

Three Variable Expressions

Procedure 4: Start by putting the hairline above the number u on scale 1. Then move the number v on scale 2 underneath the hairline. Next move the hairline above the number w on scale 3. Finally read the result $F(u, v, w)$ on scale 4 underneath the hairline. Scales 1 and 4 are on the body, scales 2 and 3 on the slide. For example, if the scales are D, C, C, D, respectively, the answer is

$$F(u, v, w) = \frac{uw}{v}.$$

In each row of this Table, m is the number of the row, n is the number of the distinct expression being evaluated, and k is number of the pair of scales being used for that expression. $F(u, v, w)$ is the expression that is being evaluated. The last four columns list the scales used to compute $F(u, v, w)$.

$\log(u)$ is the common (base 10) logarithm of u , $\text{Exp}(u) = 10^u$

m	n	k	$F(u, v, w)$	S_1	S_2	S_3	S_4
1	1	1	$\frac{uw}{v}$	CD	CD	CD	CD
2	1	2	$\frac{uw}{v}$	CD	CD	CDF	CDF
3	1	3	$\frac{uw}{v}$	CD	CDF	CDF	CD
4	1	4	$\frac{uw}{v}$	CDI	CDI	CDI	CDI
5	1	5	$\frac{uw}{v}$	CDI	CDI	CDIF	CDIF
6	1	6	$\frac{uw}{v}$	CDI	CDIF	CDIF	CDI
7	1	7	$\frac{uw}{v}$	CDF	CD	CD	CDF
8	1	8	$\frac{uw}{v}$	CDF	CDF	CD	CD
9	1	9	$\frac{uw}{v}$	CDF	CDF	CDF	CDF
10	1	10	$\frac{uw}{v}$	CDIF	CDI	CDI	CDIF
11	1	11	$\frac{uw}{v}$	CDIF	CDIF	CDI	CDI
12	1	12	$\frac{uw}{v}$	CDIF	CDIF	CDIF	CDIF
13	1	13	$\frac{uw}{v}$	AB	AB	AB	AB
14	1	14	$\frac{uw}{v}$	K	K	K	K
15	2	1	$\frac{v}{uw}$	CD	CD	CD	CDI

16	2	2	$\frac{v}{uw}$	CD	CD	CDF	CDIF
17	2	3	$\frac{v}{uw}$	CD	CDF	CDF	CDI
18	2	4	$\frac{v}{uw}$	CDI	CDI	CDI	CD
19	2	5	$\frac{v}{uw}$	CDI	CDI	CDIF	CDF
20	2	6	$\frac{v}{uw}$	CDI	CDIF	CDIF	CD
21	2	7	$\frac{v}{uw}$	CDF	CD	CD	CDIF
22	2	8	$\frac{v}{uw}$	CDF	CDF	CD	CDI
23	2	9	$\frac{v}{uw}$	CDF	CDF	CDF	CDIF
24	2	10	$\frac{v}{uw}$	CDIF	CDI	CDI	CDF
25	2	11	$\frac{v}{uw}$	CDIF	CDIF	CDI	CD
26	2	12	$\frac{v}{uw}$	CDIF	CDIF	CDIF	CDF
27	3	1	$\frac{uw\pi}{v}$	CD	CD	CD	CDF
28	3	2	$\frac{uw\pi}{v}$	CD	CDF	CD	CD
29	3	3	$\frac{uw\pi}{v}$	CD	CDF	CDF	CDF
30	3	4	$\frac{uw\pi}{v}$	CDI	CDI	CDIF	CDI
31	3	5	$\frac{uw\pi}{v}$	CDF	CDF	CD	CDF
32	3	6	$\frac{uw\pi}{v}$	CDIF	CDI	CDI	CDI
33	3	7	$\frac{uw\pi}{v}$	CDIF	CDI	CDIF	CDIF
34	3	8	$\frac{uw\pi}{v}$	CDIF	CDIF	CDIF	CDI
35	4	1	$\frac{v}{uw\pi}$	CD	CD	CD	CDIF
36	4	2	$\frac{v}{uw\pi}$	CD	CDF	CD	CDI
37	4	3	$\frac{v}{uw\pi}$	CD	CDF	CDF	CDIF
38	4	4	$\frac{v}{uw\pi}$	CDI	CDI	CDIF	CD
39	4	5	$\frac{v}{uw\pi}$	CDF	CDF	CD	CDIF

40	4	6	$\frac{v}{uw\pi}$	CDIF	CDI	CDI	CD
41	4	7	$\frac{v}{uw\pi}$	CDIF	CDI	CDIF	CDF
42	4	8	$\frac{v}{uw\pi}$	CDIF	CDIF	CDIF	CD
43	5	1	$\frac{u^2w^2}{v^2}$	CD	CD	CD	AB
44	5	2	$\frac{u^2w^2}{v^2}$	CD	CDF	CDF	AB
45	5	3	$\frac{u^2w^2}{v^2}$	CDF	CDF	CD	AB
46	5	4	$\frac{u^2w^2}{v^2}$	R	R	R	CD
47	6	1	$\sqrt{\frac{uw}{v}}$	CD	CD	CD	R
48	6	2	$\sqrt{\frac{uw}{v}}$	CD	CDF	CDF	R
49	6	3	$\sqrt{\frac{uw}{v}}$	CDF	CDF	CD	R
50	7	1	$\frac{u^3w^3}{v^3}$	CD	CD	CD	K
51	7	2	$\frac{u^3w^3}{v^3}$	CD	CDF	CDF	K
52	7	3	$\frac{u^3w^3}{v^3}$	CDF	CDF	CD	K
53	8	1	$e^{\frac{uw}{v}}$	CD	CD	CD	E
54	8	2	$e^{\frac{uw}{v}}$	CD	CDF	CDF	E
55	8	3	$e^{\frac{uw}{v}}$	CDF	CDF	CD	E
56	9	1	$\log\left(\frac{uw}{v}\right)$	CD	CD	CD	L
57	9	2	$\log\left(\frac{uw}{v}\right)$	CD	CDF	CDF	L
58	9	3	$\log\left(\frac{uw}{v}\right)$	CDF	CDF	CD	L
59	10	1	$\arcsin\left(\frac{uw}{v}\right)$	CD	CD	CD	S

60	10	2	$\arcsin\left(\frac{uw}{v}\right)$	CD	CDF	CDF	S
61	10	3	$\arcsin\left(\frac{uw}{v}\right)$	CDF	CDF	CD	S
62	11	1	$\arctan\left(\frac{uw}{v}\right)$	CD	CD	CD	T
63	11	2	$\arctan\left(\frac{uw}{v}\right)$	CD	CDF	CDF	T
64	11	3	$\arctan\left(\frac{uw}{v}\right)$	CDF	CDF	CD	T
65	12	1	$\sqrt{-\frac{-v^2 + u^2w^2}{v^2}}$	CD	CD	CD	P
66	12	2	$\sqrt{-\frac{-v^2 + u^2w^2}{v^2}}$	CD	CDF	CDF	P
67	12	3	$\sqrt{-\frac{-v^2 + u^2w^2}{v^2}}$	CDF	CDF	CD	P
68	13	1	$\sqrt{\frac{v^2 + u^2w^2}{v^2}}$	CD	CD	CD	H
69	13	2	$\sqrt{\frac{v^2 + u^2w^2}{v^2}}$	CD	CDF	CDF	H
70	13	3	$\sqrt{\frac{v^2 + u^2w^2}{v^2}}$	CDF	CDF	CD	H
71	14	1	$\frac{u}{vw}$	CD	CD	CDI	CD
72	14	2	$\frac{u}{vw}$	CD	CD	CDIF	CDF
73	14	3	$\frac{u}{vw}$	CD	CDF	CDIF	CD
74	14	4	$\frac{u}{vw}$	CDI	CDI	CD	CDI
75	14	5	$\frac{u}{vw}$	CDI	CDI	CDF	CDIF
76	14	6	$\frac{u}{vw}$	CDI	CDIF	CDF	CDI
77	14	7	$\frac{u}{vw}$	CDF	CD	CDI	CDF
78	14	8	$\frac{u}{vw}$	CDF	CDF	CDI	CD
79	14	9	$\frac{u}{vw}$	CDF	CDF	CDIF	CDF
80	14	10	$\frac{u}{vw}$	CDIF	CDI	CD	CDIF

81	14	11	$\frac{u}{vw}$	CDIF	CDIF	CD	CDI
82	14	12	$\frac{u}{vw}$	CDIF	CDIF	CDF	CDIF
83	15	1	$\frac{vw}{u}$	CD	CD	CDI	CDI
84	15	2	$\frac{vw}{u}$	CD	CD	CDIF	CDIF
85	15	3	$\frac{u}{vw}$	CD	CDF	CDIF	CDI
86	15	4	$\frac{u}{vw}$	CDI	CDI	CD	CD
87	15	5	$\frac{u}{vw}$	CDI	CDI	CDF	CDF
88	15	6	$\frac{u}{vw}$	CDI	CDIF	CDF	CD
89	15	7	$\frac{u}{vw}$	CDF	CD	CDI	CDIF
90	15	8	$\frac{u}{vw}$	CDF	CDF	CDI	CDI
91	15	9	$\frac{u}{vw}$	CDF	CDF	CDIF	CDIF
92	15	10	$\frac{u}{vw}$	CDIF	CDI	CD	CDF
93	15	11	$\frac{u}{vw}$	CDIF	CDIF	CD	CD
94	15	12	$\frac{u}{vw}$	CDIF	CDIF	CDF	CDF
95	16	1	$\frac{u\pi}{vw}$	CD	CD	CDI	CDF
96	16	2	$\frac{u\pi}{vw}$	CD	CDF	CDI	CD
97	16	3	$\frac{u\pi}{vw}$	CD	CDF	CDIF	CDF
98	16	4	$\frac{u\pi}{vw}$	CDI	CDI	CDF	CDI
99	16	5	$\frac{u\pi}{vw}$	CDF	CDF	CDI	CDF
100	16	6	$\frac{u\pi}{vw}$	CDIF	CDI	CD	CDI
101	16	7	$\frac{u\pi}{vw}$	CDIF	CDI	CDF	CDIF
102	16	8	$\frac{u\pi}{vw}$	CDIF	CDIF	CDF	CDI
103	17	1	$\frac{vw}{u\pi}$	CD	CD	CDI	CDIF

104	17	2	$\frac{vw}{u\pi}$	CD	CDF	CDI	CDI
105	17	3	$\frac{vw}{u\pi}$	CD	CDF	CDIF	CDIF
106	17	4	$\frac{vw}{u\pi}$	CDI	CDI	CDF	CD
107	17	5	$\frac{vw}{u\pi}$	CDF	CDF	CDI	CDIF
108	17	6	$\frac{vw}{u\pi}$	CDIF	CDI	CD	CD
109	17	7	$\frac{vw}{u\pi}$	CDIF	CDI	CDF	CDF
110	17	8	$\frac{vw}{u\pi}$	CDIF	CDIF	CDF	CD
111	18	1	$\frac{u^2}{v^2w^2}$	CD	CD	CDI	AB
112	18	2	$\frac{u^2}{v^2w^2}$	CD	CDF	CDIF	AB
113	18	3	$\frac{u^2}{v^2w^2}$	CDF	CDF	CDI	AB
114	19	1	$\sqrt{\frac{u}{vw}}$	CD	CD	CDI	R
115	19	2	$\sqrt{\frac{u}{vw}}$	CD	CDF	CDIF	R
116	19	3	$\sqrt{\frac{u}{vw}}$	CDF	CDF	CDI	R
117	20	1	$\frac{u^3}{v^3w^3}$	CD	CD	CDI	K
118	20	2	$\frac{u^3}{v^3w^3}$	CD	CDF	CDIF	K
119	20	3	$\frac{u^3}{v^3w^3}$	CDF	CDF	CDI	K
120	21	1	$e^{\frac{u}{vw}}$	CD	CD	CDI	E
121	21	2	$e^{\frac{u}{vw}}$	CD	CDF	CDIF	E
122	21	3	$e^{\frac{u}{vw}}$	CDF	CDF	CDI	E
123	22	1	$\log\left(\frac{u}{vw}\right)$	CD	CD	CDI	L
124	22	2	$\log\left(\frac{u}{vw}\right)$	CD	CDF	CDIF	L

125	22	3	$\log\left(\frac{u}{vw}\right)$	CDF	CDF	CDI	L
126	23	1	$\arcsin\left(\frac{u}{vw}\right)$	CD	CD	CDI	S
127	23	2	$\arcsin\left(\frac{u}{vw}\right)$	CD	CDF	CDIF	S
128	23	3	$\arcsin\left(\frac{u}{vw}\right)$	CDF	CDF	CDI	S
129	24	1	$\arctan\left(\frac{u}{vw}\right)$	CD	CD	CDI	T
130	24	2	$\arctan\left(\frac{u}{vw}\right)$	CD	CDF	CDIF	T
131	24	3	$\arctan\left(\frac{u}{vw}\right)$	CDF	CDF	CDI	T
132	25	1	$\sqrt{-\frac{v^2w^2+u^2}{v^2w^2}}$	CD	CD	CDI	P
133	25	2	$\sqrt{-\frac{v^2w^2+u^2}{v^2w^2}}$	CD	CDF	CDIF	P
134	25	3	$\sqrt{-\frac{v^2w^2+u^2}{v^2w^2}}$	CDF	CDF	CDI	P
135	26	1	$\sqrt{\frac{v^2w^2+u^2}{v^2w^2}}$	CD	CD	CDI	H
136	26	2	$\sqrt{\frac{v^2w^2+u^2}{v^2w^2}}$	CD	CDF	CDIF	H
137	26	3	$\sqrt{\frac{v^2w^2+u^2}{v^2w^2}}$	CDF	CDF	CDI	H
138	27	1	$\frac{uw}{v\pi}$	CD	CD	CDF	CD
139	27	2	$\frac{uw}{v\pi}$	CDI	CDI	CDI	CDIF
140	27	3	$\frac{uw}{v\pi}$	CDI	CDIF	CDI	CDI
141	27	4	$\frac{uw}{v\pi}$	CDI	CDIF	CDIF	CDIF
142	27	5	$\frac{uw}{v\pi}$	CDF	CD	CD	CD
143	27	6	$\frac{uw}{v\pi}$	CDF	CD	CDF	CDF
144	27	7	$\frac{uw}{v\pi}$	CDF	CDF	CDF	CD

145	27	8	$\frac{uw}{v\pi}$	CDIF	CDIF	CDI	CDIF
146	28	1	$\frac{v\pi}{uw}$	CD	CD	CDF	CDI
147	28	2	$\frac{v\pi}{uw}$	CDI	CDI	CDI	CDF
148	28	3	$\frac{uw}{v\pi}$	CDI	CDIF	CDI	CD
149	28	4	$\frac{v\pi}{uw}$	CDI	CDIF	CDIF	CDF
150	28	5	$\frac{uw}{v\pi}$	CDF	CD	CD	CDI
151	28	6	$\frac{v\pi}{uw}$	CDF	CD	CDF	CDIF
152	28	7	$\frac{v\pi}{uw}$	CDF	CDF	CDF	CDI
153	28	8	$\frac{uw}{v\pi}$	CDIF	CDIF	CDI	CDF
154	29	1	$\frac{u^2w^2}{v^2\pi^2}$	CD	CD	CDF	AB
155	29	2	$\frac{u^2w^2}{v^2\pi^2}$	CDF	CD	CD	AB
156	29	3	$\frac{u^2w^2}{v^2\pi^2}$	CDF	CDF	CDF	AB
157	30	1	$\sqrt{\frac{uw}{v\pi}}$	CD	CD	CDF	R
158	30	2	$\sqrt{\frac{uw}{v\pi}}$	CDF	CD	CD	R
159	30	3	$\sqrt{\frac{uw}{v\pi}}$	CDF	CDF	CDF	R
160	31	1	$\frac{u^3w^3}{v^3\pi^3}$	CD	CD	CDF	K
161	31	2	$\frac{u^3w^3}{v^3\pi^3}$	CDF	CD	CD	K
162	31	3	$\frac{u^3w^3}{v^3\pi^3}$	CDF	CDF	CDF	K
163	32	1	$e^{\frac{uw}{v\pi}}$	CD	CD	CDF	E
164	32	2	$e^{\frac{uw}{v\pi}}$	CDF	CD	CD	E
165	32	3	$e^{\frac{uw}{v\pi}}$	CDF	CDF	CDF	E

166	33	1	$\log\left(\frac{uw}{v\pi}\right)$	CD	CD	CDF	L
167	33	2	$\log\left(\frac{uw}{v\pi}\right)$	CDF	CD	CD	L
168	33	3	$\log\left(\frac{uw}{v\pi}\right)$	CDF	CDF	CDF	L
169	34	1	$\arcsin\left(\frac{uw}{v\pi}\right)$	CD	CD	CDF	S
170	34	2	$\arcsin\left(\frac{uw}{v\pi}\right)$	CDF	CD	CD	S
171	34	3	$\arcsin\left(\frac{uw}{v\pi}\right)$	CDF	CDF	CDF	S
172	35	1	$\arctan\left(\frac{uw}{v\pi}\right)$	CD	CD	CDF	T
173	35	2	$\arctan\left(\frac{uw}{v\pi}\right)$	CDF	CD	CD	T
174	35	3	$\arctan\left(\frac{uw}{v\pi}\right)$	CDF	CDF	CDF	T
175	36	1	$\sqrt{-\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CD	CD	CDF	P
176	36	2	$\sqrt{-\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CDF	CD	CD	P
177	36	3	$\sqrt{-\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CDF	CDF	CDF	P
178	37	1	$\sqrt{\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CD	CD	CDF	H
179	37	2	$\sqrt{\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CDF	CD	CD	H
180	37	3	$\sqrt{\frac{v^2\pi^2 + u^2w^2}{v^2\pi^2}}$	CDF	CDF	CDF	H
181	38	1	$\frac{u}{vw\pi}$	CD	CD	CDIF	CD
182	38	2	$\frac{u}{vw\pi}$	CDI	CDI	CD	CDIF
183	38	3	$\frac{u}{vw\pi}$	CDI	CDIF	CD	CDI
184	38	4	$\frac{u}{vw\pi}$	CDI	CDIF	CDF	CDIF
185	38	5	$\frac{u}{vw\pi}$	CDF	CD	CDI	CD

186	38	6	$\frac{u}{vw\pi}$	CDF	CD	CDIF	CDF
187	38	7	$\frac{u}{vw\pi}$	CDF	CDF	CDIF	CD
188	38	8	$\frac{u}{vw\pi}$	CDIF	CDIF	CD	CDIF
189	39	1	$\frac{vw\pi}{u}$	CD	CD	CDIF	CDI
190	39	2	$\frac{vw\pi}{u}$	CDI	CDI	CD	CDF
191	39	3	$\frac{vw\pi}{u}$	CDI	CDIF	CD	CD
192	39	4	$\frac{vw\pi}{u}$	CDI	CDIF	CDF	CDF
193	39	5	$\frac{vw\pi}{u}$	CDF	CD	CDI	CDI
194	39	6	$\frac{vw\pi}{u}$	CDF	CD	CDIF	CDIF
195	39	7	$\frac{vw\pi}{u}$	CDF	CDF	CDIF	CDI
196	39	8	$\frac{vw\pi}{u}$	CDIF	CDIF	CD	CDF
197	40	1	$\frac{u^2}{v^2w^2\pi^2}$	CD	CD	CDIF	AB
198	40	2	$\frac{u^2}{v^2w^2\pi^2}$	CDF	CD	CDI	AB
199	40	3	$\frac{u^2}{v^2w^2\pi^2}$	CDF	CDF	CDIF	AB
200	41	1	$\sqrt{\frac{u}{vw\pi}}$	CD	CD	CDIF	R
201	41	2	$\sqrt{\frac{u}{vw\pi}}$	CDF	CD	CDI	R
202	41	3	$\sqrt{\frac{u}{vw\pi}}$	CDF	CDF	CDIF	R
203	42	1	$\frac{u^3}{v^3w^3\pi^3}$	CD	CD	CDIF	K
204	42	2	$\frac{u^3}{v^3w^3\pi^3}$	CDF	CD	CDI	K
205	42	3	$\frac{u^3}{v^3w^3\pi^3}$	CDF	CDF	CDIF	K

206	43	1	$e^{\frac{u}{vw\pi}}$	CD	CD	CDIF	E
207	43	2	$e^{\frac{u}{vw\pi}}$	CDF	CD	CDI	E
208	43	3	$e^{\frac{u}{vw\pi}}$	CDF	CDF	CDIF	E
209	44	1	$\log\left(\frac{u}{vw\pi}\right)$	CD	CD	CDIF	L
210	44	2	$\log\left(\frac{u}{vw\pi}\right)$	CDF	CD	CDI	L
211	44	3	$\log\left(\frac{u}{vw\pi}\right)$	CDF	CDF	CDIF	L
212	45	1	$\arcsin\left(\frac{u}{vw\pi}\right)$	CD	CD	CDIF	S
213	45	2	$\arcsin\left(\frac{u}{vw\pi}\right)$	CDF	CD	CDI	S
214	45	3	$\arcsin\left(\frac{u}{vw\pi}\right)$	CDF	CDF	CDIF	S
215	46	1	$\arctan\left(\frac{u}{vw\pi}\right)$	CD	CD	CDIF	T
216	46	2	$\arctan\left(\frac{u}{vw\pi}\right)$	CDF	CD	CDI	T
217	46	3	$\arctan\left(\frac{u}{vw\pi}\right)$	CDF	CDF	CDIF	T
218	47	1	$\sqrt{-\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CD	CD	CDIF	P
219	47	2	$\sqrt{-\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CDF	CD	CDI	P
220	47	3	$\sqrt{-\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CDF	CDF	CDIF	P
221	48	1	$\sqrt{\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CD	CD	CDIF	H
222	48	2	$\sqrt{\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CDF	CD	CDI	H
223	48	3	$\sqrt{\frac{v^2w^2\pi^2 + u^2}{v^2w^2\pi^2}}$	CDF	CDF	CDIF	H
224	49	1	$\frac{u\sqrt{w}}{v}$	CD	CD	AB	CD
225	49	2	$\frac{u\sqrt{w}}{v}$	CDF	CD	AB	CDF

226	49	3	$\frac{u\sqrt{w}}{v}$	CDF	CDF	AB	CD
227	50	1	$\frac{v}{u\sqrt{w}}$	CD	CD	AB	CDI
228	50	2	$\frac{v}{u\sqrt{w}}$	CDF	CD	AB	CDIF
229	50	3	$\frac{v}{u\sqrt{w}}$	CDF	CDF	AB	CDI
230	51	1	$\frac{u\sqrt{w}\pi}{v}$	CD	CD	AB	CDF
231	51	2	$\frac{u\sqrt{w}\pi}{v}$	CD	CDF	AB	CD
232	51	3	$\frac{u\sqrt{w}\pi}{v}$	CDF	CDF	AB	CDF
233	52	1	$\frac{v}{u\sqrt{w}\pi}$	CD	CD	AB	CDIF
234	52	2	$\frac{v}{u\sqrt{w}\pi}$	CD	CDF	AB	CDI
235	52	3	$\frac{v}{u\sqrt{w}\pi}$	CDF	CDF	AB	CDIF
236	53	1	$\frac{u^2w}{v^2}$	CD	CD	AB	AB
237	53	2	$\frac{u^2w}{v^2}$	CDF	CDF	AB	AB
238	53	3	$\frac{u^2w}{v^2}$	R	R	CD	CD
239	53	4	$\frac{u^2w}{v^2}$	R	R	CDF	CDF
240	54	1	$\sqrt{\frac{u\sqrt{w}}{v}}$	CD	CD	AB	R
241	54	2	$\sqrt{\frac{u\sqrt{w}}{v}}$	CDF	CDF	AB	R
242	55	1	$\frac{u^3w^{3/2}}{v^3}$	CD	CD	AB	K
243	55	2	$\frac{u^3w^{3/2}}{v^3}$	CDF	CDF	AB	K

244	56	1	$e^{\frac{u\sqrt{w}}{v}}$	CD	CD	AB	E
245	56	2	$e^{\frac{u\sqrt{w}}{v}}$	CDF	CDF	AB	E
246	57	1	$\log\left(\frac{u\sqrt{w}}{v}\right)$	CD	CD	AB	L
247	57	2	$\log\left(\frac{u\sqrt{w}}{v}\right)$	CDF	CDF	AB	L
248	58	1	$\arcsin\left(\frac{u\sqrt{w}}{v}\right)$	CD	CD	AB	S
249	58	2	$\arcsin\left(\frac{u\sqrt{w}}{v}\right)$	CDF	CDF	AB	S
250	59	1	$\arctan\left(\frac{u\sqrt{w}}{v}\right)$	CD	CD	AB	T
251	59	2	$\arctan\left(\frac{u\sqrt{w}}{v}\right)$	CDF	CDF	AB	T
252	60	1	$\sqrt{-\frac{v^2 + u^2w}{v^2}}$	CD	CD	AB	P
253	60	2	$\sqrt{-\frac{v^2 + u^2w}{v^2}}$	CDF	CDF	AB	P
254	61	1	$\sqrt{\frac{v^2 + u^2w}{v^2}}$	CD	CD	AB	H
255	61	2	$\sqrt{\frac{v^2 + u^2w}{v^2}}$	CDF	CDF	AB	H
256	62	1	$\frac{uw^2}{v}$	CD	CD	R	CD
257	62	2	$\frac{uw^2}{v}$	CDF	CD	R	CDF
258	62	3	$\frac{uw^2}{v}$	CDF	CDF	R	CD
259	62	4	$\frac{uw^2}{v}$	AB	AB	CD	AB
260	63	1	$\frac{v}{uw^2}$	CD	CD	R	CDI
261	63	2	$\frac{v}{uw^2}$	CDF	CD	R	CDIF

262	63	3	$\frac{v}{uw^2}$	CDF	CDF	R	CDI
263	64	1	$\frac{uw^2\pi}{v}$	CD	CD	R	CDF
264	64	2	$\frac{uw^2\pi}{v}$	CD	CDF	R	CD
265	64	3	$\frac{uw^2\pi}{v}$	CDF	CDF	R	CDF
266	65	1	$\frac{v}{uw^2\pi}$	CD	CD	R	CDIF
267	65	2	$\frac{v}{uw^2\pi}$	CD	CDF	R	CDI
268	65	3	$\frac{v}{uw^2\pi}$	CDF	CDF	R	CDIF
269	66	1	$\frac{u^2w^4}{v^2}$	CD	CD	R	AB
270	66	2	$\frac{u^2w^4}{v^2}$	CDF	CDF	R	AB
271	67	1	$\sqrt{\frac{uw^2}{v}}$	CD	CD	R	R
272	67	2	$\sqrt{\frac{uw^2}{v}}$	CDF	CDF	R	R
273	68	1	$\frac{u^3w^6}{v^3}$	CD	CD	R	K
274	68	2	$\frac{u^3w^6}{v^3}$	CDF	CDF	R	K
275	69	1	$e^{\frac{uw^2}{v}}$	CD	CD	R	E
276	69	2	$e^{\frac{uw^2}{v}}$	CDF	CDF	R	E
277	70	1	$\log\left(\frac{uw^2}{v}\right)$	CD	CD	R	L
278	70	2	$\log\left(\frac{uw^2}{v}\right)$	CDF	CDF	R	L
279	71	1	$\arcsin\left(\frac{uw^2}{v}\right)$	CD	CD	R	S

280	71	2	$\arcsin\left(\frac{uw^2}{v}\right)$	CDF	CDF	R	S
281	72	1	$\arctan\left(\frac{uw^2}{v}\right)$	CD	CD	R	T
282	72	2	$\arctan\left(\frac{uw^2}{v}\right)$	CDF	CDF	R	T
283	73	1	$\sqrt{-\frac{-v^2+u^2w^4}{v^2}}$	CD	CD	R	P
284	73	2	$\sqrt{-\frac{-v^2+u^2w^4}{v^2}}$	CDF	CDF	R	P
285	74	1	$\sqrt{\frac{v^2+u^2w^4}{v^2}}$	CD	CD	R	H
286	74	2	$\sqrt{\frac{v^2+u^2w^4}{v^2}}$	CDF	CDF	R	H
287	75	1	$\frac{u\sqrt[3]{w}}{v}$	CD	CD	K	CD
288	75	2	$\frac{u\sqrt[3]{w}}{v}$	CDF	CD	K	CDF
289	75	3	$\frac{u\sqrt[3]{w}}{v}$	CDF	CDF	K	CD
290	76	1	$\frac{v}{u\sqrt[3]{w}}$	CD	CD	K	CDI
291	76	2	$\frac{v}{u\sqrt[3]{w}}$	CDF	CD	K	CDIF
292	76	3	$\frac{v}{u\sqrt[3]{w}}$	CDF	CDF	K	CDI
293	77	1	$\frac{u\sqrt[3]{w}\pi}{v}$	CD	CD	K	CDF
294	77	2	$\frac{u\sqrt[3]{w}\pi}{v}$	CD	CDF	K	CD
295	77	3	$\frac{u\sqrt[3]{w}\pi}{v}$	CDF	CDF	K	CDF
296	78	1	$\frac{v}{u\sqrt[3]{w}\pi}$	CD	CD	K	CDIF
297	78	2	$\frac{v}{u\sqrt[3]{w}\pi}$	CD	CDF	K	CDI

298	78	3	$\frac{v}{u\sqrt[3]{w}\pi}$	CDF	CDF	K	CDIF
299	79	1	$\frac{u^2w^{2/3}}{v^2}$	CD	CD	K	AB
300	79	2	$\frac{u^2w^{2/3}}{v^2}$	CDF	CDF	K	AB
301	80	1	$\sqrt{\frac{u\sqrt[3]{w}}{v}}$	CD	CD	K	R
302	80	2	$\sqrt{\frac{u\sqrt[3]{w}}{v}}$	CDF	CDF	K	R
303	81	1	$\frac{u^3w}{v^3}$	CD	CD	K	K
304	81	2	$\frac{u^3w}{v^3}$	CDF	CDF	K	K
305	82	1	$e^{\frac{u\sqrt[3]{w}}{v}}$	CD	CD	K	E
306	82	2	$e^{\frac{u\sqrt[3]{w}}{v}}$	CDF	CDF	K	E
307	83	1	$\log\left(\frac{u\sqrt[3]{w}}{v}\right)$	CD	CD	K	L
308	83	2	$\log\left(\frac{u\sqrt[3]{w}}{v}\right)$	CDF	CDF	K	L
309	84	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{v}\right)$	CD	CD	K	S
310	84	2	$\arcsin\left(\frac{u\sqrt[3]{w}}{v}\right)$	CDF	CDF	K	S
311	85	1	$\arctan\left(\frac{u\sqrt[3]{w}}{v}\right)$	CD	CD	K	T
312	85	2	$\arctan\left(\frac{u\sqrt[3]{w}}{v}\right)$	CDF	CDF	K	T
313	86	1	$\sqrt{-\frac{v^2 + u^2w^{2/3}}{v^2}}$	CD	CD	K	P
314	86	2	$\sqrt{-\frac{v^2 + u^2w^{2/3}}{v^2}}$	CDF	CDF	K	P

315	87	1	$\sqrt{\frac{v^2 + u^2 w^{2/3}}{v^2}}$	CD	CD	K	H
316	87	2	$\sqrt{\frac{v^2 + u^2 w^{2/3}}{v^2}}$	CDF	CDF	K	H
317	88	1	$\frac{u \ln(w)}{v}$	CD	CD	E	CD
318	88	2	$\frac{u \ln(w)}{v}$	CDF	CD	E	CDF
319	88	3	$\frac{u \ln(w)}{v}$	CDF	CDF	E	CD
320	89	1	$\frac{v}{u \ln(w)}$	CD	CD	E	CDI
321	89	2	$\frac{v}{u \ln(w)}$	CDF	CD	E	CDIF
322	89	3	$\frac{v}{u \ln(w)}$	CDF	CDF	E	CDI
323	90	1	$\frac{u \ln(w) \pi}{v}$	CD	CD	E	CDF
324	90	2	$\frac{u \ln(w) \pi}{v}$	CD	CDF	E	CD
325	90	3	$\frac{u \ln(w) \pi}{v}$	CDF	CDF	E	CDF
326	91	1	$\frac{v}{u \ln(w) \pi}$	CD	CD	E	CDIF
327	91	2	$\frac{v}{u \ln(w) \pi}$	CD	CDF	E	CDI
328	91	3	$\frac{v}{u \ln(w) \pi}$	CDF	CDF	E	CDIF
329	92	1	$\frac{u^2 (\ln(w))^2}{v^2}$	CD	CD	E	AB
330	92	2	$\frac{u^2 (\ln(w))^2}{v^2}$	CDF	CDF	E	AB
331	93	1	$\sqrt{\frac{u \ln(w)}{v}}$	CD	CD	E	R
332	93	2	$\sqrt{\frac{u \ln(w)}{v}}$	CDF	CDF	E	R

333	94	1	$\frac{u^3 (\ln(w))^3}{v^3}$	CD	CD	E	K
334	94	2	$\frac{u^3 (\ln(w))^3}{v^3}$	CDF	CDF	E	K
335	95	1	$w^{\frac{u}{v}}$	CD	CD	E	E
336	95	2	$w^{\frac{u}{v}}$	CDF	CDF	E	E
337	96	1	$\log\left(\frac{u \ln(w)}{v}\right)$	CD	CD	E	L
338	96	2	$\log\left(\frac{u \ln(w)}{v}\right)$	CDF	CDF	E	L
339	97	1	$\arcsin\left(\frac{u \ln(w)}{v}\right)$	CD	CD	E	S
340	97	2	$\arcsin\left(\frac{u \ln(w)}{v}\right)$	CDF	CDF	E	S
341	98	1	$\arctan\left(\frac{u \ln(w)}{v}\right)$	CD	CD	E	T
342	98	2	$\arctan\left(\frac{u \ln(w)}{v}\right)$	CDF	CDF	E	T
343	99	1	$\sqrt{-\frac{v^2 + u^2 (\ln(w))^2}{v^2}}$	CD	CD	E	P
344	99	2	$\sqrt{-\frac{v^2 + u^2 (\ln(w))^2}{v^2}}$	CDF	CDF	E	P
345	100	1	$\sqrt{\frac{v^2 + u^2 (\ln(w))^2}{v^2}}$	CD	CD	E	H
346	100	2	$\sqrt{\frac{v^2 + u^2 (\ln(w))^2}{v^2}}$	CDF	CDF	E	H
347	101	1	$\frac{u \text{Exp}(w)}{v}$	CD	CD	L	CD
348	101	2	$\frac{u \text{Exp}(w)}{v}$	CDF	CD	L	CDF
349	101	3	$\frac{u \text{Exp}(w)}{v}$	CDF	CDF	L	CD

350	102	1	$\frac{v}{uExp(w)}$	CD	CD	L	CDI
351	102	2	$\frac{v}{uExp(w)}$	CDF	CD	L	CDIF
352	102	3	$\frac{v}{uExp(w)}$	CDF	CDF	L	CDI
353	103	1	$\frac{uExp(w) \pi}{v}$	CD	CD	L	CDF
354	103	2	$\frac{uExp(w) \pi}{v}$	CD	CDF	L	CD
355	103	3	$\frac{uExp(w) \pi}{v}$	CDF	CDF	L	CDF
356	104	1	$\frac{v}{uExp(w) \pi}$	CD	CD	L	CDIF
357	104	2	$\frac{v}{uExp(w) \pi}$	CD	CDF	L	CDI
358	104	3	$\frac{v}{uExp(w) \pi}$	CDF	CDF	L	CDIF
359	105	1	$\frac{u^2 (Exp(w))^2}{v^2}$	CD	CD	L	AB
360	105	2	$\frac{u^2 (Exp(w))^2}{v^2}$	CDF	CDF	L	AB
361	106	1	$\sqrt{\frac{uExp(w)}{v}}$	CD	CD	L	R
362	106	2	$\sqrt{\frac{uExp(w)}{v}}$	CDF	CDF	L	R
363	107	1	$\frac{u^3 (Exp(w))^3}{v^3}$	CD	CD	L	K
364	107	2	$\frac{u^3 (Exp(w))^3}{v^3}$	CDF	CDF	L	K
365	108	1	$e^{\frac{uExp(w)}{v}}$	CD	CD	L	E
366	108	2	$e^{\frac{uExp(w)}{v}}$	CDF	CDF	L	E
367	109	1	$\log\left(\frac{uExp(w)}{v}\right)$	CD	CD	L	L
368	109	2	$\log\left(\frac{uExp(w)}{v}\right)$	CDF	CDF	L	L

369	110	1	$\arcsin\left(\frac{uExp(w)}{v}\right)$	CD	CD	L	S
370	110	2	$\arcsin\left(\frac{uExp(w)}{v}\right)$	CDF	CDF	L	S
371	111	1	$\arctan\left(\frac{uExp(w)}{v}\right)$	CD	CD	L	T
372	111	2	$\arctan\left(\frac{uExp(w)}{v}\right)$	CDF	CDF	L	T
373	112	1	$\sqrt{-\frac{-v^2 + u^2 (Exp(w))^2}{v^2}}$	CD	CD	L	P
374	112	2	$\sqrt{-\frac{-v^2 + u^2 (Exp(w))^2}{v^2}}$	CDF	CDF	L	P
375	113	1	$\sqrt{\frac{v^2 + u^2 (Exp(w))^2}{v^2}}$	CD	CD	L	H
376	113	2	$\sqrt{\frac{v^2 + u^2 (Exp(w))^2}{v^2}}$	CDF	CDF	L	H
377	114	1	$\frac{u \sin(w)}{v}$	CD	CD	S	CD
378	114	2	$\frac{u \sin(w)}{v}$	CDF	CD	S	CDF
379	114	3	$\frac{u \sin(w)}{v}$	CDF	CDF	S	CD
380	115	1	$\frac{v}{u \sin(w)}$	CD	CD	S	CDI
381	115	2	$\frac{v}{u \sin(w)}$	CDF	CD	S	CDIF
382	115	3	$\frac{v}{u \sin(w)}$	CDF	CDF	S	CDI
383	116	1	$\frac{u \sin(w) \pi}{v}$	CD	CD	S	CDF
384	116	2	$\frac{u \sin(w) \pi}{v}$	CD	CDF	S	CD
385	116	3	$\frac{u \sin(w) \pi}{v}$	CDF	CDF	S	CDF

386	117	1	$\frac{v}{u \sin(w) \pi}$	CD	CD	S	CDIF
387	117	2	$\frac{v}{u \sin(w) \pi}$	CD	CDF	S	CDI
388	117	3	$\frac{v}{u \sin(w) \pi}$	CDF	CDF	S	CDIF
389	118	1	$\frac{u^2 (\sin(w))^2}{v^2}$	CD	CD	S	AB
390	118	2	$\frac{u^2 (\sin(w))^2}{v^2}$	CDF	CDF	S	AB
391	119	1	$\sqrt{\frac{u \sin(w)}{v}}$	CD	CD	S	R
392	119	2	$\sqrt{\frac{u \sin(w)}{v}}$	CDF	CDF	S	R
393	120	1	$\frac{u^3 (\sin(w))^3}{v^3}$	CD	CD	S	K
394	120	2	$\frac{u^3 (\sin(w))^3}{v^3}$	CDF	CDF	S	K
395	121	1	$e^{\frac{u \sin(w)}{v}}$	CD	CD	S	E
396	121	2	$e^{\frac{u \sin(w)}{v}}$	CDF	CDF	S	E
397	122	1	$\log\left(\frac{u \sin(w)}{v}\right)$	CD	CD	S	L
398	122	2	$\log\left(\frac{u \sin(w)}{v}\right)$	CDF	CDF	S	L
399	123	1	$\arcsin\left(\frac{u \sin(w)}{v}\right)$	CD	CD	S	S
400	123	2	$\arcsin\left(\frac{u \sin(w)}{v}\right)$	CDF	CDF	S	S
401	124	1	$\arctan\left(\frac{u \sin(w)}{v}\right)$	CD	CD	S	T
402	124	2	$\arctan\left(\frac{u \sin(w)}{v}\right)$	CDF	CDF	S	T

403	125	1	$\sqrt{\frac{v^2 - u^2 + u^2 (\cos(w))^2}{v^2}}$	CD	CD	S	P
404	125	2	$\sqrt{\frac{v^2 - u^2 + u^2 (\cos(w))^2}{v^2}}$	CDF	CDF	S	P
405	126	1	$\sqrt{-\frac{v^2 - u^2 + u^2 (\cos(w))^2}{v^2}}$	CD	CD	S	H
406	126	2	$\sqrt{-\frac{v^2 - u^2 + u^2 (\cos(w))^2}{v^2}}$	CDF	CDF	S	H
407	127	1	$\frac{u \tan(w)}{v}$	CD	CD	T	CD
408	127	2	$\frac{u \tan(w)}{v}$	CDF	CD	T	CDF
409	127	3	$\frac{u \tan(w)}{v}$	CDF	CDF	T	CD
410	128	1	$\frac{v}{u \tan(w)}$	CD	CD	T	CDI
411	128	2	$\frac{v}{u \tan(w)}$	CDF	CD	T	CDIF
412	128	3	$\frac{v}{u \tan(w)}$	CDF	CDF	T	CDI
413	129	1	$\frac{u \tan(w) \pi}{v}$	CD	CD	T	CDF
414	129	2	$\frac{u \tan(w) \pi}{v}$	CD	CDF	T	CD
415	129	3	$\frac{u \tan(w) \pi}{v}$	CDF	CDF	T	CDF
416	130	1	$\frac{v}{u \tan(w) \pi}$	CD	CD	T	CDIF
417	130	2	$\frac{v}{u \tan(w) \pi}$	CD	CDF	T	CDI
418	130	3	$\frac{v}{u \tan(w) \pi}$	CDF	CDF	T	CDIF
419	131	1	$\frac{u^2 (\tan(w))^2}{v^2}$	CD	CD	T	AB
420	131	2	$\frac{u^2 (\tan(w))^2}{v^2}$	CDF	CDF	T	AB

421	132	1	$\sqrt{\frac{u \tan(w)}{v}}$	CD	CD	T	R
422	132	2	$\sqrt{\frac{u \tan(w)}{v}}$	CDF	CDF	T	R
423	133	1	$\frac{u^3 (\tan(w))^3}{v^3}$	CD	CD	T	K
424	133	2	$\frac{u^3 (\tan(w))^3}{v^3}$	CDF	CDF	T	K
425	134	1	$e^{\frac{u \tan(w)}{v}}$	CD	CD	T	E
426	134	2	$e^{\frac{u \tan(w)}{v}}$	CDF	CDF	T	E
427	135	1	$\log\left(\frac{u \tan(w)}{v}\right)$	CD	CD	T	L
428	135	2	$\log\left(\frac{u \tan(w)}{v}\right)$	CDF	CDF	T	L
429	136	1	$\arcsin\left(\frac{u \tan(w)}{v}\right)$	CD	CD	T	S
430	136	2	$\arcsin\left(\frac{u \tan(w)}{v}\right)$	CDF	CDF	T	S
431	137	1	$\arctan\left(\frac{u \tan(w)}{v}\right)$	CD	CD	T	T
432	137	2	$\arctan\left(\frac{u \tan(w)}{v}\right)$	CDF	CDF	T	T
433	138	1	$\sqrt{-\frac{v^2 + u^2 (\tan(w))^2}{v^2}}$	CD	CD	T	P
434	138	2	$\sqrt{-\frac{v^2 + u^2 (\tan(w))^2}{v^2}}$	CDF	CDF	T	P
435	139	1	$\sqrt{\frac{v^2 + u^2 (\tan(w))^2}{v^2}}$	CD	CD	T	H
436	139	2	$\sqrt{\frac{v^2 + u^2 (\tan(w))^2}{v^2}}$	CDF	CDF	T	H

437	140	1	$\frac{u\sqrt{1-w^2}}{v}$	CD	CD	P	CD
438	140	2	$\frac{u\sqrt{1-w^2}}{v}$	CDF	CD	P	CDF
439	140	3	$\frac{u\sqrt{1-w^2}}{v}$	CDF	CDF	P	CD
440	141	1	$\frac{v}{u\sqrt{1-w^2}}$	CD	CD	P	CDI
441	141	2	$\frac{v}{u\sqrt{1-w^2}}$	CDF	CD	P	CDIF
442	141	3	$\frac{v}{u\sqrt{1-w^2}}$	CDF	CDF	P	CDI
443	142	1	$\frac{u\sqrt{1-w^2}\pi}{v}$	CD	CD	P	CDF
444	142	2	$\frac{u\sqrt{1-w^2}\pi}{v}$	CD	CDF	P	CD
445	142	3	$\frac{u\sqrt{1-w^2}\pi}{v}$	CDF	CDF	P	CDF
446	143	1	$\frac{v}{u\sqrt{1-w^2}\pi}$	CD	CD	P	CDIF
447	143	2	$\frac{v}{u\sqrt{1-w^2}\pi}$	CD	CDF	P	CDI
448	143	3	$\frac{v}{u\sqrt{1-w^2}\pi}$	CDF	CDF	P	CDIF
449	144	1	$-\frac{u^2(-1+w^2)}{v^2}$	CD	CD	P	AB
450	144	2	$-\frac{u^2(-1+w^2)}{v^2}$	CDF	CDF	P	AB
451	145	1	$\sqrt{\frac{u\sqrt{1-w^2}}{v}}$	CD	CD	P	R
452	145	2	$\sqrt{\frac{u\sqrt{1-w^2}}{v}}$	CDF	CDF	P	R
453	146	1	$\frac{u^3(1-w^2)^{3/2}}{v^3}$	CD	CD	P	K
454	146	2	$\frac{u^3(1-w^2)^{3/2}}{v^3}$	CDF	CDF	P	K

455	147	1	$e^{\frac{u\sqrt{1-w^2}}{v}}$	CD	CD	P	E
456	147	2	$e^{\frac{u\sqrt{1-w^2}}{v}}$	CDF	CDF	P	E
457	148	1	$\log\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CD	CD	P	L
458	148	2	$\log\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CDF	CDF	P	L
459	149	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CD	CD	P	S
460	149	2	$\arcsin\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CDF	CDF	P	S
461	150	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CD	CD	P	T
462	150	2	$\arctan\left(\frac{u\sqrt{1-w^2}}{v}\right)$	CDF	CDF	P	T
463	151	1	$\sqrt{\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CD	CD	P	P
464	151	2	$\sqrt{\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CD	CD	H	H
465	151	3	$\sqrt{\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CDF	CDF	P	P
466	151	4	$\sqrt{\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CDF	CDF	H	H
467	152	1	$\sqrt{-\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CD	CD	P	H
468	152	2	$\sqrt{-\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CD	CD	H	P
469	152	3	$\sqrt{-\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CDF	CDF	P	H
470	152	4	$\sqrt{-\frac{v^2 - u^2 + u^2 w^2}{v^2}}$	CDF	CDF	H	P

471	153	1	$\frac{u\sqrt{-1+w^2}}{v}$	CD	CD	H	CD
472	153	2	$\frac{u\sqrt{-1+w^2}}{v}$	CDF	CD	H	CDF
473	153	3	$\frac{u\sqrt{-1+w^2}}{v}$	CDF	CDF	H	CD
474	154	1	$\frac{v}{u\sqrt{-1+w^2}}$	CD	CD	H	CDI
475	154	2	$\frac{v}{u\sqrt{-1+w^2}}$	CDF	CD	H	CDIF
476	154	3	$\frac{v}{u\sqrt{-1+w^2}}$	CDF	CDF	H	CDI
477	155	1	$\frac{u\sqrt{-1+w^2}\pi}{v}$	CD	CD	H	CDF
478	155	2	$\frac{u\sqrt{-1+w^2}\pi}{v}$	CD	CDF	H	CD
479	155	3	$\frac{u\sqrt{-1+w^2}\pi}{v}$	CDF	CDF	H	CDF
480	156	1	$\frac{v}{u\sqrt{-1+w^2}\pi}$	CD	CD	H	CDIF
481	156	2	$\frac{v}{u\sqrt{-1+w^2}\pi}$	CD	CDF	H	CDI
482	156	3	$\frac{v}{u\sqrt{-1+w^2}\pi}$	CDF	CDF	H	CDIF
483	157	1	$\frac{u^2(-1+w^2)}{v^2}$	CD	CD	H	AB
484	157	2	$\frac{u^2(-1+w^2)}{v^2}$	CDF	CDF	H	AB
485	158	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{v}}$	CD	CD	H	R
486	158	2	$\sqrt{\frac{u\sqrt{-1+w^2}}{v}}$	CDF	CDF	H	R
487	159	1	$\frac{u^3(-1+w^2)^{3/2}}{v^3}$	CD	CD	H	K
488	159	2	$\frac{u^3(-1+w^2)^{3/2}}{v^3}$	CDF	CDF	H	K

489	160	1	$e^{\frac{u\sqrt{-1+w^2}}{v}}$	CD	CD	H	E
490	160	2	$e^{\frac{u\sqrt{-1+w^2}}{v}}$	CDF	CDF	H	E
491	161	1	$\log\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CD	CD	H	L
492	161	2	$\log\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CDF	CDF	H	L
493	162	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CD	CD	H	S
494	162	2	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CDF	CDF	H	S
495	163	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CD	CD	H	T
496	163	2	$\arctan\left(\frac{u\sqrt{-1+w^2}}{v}\right)$	CDF	CDF	H	T
497	164	1	uvw	CD	CDI	CD	CD
498	164	2	uvw	CD	CDI	CDF	CDF
499	164	3	uvw	CD	CDIF	CDF	CD
500	164	4	uvw	CDI	CD	CDI	CDI
501	164	5	uvw	CDI	CD	CDIF	CDIF
502	164	6	uvw	CDI	CDF	CDIF	CDI
503	164	7	uvw	CDF	CDI	CD	CDF
504	164	8	uvw	CDF	CDIF	CD	CD
505	164	9	uvw	CDF	CDIF	CDF	CDF
506	164	10	uvw	CDIF	CD	CDI	CDIF
507	164	11	uvw	CDIF	CDF	CDI	CDI
508	164	12	uvw	CDIF	CDF	CDIF	CDIF
509	165	1	$\frac{1}{uvw}$	CD	CDI	CD	CDI
510	165	2	$\frac{1}{uvw}$	CD	CDI	CDF	CDIF

511	165	3	$\frac{1}{uvw}$	CD	CDIF	CDF	CDI
512	165	4	$\frac{1}{uvw}$	CDI	CD	CDI	CD
513	165	5	$\frac{1}{uvw}$	CDI	CD	CDIF	CDF
514	165	6	$\frac{1}{uvw}$	CDI	CDF	CDIF	CD
515	165	7	$\frac{1}{uvw}$	CDF	CDI	CD	CDIF
516	165	8	$\frac{1}{uvw}$	CDF	CDIF	CD	CDI
517	165	9	$\frac{1}{uvw}$	CDF	CDIF	CDF	CDIF
518	165	10	$\frac{1}{uvw}$	CDIF	CD	CDI	CDF
519	165	11	$\frac{1}{uvw}$	CDIF	CDF	CDI	CD
520	165	12	$\frac{1}{uvw}$	CDIF	CDF	CDIF	CDF
521	166	1	$uvw\pi$	CD	CDI	CD	CDF
522	166	2	$uvw\pi$	CD	CDIF	CD	CD
523	166	3	$uvw\pi$	CD	CDIF	CDF	CDF
524	166	4	$uvw\pi$	CDI	CD	CDIF	CDI
525	166	5	$uvw\pi$	CDF	CDIF	CD	CDF
526	166	6	$uvw\pi$	CDIF	CD	CDI	CDI
527	166	7	$uvw\pi$	CDIF	CD	CDIF	CDIF
528	166	8	$uvw\pi$	CDIF	CDF	CDIF	CDI
529	167	1	$\frac{1}{uvw\pi}$	CD	CDI	CD	CDIF
530	167	2	$\frac{1}{uvw\pi}$	CD	CDIF	CD	CDI
531	167	3	$\frac{1}{uvw\pi}$	CD	CDIF	CDF	CDIF
532	167	4	$\frac{1}{uvw\pi}$	CDI	CD	CDIF	CD
533	167	5	$\frac{1}{uvw\pi}$	CDF	CDIF	CD	CDIF
534	167	6	$\frac{1}{uvw\pi}$	CDIF	CD	CDI	CD

535	167	7	$\frac{1}{uvw\pi}$	CDIF	CD	CDIF	CDF
536	167	8	$\frac{1}{uvw\pi}$	CDIF	CDF	CDIF	CD
537	168	1	$u^2v^2w^2$	CD	CDI	CD	AB
538	168	2	$u^2v^2w^2$	CD	CDIF	CDF	AB
539	168	3	$u^2v^2w^2$	CDF	CDIF	CD	AB
540	169	1	$\sqrt{uvw}$	CD	CDI	CD	R
541	169	2	$\sqrt{uvw}$	CD	CDIF	CDF	R
542	169	3	$\sqrt{uvw}$	CDF	CDIF	CD	R
543	170	1	$u^3v^3w^3$	CD	CDI	CD	K
544	170	2	$u^3v^3w^3$	CD	CDIF	CDF	K
545	170	3	$u^3v^3w^3$	CDF	CDIF	CD	K
546	171	1	e^{uvw}	CD	CDI	CD	E
547	171	2	e^{uvw}	CD	CDIF	CDF	E
548	171	3	e^{uvw}	CDF	CDIF	CD	E
549	172	1	$\log(uvw)$	CD	CDI	CD	L
550	172	2	$\log(uvw)$	CD	CDIF	CDF	L
551	172	3	$\log(uvw)$	CDF	CDIF	CD	L
552	173	1	$\arcsin(uvw)$	CD	CDI	CD	S
553	173	2	$\arcsin(uvw)$	CD	CDIF	CDF	S
554	173	3	$\arcsin(uvw)$	CDF	CDIF	CD	S
555	174	1	$\arctan(uvw)$	CD	CDI	CD	T
556	174	2	$\arctan(uvw)$	CD	CDIF	CDF	T
557	174	3	$\arctan(uvw)$	CDF	CDIF	CD	T
558	175	1	$\sqrt{1-u^2v^2w^2}$	CD	CDI	CD	P
559	175	2	$\sqrt{1-u^2v^2w^2}$	CD	CDIF	CDF	P
560	175	3	$\sqrt{1-u^2v^2w^2}$	CDF	CDIF	CD	P

561	176	1	$\sqrt{1 + u^2 v^2 w^2}$	CD	CDI	CD	H
562	176	2	$\sqrt{1 + u^2 v^2 w^2}$	CD	CDIF	CDF	H
563	176	3	$\sqrt{1 + u^2 v^2 w^2}$	CDF	CDIF	CD	H
564	177	1	$\frac{uv}{w}$	CD	CDI	CDI	CD
565	177	2	$\frac{uv}{w}$	CD	CDI	CDIF	CDF
566	177	3	$\frac{uv}{w}$	CD	CDIF	CDIF	CD
567	177	4	$\frac{uv}{w}$	CDI	CD	CD	CDI
568	177	5	$\frac{uv}{w}$	CDI	CD	CDF	CDIF
569	177	6	$\frac{uv}{w}$	CDI	CDF	CDF	CDI
570	177	7	$\frac{uv}{w}$	CDF	CDI	CDI	CDF
571	177	8	$\frac{uv}{w}$	CDF	CDIF	CDI	CD
572	177	9	$\frac{uv}{w}$	CDF	CDIF	CDIF	CDF
573	177	10	$\frac{uv}{w}$	CDIF	CD	CD	CDIF
574	177	11	$\frac{uv}{w}$	CDIF	CDF	CD	CDI
575	177	12	$\frac{uv}{w}$	CDIF	CDF	CDF	CDIF
576	178	1	$\frac{w}{uv}$	CD	CDI	CDI	CDI
577	178	2	$\frac{w}{uv}$	CD	CDI	CDIF	CDIF
578	178	3	$\frac{w}{uv}$	CD	CDIF	CDIF	CDI
579	178	4	$\frac{w}{uv}$	CDI	CD	CD	CD
580	178	5	$\frac{w}{uv}$	CDI	CD	CDF	CDF
581	178	6	$\frac{w}{uv}$	CDI	CDF	CDF	CD
582	178	7	$\frac{w}{uv}$	CDF	CDI	CDI	CDIF
583	178	8	$\frac{w}{uv}$	CDF	CDIF	CDI	CDI
584	178	9	$\frac{w}{uv}$	CDF	CDIF	CDIF	CDIF

585	178	10	$\frac{w}{uv}$	CDIF	CD	CD	CDF
586	178	11	$\frac{w}{uv}$	CDIF	CDF	CD	CD
587	178	12	$\frac{w}{uv}$	CDIF	CDF	CDF	CDF
588	179	1	$\frac{uv\pi}{w}$	CD	CDI	CDI	CDF
589	179	2	$\frac{uv\pi}{w}$	CD	CDIF	CDI	CD
590	179	3	$\frac{uv\pi}{w}$	CD	CDIF	CDIF	CDF
591	179	4	$\frac{uv\pi}{w}$	CDI	CD	CDF	CDI
592	179	5	$\frac{uv\pi}{w}$	CDF	CDIF	CDI	CDF
593	179	6	$\frac{uv\pi}{w}$	CDIF	CD	CD	CDI
594	179	7	$\frac{uv\pi}{w}$	CDIF	CD	CDF	CDIF
595	179	8	$\frac{uv\pi}{w}$	CDIF	CDF	CDF	CDI
596	180	1	$\frac{w}{uv\pi}$	CD	CDI	CDI	CDIF
597	180	2	$\frac{w}{uv\pi}$	CD	CDIF	CDI	CDI
598	180	3	$\frac{w}{uv\pi}$	CD	CDIF	CDIF	CDIF
599	180	4	$\frac{w}{uv\pi}$	CDI	CD	CDF	CD
600	180	5	$\frac{w}{uv\pi}$	CDF	CDIF	CDI	CDIF
601	180	6	$\frac{w}{uv\pi}$	CDIF	CD	CD	CD
602	180	7	$\frac{w}{uv\pi}$	CDIF	CD	CDF	CDF
603	180	8	$\frac{w}{uv\pi}$	CDIF	CDF	CDF	CD
604	181	1	$\frac{u^2v^2}{w^2}$	CD	CDI	CDI	AB
605	181	2	$\frac{u^2v^2}{w^2}$	CD	CDIF	CDIF	AB
606	181	3	$\frac{u^2v^2}{w^2}$	CDF	CDIF	CDI	AB

607	182	1	$\sqrt{\frac{uv}{w}}$	CD	CDI	CDI	R
608	182	2	$\sqrt{\frac{uv}{w}}$	CD	CDIF	CDIF	R
609	182	3	$\sqrt{\frac{uv}{w}}$	CDF	CDIF	CDI	R
610	183	1	$\frac{u^3v^3}{w^3}$	CD	CDI	CDI	K
611	183	2	$\frac{u^3v^3}{w^3}$	CD	CDIF	CDIF	K
612	183	3	$\frac{u^3v^3}{w^3}$	CDF	CDIF	CDI	K
613	184	1	$e^{\frac{uv}{w}}$	CD	CDI	CDI	E
614	184	2	$e^{\frac{uv}{w}}$	CD	CDIF	CDIF	E
615	184	3	$e^{\frac{uv}{w}}$	CDF	CDIF	CDI	E
616	185	1	$\log\left(\frac{uv}{w}\right)$	CD	CDI	CDI	L
617	185	2	$\log\left(\frac{uv}{w}\right)$	CD	CDIF	CDIF	L
618	185	3	$\log\left(\frac{uv}{w}\right)$	CDF	CDIF	CDI	L
619	186	1	$\arcsin\left(\frac{uv}{w}\right)$	CD	CDI	CDI	S
620	186	2	$\arcsin\left(\frac{uv}{w}\right)$	CD	CDIF	CDIF	S
621	186	3	$\arcsin\left(\frac{uv}{w}\right)$	CDF	CDIF	CDI	S
622	187	1	$\arctan\left(\frac{uv}{w}\right)$	CD	CDI	CDI	T
623	187	2	$\arctan\left(\frac{uv}{w}\right)$	CD	CDIF	CDIF	T
624	187	3	$\arctan\left(\frac{uv}{w}\right)$	CDF	CDIF	CDI	T
625	188	1	$\sqrt{-\frac{w^2 + u^2v^2}{w^2}}$	CD	CDI	CDI	P
626	188	2	$\sqrt{-\frac{w^2 + u^2v^2}{w^2}}$	CD	CDIF	CDIF	P

627	188	3	$\sqrt{-\frac{w^2 + u^2v^2}{w^2}}$	CDF	CDIF	CDI	P
628	189	1	$\sqrt{\frac{w^2 + u^2v^2}{w^2}}$	CD	CDI	CDI	H
629	189	2	$\sqrt{\frac{w^2 + u^2v^2}{w^2}}$	CD	CDIF	CDIF	H
630	189	3	$\sqrt{\frac{w^2 + u^2v^2}{w^2}}$	CDF	CDIF	CDI	H
631	190	1	$\frac{uvw}{\pi}$	CD	CDI	CDF	CD
632	190	2	$\frac{uvw}{\pi}$	CDI	CD	CDI	CDIF
633	190	3	$\frac{uvw}{\pi}$	CDI	CDF	CDI	CDI
634	190	4	$\frac{uvw}{\pi}$	CDI	CDF	CDIF	CDIF
635	190	5	$\frac{uvw}{\pi}$	CDF	CDI	CD	CD
636	190	6	$\frac{uvw}{\pi}$	CDF	CDI	CDF	CDF
637	190	7	$\frac{uvw}{\pi}$	CDF	CDIF	CDF	CD
638	190	8	$\frac{uvw}{\pi}$	CDIF	CDF	CDI	CDIF
639	191	1	$\frac{\pi}{uvw}$	CD	CDI	CDF	CDI
640	191	2	$\frac{\pi}{uvw}$	CDI	CD	CDI	CDF
641	191	3	$\frac{\pi}{uvw}$	CDI	CDF	CDI	CD
642	191	4	$\frac{\pi}{uvw}$	CDI	CDF	CDIF	CDF
643	191	5	$\frac{\pi}{uvw}$	CDF	CDI	CD	CDI
644	191	6	$\frac{\pi}{uvw}$	CDF	CDI	CDF	CDIF
645	191	7	$\frac{\pi}{uvw}$	CDF	CDIF	CDF	CDI
646	191	8	$\frac{\pi}{uvw}$	CDIF	CDF	CDI	CDF
647	192	1	$\frac{u^2v^2w^2}{\pi^2}$	CD	CDI	CDF	AB

648	192	2	$\frac{u^2 v^2 w^2}{\pi^2}$	CDF	CDI	CD	AB
649	192	3	$\frac{u^2 v^2 w^2}{\pi^2}$	CDF	CDIF	CDF	AB
650	193	1	$\sqrt{\frac{uvw}{\pi}}$	CD	CDI	CDF	R
651	193	2	$\sqrt{\frac{uvw}{\pi}}$	CDF	CDI	CD	R
652	193	3	$\sqrt{\frac{uvw}{\pi}}$	CDF	CDIF	CDF	R
653	194	1	$\frac{u^3 v^3 w^3}{\pi^3}$	CD	CDI	CDF	K
654	194	2	$\frac{u^3 v^3 w^3}{\pi^3}$	CDF	CDI	CD	K
655	194	3	$\frac{u^3 v^3 w^3}{\pi^3}$	CDF	CDIF	CDF	K
656	195	1	$e^{\frac{uvw}{\pi}}$	CD	CDI	CDF	E
657	195	2	$e^{\frac{uvw}{\pi}}$	CDF	CDI	CD	E
658	195	3	$e^{\frac{uvw}{\pi}}$	CDF	CDIF	CDF	E
659	196	1	$\log\left(\frac{uvw}{\pi}\right)$	CD	CDI	CDF	L
660	196	2	$\log\left(\frac{uvw}{\pi}\right)$	CDF	CDI	CD	L
661	196	3	$\log\left(\frac{uvw}{\pi}\right)$	CDF	CDIF	CDF	L
662	197	1	$\arcsin\left(\frac{uvw}{\pi}\right)$	CD	CDI	CDF	S
663	197	2	$\arcsin\left(\frac{uvw}{\pi}\right)$	CDF	CDI	CD	S
664	197	3	$\arcsin\left(\frac{uvw}{\pi}\right)$	CDF	CDIF	CDF	S
665	198	1	$\arctan\left(\frac{uvw}{\pi}\right)$	CD	CDI	CDF	T
666	198	2	$\arctan\left(\frac{uvw}{\pi}\right)$	CDF	CDI	CD	T
667	198	3	$\arctan\left(\frac{uvw}{\pi}\right)$	CDF	CDIF	CDF	T

668	199	1	$\sqrt{-\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CD	CDI	CDF	P
669	199	2	$\sqrt{-\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CDF	CDI	CD	P
670	199	3	$\sqrt{-\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CDF	CDIF	CDF	P
671	200	1	$\sqrt{\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CD	CDI	CDF	H
672	200	2	$\sqrt{\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CDF	CDI	CD	H
673	200	3	$\sqrt{\frac{\pi^2 + u^2 v^2 w^2}{\pi^2}}$	CDF	CDIF	CDF	H
674	201	1	$\frac{uv}{w\pi}$	CD	CDI	CDIF	CD
675	201	2	$\frac{uv}{w\pi}$	CDI	CD	CD	CDIF
676	201	3	$\frac{uv}{w\pi}$	CDI	CDF	CD	CDI
677	201	4	$\frac{uv}{w\pi}$	CDI	CDF	CDF	CDIF
678	201	5	$\frac{uv}{w\pi}$	CDF	CDI	CDI	CD
679	201	6	$\frac{uv}{w\pi}$	CDF	CDI	CDIF	CDF
680	201	7	$\frac{uv}{w\pi}$	CDF	CDIF	CDIF	CD
681	201	8	$\frac{uv}{w\pi}$	CDIF	CDF	CD	CDIF
682	202	1	$\frac{w\pi}{uv}$	CD	CDI	CDIF	CDI
683	202	2	$\frac{w\pi}{uv}$	CDI	CD	CD	CDF
684	202	3	$\frac{w\pi}{uv}$	CDI	CDF	CD	CD
685	202	4	$\frac{w\pi}{uv}$	CDI	CDF	CDF	CDF
686	202	5	$\frac{w\pi}{uv}$	CDF	CDI	CDI	CDI
687	202	6	$\frac{w\pi}{uv}$	CDF	CDI	CDIF	CDIF
688	202	7	$\frac{w\pi}{uv}$	CDF	CDIF	CDIF	CDI
689	202	8	$\frac{w\pi}{uv}$	CDIF	CDF	CD	CDF

690	203	1	$\frac{u^2 v^2}{w^2 \pi^2}$	CD	CDI	CDIF	AB
691	203	2	$\frac{u^2 v^2}{w^2 \pi^2}$	CDF	CDI	CDI	AB
692	203	3	$\frac{u^2 v^2}{w^2 \pi^2}$	CDF	CDIF	CDIF	AB
693	204	1	$\sqrt{\frac{uv}{w\pi}}$	CD	CDI	CDIF	R
694	204	2	$\sqrt{\frac{uv}{w\pi}}$	CDF	CDI	CDI	R
695	204	3	$\sqrt{\frac{uv}{w\pi}}$	CDF	CDIF	CDIF	R
696	205	1	$\frac{u^3 v^3}{w^3 \pi^3}$	CD	CDI	CDIF	K
697	205	2	$\frac{u^3 v^3}{w^3 \pi^3}$	CDF	CDI	CDI	K
698	205	3	$\frac{u^3 v^3}{w^3 \pi^3}$	CDF	CDIF	CDIF	K
699	206	1	$e^{\frac{uv}{w\pi}}$	CD	CDI	CDIF	E
700	206	2	$e^{\frac{uv}{w\pi}}$	CDF	CDI	CDI	E
701	206	3	$e^{\frac{uv}{w\pi}}$	CDF	CDIF	CDIF	E
702	207	1	$\log\left(\frac{uv}{w\pi}\right)$	CD	CDI	CDIF	L
703	207	2	$\log\left(\frac{uv}{w\pi}\right)$	CDF	CDI	CDI	L
704	207	3	$\log\left(\frac{uv}{w\pi}\right)$	CDF	CDIF	CDIF	L
705	208	1	$\arcsin\left(\frac{uv}{w\pi}\right)$	CD	CDI	CDIF	S
706	208	2	$\arcsin\left(\frac{uv}{w\pi}\right)$	CDF	CDI	CDI	S
707	208	3	$\arcsin\left(\frac{uv}{w\pi}\right)$	CDF	CDIF	CDIF	S
708	209	1	$\arctan\left(\frac{uv}{w\pi}\right)$	CD	CDI	CDIF	T
709	209	2	$\arctan\left(\frac{uv}{w\pi}\right)$	CDF	CDI	CDI	T

710	209	3	$\arctan\left(\frac{uv}{w\pi}\right)$	CDF	CDIF	CDIF	T
711	210	1	$\sqrt{-\frac{-w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CD	CDI	CDIF	P
712	210	2	$\sqrt{-\frac{-w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CDF	CDI	CDI	P
713	210	3	$\sqrt{-\frac{-w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CDF	CDIF	CDIF	P
714	211	1	$\sqrt{\frac{w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CD	CDI	CDIF	H
715	211	2	$\sqrt{\frac{w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CDF	CDI	CDI	H
716	211	3	$\sqrt{\frac{w^2\pi^2 + u^2v^2}{w^2\pi^2}}$	CDF	CDIF	CDIF	H
717	212	1	$uv\sqrt{w}$	CD	CDI	AB	CD
718	212	2	$uv\sqrt{w}$	CDF	CDI	AB	CDF
719	212	3	$uv\sqrt{w}$	CDF	CDIF	AB	CD
720	213	1	$\frac{1}{uv\sqrt{w}}$	CD	CDI	AB	CDI
721	213	2	$\frac{1}{uv\sqrt{w}}$	CDF	CDI	AB	CDIF
722	213	3	$\frac{1}{uv\sqrt{w}}$	CDF	CDIF	AB	CDI
723	214	1	$uv\sqrt{w\pi}$	CD	CDI	AB	CDF
724	214	2	$uv\sqrt{w\pi}$	CD	CDIF	AB	CD
725	214	3	$uv\sqrt{w\pi}$	CDF	CDIF	AB	CDF
726	215	1	$\frac{1}{uv\sqrt{w\pi}}$	CD	CDI	AB	CDIF
727	215	2	$\frac{1}{uv\sqrt{w\pi}}$	CD	CDIF	AB	CDI
728	215	3	$\frac{1}{uv\sqrt{w\pi}}$	CDF	CDIF	AB	CDIF
729	216	1	u^2v^2w	CD	CDI	AB	AB

730	216	2	u^2v^2w	CDF	CDIF	AB	AB
731	217	1	$\sqrt{uv\sqrt{w}}$	CD	CDI	AB	R
732	217	2	$\sqrt{uv\sqrt{w}}$	CDF	CDIF	AB	R
733	218	1	$u^3v^3w^{3/2}$	CD	CDI	AB	K
734	218	2	$u^3v^3w^{3/2}$	CDF	CDIF	AB	K
735	219	1	$e^{uv\sqrt{w}}$	CD	CDI	AB	E
736	219	2	$e^{uv\sqrt{w}}$	CDF	CDIF	AB	E
737	220	1	$\log(uv\sqrt{w})$	CD	CDI	AB	L
738	220	2	$\log(uv\sqrt{w})$	CDF	CDIF	AB	L
739	221	1	$\arcsin(uv\sqrt{w})$	CD	CDI	AB	S
740	221	2	$\arcsin(uv\sqrt{w})$	CDF	CDIF	AB	S
741	222	1	$\arctan(uv\sqrt{w})$	CD	CDI	AB	T
742	222	2	$\arctan(uv\sqrt{w})$	CDF	CDIF	AB	T
743	223	1	$\sqrt{1-u^2v^2w}$	CD	CDI	AB	P
744	223	2	$\sqrt{1-u^2v^2w}$	CDF	CDIF	AB	P
745	224	1	$\sqrt{1+u^2v^2w}$	CD	CDI	AB	H
746	224	2	$\sqrt{1+u^2v^2w}$	CDF	CDIF	AB	H
747	225	1	uvw^2	CD	CDI	R	CD
748	225	2	uvw^2	CDF	CDI	R	CDF
749	225	3	uvw^2	CDF	CDIF	R	CD
750	226	1	$\frac{1}{uvw^2}$	CD	CDI	R	CDI
751	226	2	$\frac{1}{uvw^2}$	CDF	CDI	R	CDIF

752	226	3	$\frac{1}{uvw^2}$	CDF	CDIF	R	CDI
753	227	1	$uvw^2\pi$	CD	CDI	R	CDF
754	227	2	$uvw^2\pi$	CD	CDIF	R	CD
755	227	3	$uvw^2\pi$	CDF	CDIF	R	CDF
756	228	1	$\frac{1}{uvw^2\pi}$	CD	CDI	R	CDIF
757	228	2	$\frac{1}{uvw^2\pi}$	CD	CDIF	R	CDI
758	228	3	$\frac{1}{uvw^2\pi}$	CDF	CDIF	R	CDIF
759	229	1	$u^2v^2w^4$	CD	CDI	R	AB
760	229	2	$u^2v^2w^4$	CDF	CDIF	R	AB
761	230	1	$\sqrt{uvw^2}$	CD	CDI	R	R
762	230	2	$\sqrt{uvw^2}$	CDF	CDIF	R	R
763	231	1	$u^3v^3w^6$	CD	CDI	R	K
764	231	2	$u^3v^3w^6$	CDF	CDIF	R	K
765	232	1	e^{uvw^2}	CD	CDI	R	E
766	232	2	e^{uvw^2}	CDF	CDIF	R	E
767	233	1	$\log(uvw^2)$	CD	CDI	R	L
768	233	2	$\log(uvw^2)$	CDF	CDIF	R	L
769	234	1	$\arcsin(uvw^2)$	CD	CDI	R	S
770	234	2	$\arcsin(uvw^2)$	CDF	CDIF	R	S
771	235	1	$\arctan(uvw^2)$	CD	CDI	R	T
772	235	2	$\arctan(uvw^2)$	CDF	CDIF	R	T
773	236	1	$\sqrt{1-u^2v^2w^4}$	CD	CDI	R	P

774	236	2	$\sqrt{1 - u^2 v^2 w^4}$	CDF	CDIF	R	P
775	237	1	$\sqrt{1 + u^2 v^2 w^4}$	CD	CDI	R	H
776	237	2	$\sqrt{1 + u^2 v^2 w^4}$	CDF	CDIF	R	H
777	238	1	$uv\sqrt[3]{w}$	CD	CDI	K	CD
778	238	2	$uv\sqrt[3]{w}$	CDF	CDI	K	CDF
779	238	3	$uv\sqrt[3]{w}$	CDF	CDIF	K	CD
780	239	1	$\frac{1}{uv\sqrt[3]{w}}$	CD	CDI	K	CDI
781	239	2	$\frac{1}{uv\sqrt[3]{w}}$	CDF	CDI	K	CDIF
782	239	3	$\frac{1}{uv\sqrt[3]{w}}$	CDF	CDIF	K	CDI
783	240	1	$uv\sqrt[3]{w\pi}$	CD	CDI	K	CDF
784	240	2	$uv\sqrt[3]{w\pi}$	CD	CDIF	K	CD
785	240	3	$uv\sqrt[3]{w\pi}$	CDF	CDIF	K	CDF
786	241	1	$\frac{1}{uv\sqrt[3]{w\pi}}$	CD	CDI	K	CDIF
787	241	2	$\frac{1}{uv\sqrt[3]{w\pi}}$	CD	CDIF	K	CDI
788	241	3	$\frac{1}{uv\sqrt[3]{w\pi}}$	CDF	CDIF	K	CDIF
789	242	1	$u^2 v^2 w^{2/3}$	CD	CDI	K	AB
790	242	2	$u^2 v^2 w^{2/3}$	CDF	CDIF	K	AB
791	243	1	$\sqrt{uv\sqrt[3]{w}}$	CD	CDI	K	R
792	243	2	$\sqrt{uv\sqrt[3]{w}}$	CDF	CDIF	K	R
793	244	1	$u^3 v^3 w$	CD	CDI	K	K
794	244	2	$u^3 v^3 w$	CDF	CDIF	K	K

795	245	1	$e^{uv \sqrt[3]{w}}$	CD	CDI	K	E
796	245	2	$e^{uv \sqrt[3]{w}}$	CDF	CDIF	K	E
797	246	1	$\log(uv \sqrt[3]{w})$	CD	CDI	K	L
798	246	2	$\log(uv \sqrt[3]{w})$	CDF	CDIF	K	L
799	247	1	$\arcsin(uv \sqrt[3]{w})$	CD	CDI	K	S
800	247	2	$\arcsin(uv \sqrt[3]{w})$	CDF	CDIF	K	S
801	248	1	$\arctan(uv \sqrt[3]{w})$	CD	CDI	K	T
802	248	2	$\arctan(uv \sqrt[3]{w})$	CDF	CDIF	K	T
803	249	1	$\sqrt{1 - u^2 v^2 w^{2/3}}$	CD	CDI	K	P
804	249	2	$\sqrt{1 - u^2 v^2 w^{2/3}}$	CDF	CDIF	K	P
805	250	1	$\sqrt{1 + u^2 v^2 w^{2/3}}$	CD	CDI	K	H
806	250	2	$\sqrt{1 + u^2 v^2 w^{2/3}}$	CDF	CDIF	K	H
807	251	1	$uv \ln(w)$	CD	CDI	E	CD
808	251	2	$uv \ln(w)$	CDF	CDI	E	CDF
809	251	3	$uv \ln(w)$	CDF	CDIF	E	CD
810	252	1	$\frac{1}{uv \ln(w)}$	CD	CDI	E	CDI
811	252	2	$\frac{1}{uv \ln(w)}$	CDF	CDI	E	CDIF
812	252	3	$\frac{1}{uv \ln(w)}$	CDF	CDIF	E	CDI
813	253	1	$uv \ln(w) \pi$	CD	CDI	E	CDF
814	253	2	$uv \ln(w) \pi$	CD	CDIF	E	CD
815	253	3	$uv \ln(w) \pi$	CDF	CDIF	E	CDF
816	254	1	$\frac{1}{uv \ln(w) \pi}$	CD	CDI	E	CDIF

817	254	2	$\frac{1}{uv \ln(w) \pi}$	CD	CDIF	E	CDI
818	254	3	$\frac{1}{uv \ln(w) \pi}$	CDF	CDIF	E	CDIF
819	255	1	$u^2 v^2 (\ln(w))^2$	CD	CDI	E	AB
820	255	2	$u^2 v^2 (\ln(w))^2$	CDF	CDIF	E	AB
821	256	1	$\sqrt{uv \ln(w)}$	CD	CDI	E	R
822	256	2	$\sqrt{uv \ln(w)}$	CDF	CDIF	E	R
823	257	1	$u^3 v^3 (\ln(w))^3$	CD	CDI	E	K
824	257	2	$u^3 v^3 (\ln(w))^3$	CDF	CDIF	E	K
825	258	1	w^{uv}	CD	CDI	E	E
826	258	2	w^{uv}	CDF	CDIF	E	E
827	259	1	$\log(uv \ln(w))$	CD	CDI	E	L
828	259	2	$\log(uv \ln(w))$	CDF	CDIF	E	L
829	260	1	$\arcsin(uv \ln(w))$	CD	CDI	E	S
830	260	2	$\arcsin(uv \ln(w))$	CDF	CDIF	E	S
831	261	1	$\arctan(uv \ln(w))$	CD	CDI	E	T
832	261	2	$\arctan(uv \ln(w))$	CDF	CDIF	E	T
833	262	1	$\sqrt{1 - u^2 v^2 (\ln(w))^2}$	CD	CDI	E	P
834	262	2	$\sqrt{1 - u^2 v^2 (\ln(w))^2}$	CDF	CDIF	E	P
835	263	1	$\sqrt{1 + u^2 v^2 (\ln(w))^2}$	CD	CDI	E	H
836	263	2	$\sqrt{1 + u^2 v^2 (\ln(w))^2}$	CDF	CDIF	E	H
837	264	1	$uv \text{Exp}(w)$	CD	CDI	L	CD

838	264	2	$uvExp(w)$	CDF	CDI	L	CDF
839	264	3	$uvExp(w)$	CDF	CDIF	L	CD
840	265	1	$\frac{1}{uvExp(w)}$	CD	CDI	L	CDI
841	265	2	$\frac{1}{uvExp(w)}$	CDF	CDI	L	CDIF
842	265	3	$\frac{1}{uvExp(w)}$	CDF	CDIF	L	CDI
843	266	1	$uvExp(w) \pi$	CD	CDI	L	CDF
844	266	2	$uvExp(w) \pi$	CD	CDIF	L	CD
845	266	3	$uvExp(w) \pi$	CDF	CDIF	L	CDF
846	267	1	$\frac{1}{uvExp(w) \pi}$	CD	CDI	L	CDIF
847	267	2	$\frac{1}{uvExp(w) \pi}$	CD	CDIF	L	CDI
848	267	3	$\frac{1}{uvExp(w) \pi}$	CDF	CDIF	L	CDIF
849	268	1	$u^2 v^2 (Exp(w))^2$	CD	CDI	L	AB
850	268	2	$u^2 v^2 (Exp(w))^2$	CDF	CDIF	L	AB
851	269	1	$\sqrt{uvExp(w)}$	CD	CDI	L	R
852	269	2	$\sqrt{uvExp(w)}$	CDF	CDIF	L	R
853	270	1	$u^3 v^3 (Exp(w))^3$	CD	CDI	L	K
854	270	2	$u^3 v^3 (Exp(w))^3$	CDF	CDIF	L	K
855	271	1	$e^{uvExp(w)}$	CD	CDI	L	E
856	271	2	$e^{uvExp(w)}$	CDF	CDIF	L	E
857	272	1	$\log(uvExp(w))$	CD	CDI	L	L
858	272	2	$\log(uvExp(w))$	CDF	CDIF	L	L
859	273	1	$\arcsin(uvExp(w))$	CD	CDI	L	S

860	273	2	$\arcsin (uv \text{Exp}(w))$	CDF	CDIF	L	S
861	274	1	$\arctan (uv \text{Exp}(w))$	CD	CDI	L	T
862	274	2	$\arctan (uv \text{Exp}(w))$	CDF	CDIF	L	T
863	275	1	$\sqrt{1-u^2 v^2 (\text{Exp}(w))^2}$	CD	CDI	L	P
864	275	2	$\sqrt{1-u^2 v^2 (\text{Exp}(w))^2}$	CDF	CDIF	L	P
865	276	1	$\sqrt{1+u^2 v^2 (\text{Exp}(w))^2}$	CD	CDI	L	H
866	276	2	$\sqrt{1+u^2 v^2 (\text{Exp}(w))^2}$	CDF	CDIF	L	H
867	277	1	$uv \sin (w)$	CD	CDI	S	CD
868	277	2	$uv \sin (w)$	CDF	CDI	S	CDF
869	277	3	$uv \sin (w)$	CDF	CDIF	S	CD
870	278	1	$\frac{1}{uv \sin (w)}$	CD	CDI	S	CDI
871	278	2	$\frac{1}{uv \sin (w)}$	CDF	CDI	S	CDIF
872	278	3	$\frac{1}{uv \sin (w)}$	CDF	CDIF	S	CDI
873	279	1	$uv \sin (w) \pi$	CD	CDI	S	CDF
874	279	2	$uv \sin (w) \pi$	CD	CDIF	S	CD
875	279	3	$uv \sin (w) \pi$	CDF	CDIF	S	CDF
876	280	1	$\frac{1}{uv \sin (w) \pi}$	CD	CDI	S	CDIF
877	280	2	$\frac{1}{uv \sin (w) \pi}$	CD	CDIF	S	CDI
878	280	3	$\frac{1}{uv \sin (w) \pi}$	CDF	CDIF	S	CDIF
879	281	1	$u^2 v^2 (\sin (w))^2$	CD	CDI	S	AB
880	281	2	$u^2 v^2 (\sin (w))^2$	CDF	CDIF	S	AB

881	282	1	$\sqrt{uv \sin(w)}$	CD	CDI	S	R
882	282	2	$\sqrt{uv \sin(w)}$	CDF	CDIF	S	R
883	283	1	$u^3 v^3 (\sin(w))^3$	CD	CDI	S	K
884	283	2	$u^3 v^3 (\sin(w))^3$	CDF	CDIF	S	K
885	284	1	$e^{uv \sin(w)}$	CD	CDI	S	E
886	284	2	$e^{uv \sin(w)}$	CDF	CDIF	S	E
887	285	1	$\log(uv \sin(w))$	CD	CDI	S	L
888	285	2	$\log(uv \sin(w))$	CDF	CDIF	S	L
889	286	1	$\arcsin(uv \sin(w))$	CD	CDI	S	S
890	286	2	$\arcsin(uv \sin(w))$	CDF	CDIF	S	S
891	287	1	$\arctan(uv \sin(w))$	CD	CDI	S	T
892	287	2	$\arctan(uv \sin(w))$	CDF	CDIF	S	T
893	288	1	$\sqrt{1 - u^2 v^2 + u^2 v^2 (\cos(w))^2}$	CD	CDI	S	P
894	288	2	$\sqrt{1 - u^2 v^2 + u^2 v^2 (\cos(w))^2}$	CDF	CDIF	S	P
895	289	1	$\sqrt{1 + u^2 v^2 - u^2 v^2 (\cos(w))^2}$	CD	CDI	S	H
896	289	2	$\sqrt{1 + u^2 v^2 - u^2 v^2 (\cos(w))^2}$	CDF	CDIF	S	H
897	290	1	$uv \tan(w)$	CD	CDI	T	CD
898	290	2	$uv \tan(w)$	CDF	CDI	T	CDF
899	290	3	$uv \tan(w)$	CDF	CDIF	T	CD
900	291	1	$\frac{1}{uv \tan(w)}$	CD	CDI	T	CDI
901	291	2	$\frac{1}{uv \tan(w)}$	CDF	CDI	T	CDIF
902	291	3	$\frac{1}{uv \tan(w)}$	CDF	CDIF	T	CDI

903	292	1	$uv \tan(w) \pi$	CD	CDI	T	CDF
904	292	2	$uv \tan(w) \pi$	CD	CDIF	T	CD
905	292	3	$uv \tan(w) \pi$	CDF	CDIF	T	CDF
906	293	1	$\frac{1}{uv \tan(w) \pi}$	CD	CDI	T	CDIF
907	293	2	$\frac{1}{uv \tan(w) \pi}$	CD	CDIF	T	CDI
908	293	3	$\frac{1}{uv \tan(w) \pi}$	CDF	CDIF	T	CDIF
909	294	1	$u^2 v^2 (\tan(w))^2$	CD	CDI	T	AB
910	294	2	$u^2 v^2 (\tan(w))^2$	CDF	CDIF	T	AB
911	295	1	$\sqrt{uv \tan(w)}$	CD	CDI	T	R
912	295	2	$\sqrt{uv \tan(w)}$	CDF	CDIF	T	R
913	296	1	$u^3 v^3 (\tan(w))^3$	CD	CDI	T	K
914	296	2	$u^3 v^3 (\tan(w))^3$	CDF	CDIF	T	K
915	297	1	$e^{uv \tan(w)}$	CD	CDI	T	E
916	297	2	$e^{uv \tan(w)}$	CDF	CDIF	T	E
917	298	1	$\log(uv \tan(w))$	CD	CDI	T	L
918	298	2	$\log(uv \tan(w))$	CDF	CDIF	T	L
919	299	1	$\arcsin(uv \tan(w))$	CD	CDI	T	S
920	299	2	$\arcsin(uv \tan(w))$	CDF	CDIF	T	S
921	300	1	$\arctan(uv \tan(w))$	CD	CDI	T	T
922	300	2	$\arctan(uv \tan(w))$	CDF	CDIF	T	T
923	301	1	$\sqrt{1 - u^2 v^2 (\tan(w))^2}$	CD	CDI	T	P
924	301	2	$\sqrt{1 - u^2 v^2 (\tan(w))^2}$	CDF	CDIF	T	P

925	302	1	$\sqrt{1 + u^2 v^2 (\tan(w))^2}$	CD	CDI	T	H
926	302	2	$\sqrt{1 + u^2 v^2 (\tan(w))^2}$	CDF	CDIF	T	H
927	303	1	$uv\sqrt{1 - w^2}$	CD	CDI	P	CD
928	303	2	$uv\sqrt{1 - w^2}$	CDF	CDI	P	CDF
929	303	3	$uv\sqrt{1 - w^2}$	CDF	CDIF	P	CD
930	304	1	$\frac{1}{uv\sqrt{1 - w^2}}$	CD	CDI	P	CDI
931	304	2	$\frac{1}{uv\sqrt{1 - w^2}}$	CDF	CDI	P	CDIF
932	304	3	$\frac{1}{uv\sqrt{1 - w^2}}$	CDF	CDIF	P	CDI
933	305	1	$uv\sqrt{1 - w^2}\pi$	CD	CDI	P	CDF
934	305	2	$uv\sqrt{1 - w^2}\pi$	CD	CDIF	P	CD
935	305	3	$uv\sqrt{1 - w^2}\pi$	CDF	CDIF	P	CDF
936	306	1	$\frac{1}{uv\sqrt{1 - w^2}\pi}$	CD	CDI	P	CDIF
937	306	2	$\frac{1}{uv\sqrt{1 - w^2}\pi}$	CD	CDIF	P	CDI
938	306	3	$\frac{1}{uv\sqrt{1 - w^2}\pi}$	CDF	CDIF	P	CDIF
939	307	1	$-u^2 v^2 (-1 + w^2)$	CD	CDI	P	AB
940	307	2	$-u^2 v^2 (-1 + w^2)$	CDF	CDIF	P	AB
941	308	1	$\sqrt{uv\sqrt{1 - w^2}}$	CD	CDI	P	R
942	308	2	$\sqrt{uv\sqrt{1 - w^2}}$	CDF	CDIF	P	R
943	309	1	$u^3 v^3 (1 - w^2)^{3/2}$	CD	CDI	P	K
944	309	2	$u^3 v^3 (1 - w^2)^{3/2}$	CDF	CDIF	P	K

945	310	1	$e^{uv\sqrt{1-w^2}}$	CD	CDI	P	E
946	310	2	$e^{uv\sqrt{1-w^2}}$	CDF	CDIF	P	E
947	311	1	$\log\left(uv\sqrt{1-w^2}\right)$	CD	CDI	P	L
948	311	2	$\log\left(uv\sqrt{1-w^2}\right)$	CDF	CDIF	P	L
949	312	1	$\arcsin\left(uv\sqrt{1-w^2}\right)$	CD	CDI	P	S
950	312	2	$\arcsin\left(uv\sqrt{1-w^2}\right)$	CDF	CDIF	P	S
951	313	1	$\arctan\left(uv\sqrt{1-w^2}\right)$	CD	CDI	P	T
952	313	2	$\arctan\left(uv\sqrt{1-w^2}\right)$	CDF	CDIF	P	T
953	314	1	$\sqrt{1-u^2v^2+u^2v^2w^2}$	CD	CDI	P	P
954	314	2	$\sqrt{1-u^2v^2+u^2v^2w^2}$	CD	CDI	H	H
955	314	3	$\sqrt{1-u^2v^2+u^2v^2w^2}$	CDF	CDIF	P	P
956	314	4	$\sqrt{1-u^2v^2+u^2v^2w^2}$	CDF	CDIF	H	H
957	315	1	$\sqrt{1+u^2v^2-u^2v^2w^2}$	CD	CDI	P	H
958	315	2	$\sqrt{1+u^2v^2-u^2v^2w^2}$	CD	CDI	H	P
959	315	3	$\sqrt{1+u^2v^2-u^2v^2w^2}$	CDF	CDIF	P	H
960	315	4	$\sqrt{1+u^2v^2-u^2v^2w^2}$	CDF	CDIF	H	P
961	316	1	$uv\sqrt{-1+w^2}$	CD	CDI	H	CD
962	316	2	$uv\sqrt{-1+w^2}$	CDF	CDI	H	CDF
963	316	3	$uv\sqrt{-1+w^2}$	CDF	CDIF	H	CD
964	317	1	$\frac{1}{uv\sqrt{-1+w^2}}$	CD	CDI	H	CDI
965	317	2	$\frac{1}{uv\sqrt{-1+w^2}}$	CDF	CDI	H	CDIF
966	317	3	$\frac{1}{uv\sqrt{-1+w^2}}$	CDF	CDIF	H	CDI
967	318	1	$uv\sqrt{-1+w^2}\pi$	CD	CDI	H	CDF

968	318	2	$uv\sqrt{-1+w^2}\pi$	CD	CDIF	H	CD
969	318	3	$uv\sqrt{-1+w^2}\pi$	CDF	CDIF	H	CDF
970	319	1	$\frac{1}{uv\sqrt{-1+w^2}\pi}$	CD	CDI	H	CDIF
971	319	2	$\frac{1}{uv\sqrt{-1+w^2}\pi}$	CD	CDIF	H	CDI
972	319	3	$\frac{1}{uv\sqrt{-1+w^2}\pi}$	CDF	CDIF	H	CDIF
973	320	1	$u^2v^2(-1+w^2)$	CD	CDI	H	AB
974	320	2	$u^2v^2(-1+w^2)$	CDF	CDIF	H	AB
975	321	1	$\sqrt{uv\sqrt{-1+w^2}}$	CD	CDI	H	R
976	321	2	$\sqrt{uv\sqrt{-1+w^2}}$	CDF	CDIF	H	R
977	322	1	$u^3v^3(-1+w^2)^{3/2}$	CD	CDI	H	K
978	322	2	$u^3v^3(-1+w^2)^{3/2}$	CDF	CDIF	H	K
979	323	1	$e^{uv\sqrt{-1+w^2}}$	CD	CDI	H	E
980	323	2	$e^{uv\sqrt{-1+w^2}}$	CDF	CDIF	H	E
981	324	1	$\log\left(uv\sqrt{-1+w^2}\right)$	CD	CDI	H	L
982	324	2	$\log\left(uv\sqrt{-1+w^2}\right)$	CDF	CDIF	H	L
983	325	1	$\arcsin\left(uv\sqrt{-1+w^2}\right)$	CD	CDI	H	S
984	325	2	$\arcsin\left(uv\sqrt{-1+w^2}\right)$	CDF	CDIF	H	S
985	326	1	$\arctan\left(uv\sqrt{-1+w^2}\right)$	CD	CDI	H	T
986	326	2	$\arctan\left(uv\sqrt{-1+w^2}\right)$	CDF	CDIF	H	T
987	327	1	$\frac{uw\pi^2}{v}$	CD	CDF	CD	CDF

988	327	2	$\frac{uw\pi^2}{v}$	CDIF	CDI	CDIF	CDI
989	328	1	$\frac{v}{uw\pi^2}$	CD	CDF	CD	CDIF
990	328	2	$\frac{v}{uw\pi^2}$	CDIF	CDI	CDIF	CD
991	329	1	$\frac{u^2w^2\pi^2}{v^2}$	CD	CDF	CD	AB
992	330	1	$\sqrt{\frac{uw\pi}{v}}$	CD	CDF	CD	R
993	331	1	$\frac{u^3w^3\pi^3}{v^3}$	CD	CDF	CD	K
994	332	1	$e^{\frac{uw\pi}{v}}$	CD	CDF	CD	E
995	333	1	$\log\left(\frac{uw\pi}{v}\right)$	CD	CDF	CD	L
996	334	1	$\arcsin\left(\frac{uw\pi}{v}\right)$	CD	CDF	CD	S
997	335	1	$\arctan\left(\frac{uw\pi}{v}\right)$	CD	CDF	CD	T
998	336	1	$\sqrt{-\frac{v^2 + u^2w^2\pi^2}{v^2}}$	CD	CDF	CD	P
999	337	1	$\sqrt{\frac{v^2 + u^2w^2\pi^2}{v^2}}$	CD	CDF	CD	H
1000	338	1	$\frac{u\pi^2}{vw}$	CD	CDF	CDI	CDF
1001	338	2	$\frac{u\pi^2}{vw}$	CDIF	CDI	CDF	CDI
1002	339	1	$\frac{vw}{u\pi^2}$	CD	CDF	CDI	CDIF
1003	339	2	$\frac{vw}{u\pi^2}$	CDIF	CDI	CDF	CD

1004	340	1	$\frac{u^2\pi^2}{v^2w^2}$	CD	CDF	CDI	AB
1005	341	1	$\sqrt{\frac{u\pi}{vw}}$	CD	CDF	CDI	R
1006	342	1	$\frac{u^3\pi^3}{v^3w^3}$	CD	CDF	CDI	K
1007	343	1	$e^{\frac{u\pi}{vw}}$	CD	CDF	CDI	E
1008	344	1	$\log\left(\frac{u\pi}{vw}\right)$	CD	CDF	CDI	L
1009	345	1	$\arcsin\left(\frac{u\pi}{vw}\right)$	CD	CDF	CDI	S
1010	346	1	$\arctan\left(\frac{u\pi}{vw}\right)$	CD	CDF	CDI	T
1011	347	1	$\sqrt{-\frac{v^2w^2 + u^2\pi^2}{v^2w^2}}$	CD	CDF	CDI	P
1012	348	1	$\sqrt{\frac{v^2w^2 + u^2\pi^2}{v^2w^2}}$	CD	CDF	CDI	H
1013	349	1	$\frac{u\sqrt{w}\pi^2}{v}$	CD	CDF	AB	CDF
1014	350	1	$\frac{v}{u\sqrt{w}\pi^2}$	CD	CDF	AB	CDIF
1015	351	1	$\frac{u^2w\pi^2}{v^2}$	CD	CDF	AB	AB
1016	352	1	$\sqrt{\frac{u\sqrt{w}\pi}{v}}$	CD	CDF	AB	R
1017	353	1	$\frac{u^3w^{3/2}\pi^3}{v^3}$	CD	CDF	AB	K
1018	354	1	$e^{\frac{u\sqrt{w}\pi}{v}}$	CD	CDF	AB	E

1019	355	1	$\log\left(\frac{u\sqrt{w\pi}}{v}\right)$	CD	CDF	AB	L
1020	356	1	$\arcsin\left(\frac{u\sqrt{w\pi}}{v}\right)$	CD	CDF	AB	S
1021	357	1	$\arctan\left(\frac{u\sqrt{w\pi}}{v}\right)$	CD	CDF	AB	T
1022	358	1	$\sqrt{-\frac{v^2 + u^2 w \pi^2}{v^2}}$	CD	CDF	AB	P
1023	359	1	$\sqrt{\frac{v^2 + u^2 w \pi^2}{v^2}}$	CD	CDF	AB	H
1024	360	1	$\frac{uw^2\pi^2}{v}$	CD	CDF	R	CDF
1025	361	1	$\frac{v}{uw^2\pi^2}$	CD	CDF	R	CDIF
1026	362	1	$\frac{u^2 w^4 \pi^2}{v^2}$	CD	CDF	R	AB
1027	363	1	$\sqrt{\frac{uw^2\pi}{v}}$	CD	CDF	R	R
1028	364	1	$\frac{u^3 w^6 \pi^3}{v^3}$	CD	CDF	R	K
1029	365	1	$e^{\frac{uw^2\pi}{v}}$	CD	CDF	R	E
1030	366	1	$\log\left(\frac{uw^2\pi}{v}\right)$	CD	CDF	R	L
1031	367	1	$\arcsin\left(\frac{uw^2\pi}{v}\right)$	CD	CDF	R	S
1032	368	1	$\arctan\left(\frac{uw^2\pi}{v}\right)$	CD	CDF	R	T
1033	369	1	$\sqrt{-\frac{v^2 + u^2 w^4 \pi^2}{v^2}}$	CD	CDF	R	P

1034	370	1	$\sqrt{\frac{v^2 + u^2 w^4 \pi^2}{v^2}}$	CD	CDF	R	H
1035	371	1	$\frac{u \sqrt[3]{w} \pi^2}{v}$	CD	CDF	K	CDF
1036	372	1	$\frac{v}{u \sqrt[3]{w} \pi^2}$	CD	CDF	K	CDIF
1037	373	1	$\frac{u^2 w^{2/3} \pi^2}{v^2}$	CD	CDF	K	AB
1038	374	1	$\sqrt{\frac{u \sqrt[3]{w} \pi}{v}}$	CD	CDF	K	R
1039	375	1	$\frac{u^3 w \pi^3}{v^3}$	CD	CDF	K	K
1040	376	1	$e^{\frac{u \sqrt[3]{w} \pi}{v}}$	CD	CDF	K	E
1041	377	1	$\log\left(\frac{u \sqrt[3]{w} \pi}{v}\right)$	CD	CDF	K	L
1042	378	1	$\arcsin\left(\frac{u \sqrt[3]{w} \pi}{v}\right)$	CD	CDF	K	S
1043	379	1	$\arctan\left(\frac{u \sqrt[3]{w} \pi}{v}\right)$	CD	CDF	K	T
1044	380	1	$\sqrt{-\frac{v^2 + u^2 w^{2/3} \pi^2}{v^2}}$	CD	CDF	K	P
1045	381	1	$\sqrt{\frac{v^2 + u^2 w^{2/3} \pi^2}{v^2}}$	CD	CDF	K	H
1046	382	1	$\frac{u \ln(w) \pi^2}{v}$	CD	CDF	E	CDF
1047	383	1	$\frac{v}{u \ln(w) \pi^2}$	CD	CDF	E	CDIF

1048	384	1	$\frac{u^2 (\ln (w))^2 \pi^2}{v^2}$	CD	CDF	E	AB
1049	385	1	$\sqrt{\frac{u \ln (w) \pi}{v}}$	CD	CDF	E	R
1050	386	1	$\frac{u^3 (\ln (w))^3 \pi^3}{v^3}$	CD	CDF	E	K
1051	387	1	$w^{\frac{u \pi}{v}}$	CD	CDF	E	E
1052	388	1	$\log \left(\frac{u \ln (w) \pi}{v} \right)$	CD	CDF	E	L
1053	389	1	$\arcsin \left(\frac{u \ln (w) \pi}{v} \right)$	CD	CDF	E	S
1054	390	1	$\arctan \left(\frac{u \ln (w) \pi}{v} \right)$	CD	CDF	E	T
1055	391	1	$\sqrt{-\frac{-v^2 + u^2 (\ln (w))^2 \pi^2}{v^2}}$	CD	CDF	E	P
1056	392	1	$\sqrt{\frac{v^2 + u^2 (\ln (w))^2 \pi^2}{v^2}}$	CD	CDF	E	H
1057	393	1	$\frac{u \text{Exp}(w) \pi^2}{v}$	CD	CDF	L	CDF
1058	394	1	$\frac{v}{u \text{Exp}(w) \pi^2}$	CD	CDF	L	CDIF
1059	395	1	$\frac{u^2 (\text{Exp}(w))^2 \pi^2}{v^2}$	CD	CDF	L	AB
1060	396	1	$\sqrt{\frac{u \text{Exp}(w) \pi}{v}}$	CD	CDF	L	R
1061	397	1	$\frac{u^3 (\text{Exp}(w))^3 \pi^3}{v^3}$	CD	CDF	L	K
1062	398	1	$e^{\frac{u \text{Exp}(w) \pi}{v}}$	CD	CDF	L	E

1063	399	1	$\log\left(\frac{uExp(w)\pi}{v}\right)$	CD	CDF	L	L
1064	400	1	$\arcsin\left(\frac{uExp(w)\pi}{v}\right)$	CD	CDF	L	S
1065	401	1	$\arctan\left(\frac{uExp(w)\pi}{v}\right)$	CD	CDF	L	T
1066	402	1	$\sqrt{-\frac{v^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	CD	CDF	L	P
1067	403	1	$\sqrt{\frac{v^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	CD	CDF	L	H
1068	404	1	$\frac{u \sin(w) \pi^2}{v}$	CD	CDF	S	CDF
1069	405	1	$\frac{v}{u \sin(w) \pi^2}$	CD	CDF	S	CDIF
1070	406	1	$\frac{u^2 (\sin(w))^2 \pi^2}{v^2}$	CD	CDF	S	AB
1071	407	1	$\sqrt{\frac{u \sin(w) \pi}{v}}$	CD	CDF	S	R
1072	408	1	$\frac{u^3 (\sin(w))^3 \pi^3}{v^3}$	CD	CDF	S	K
1073	409	1	$e^{\frac{u \sin(w) \pi}{v}}$	CD	CDF	S	E
1074	410	1	$\log\left(\frac{u \sin(w) \pi}{v}\right)$	CD	CDF	S	L
1075	411	1	$\arcsin\left(\frac{u \sin(w) \pi}{v}\right)$	CD	CDF	S	S
1076	412	1	$\arctan\left(\frac{u \sin(w) \pi}{v}\right)$	CD	CDF	S	T

1077	413	1	$\sqrt{\frac{v^2 - u^2 \pi^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	CD	CDF	S	P
1078	414	1	$\sqrt{-\frac{-v^2 - u^2 \pi^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	CD	CDF	S	H
1079	415	1	$\frac{u \tan(w) \pi^2}{v}$	CD	CDF	T	CDF
1080	416	1	$\frac{v}{u \tan(w) \pi^2}$	CD	CDF	T	CDIF
1081	417	1	$\frac{u^2 (\tan(w))^2 \pi^2}{v^2}$	CD	CDF	T	AB
1082	418	1	$\sqrt{\frac{u \tan(w) \pi}{v}}$	CD	CDF	T	R
1083	419	1	$\frac{u^3 (\tan(w))^3 \pi^3}{v^3}$	CD	CDF	T	K
1084	420	1	$e^{\frac{u \tan(w) \pi}{v}}$	CD	CDF	T	E
1085	421	1	$\log\left(\frac{u \tan(w) \pi}{v}\right)$	CD	CDF	T	L
1086	422	1	$\arcsin\left(\frac{u \tan(w) \pi}{v}\right)$	CD	CDF	T	S
1087	423	1	$\arctan\left(\frac{u \tan(w) \pi}{v}\right)$	CD	CDF	T	T
1088	424	1	$\sqrt{-\frac{-v^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	CD	CDF	T	P
1089	425	1	$\sqrt{\frac{v^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	CD	CDF	T	H
1090	426	1	$\frac{u \sqrt{1 - w^2} \pi^2}{v}$	CD	CDF	P	CDF

1091	427	1	$\frac{v}{u\sqrt{1-w^2\pi^2}}$	CD	CDF	P	CDIF
1092	428	1	$-\frac{u^2\pi^2(-1+w^2)}{v^2}$	CD	CDF	P	AB
1093	429	1	$\sqrt{\frac{u\sqrt{1-w^2\pi}}{v}}$	CD	CDF	P	R
1094	430	1	$\frac{u^3\pi^3(1-w^2)^{3/2}}{v^3}$	CD	CDF	P	K
1095	431	1	$e^{\frac{u\sqrt{1-w^2}\pi}{v}}$	CD	CDF	P	E
1096	432	1	$\log\left(\frac{u\sqrt{1-w^2}\pi}{v}\right)$	CD	CDF	P	L
1097	433	1	$\arcsin\left(\frac{u\sqrt{1-w^2}\pi}{v}\right)$	CD	CDF	P	S
1098	434	1	$\arctan\left(\frac{u\sqrt{1-w^2}\pi}{v}\right)$	CD	CDF	P	T
1099	435	1	$\sqrt{\frac{v^2-u^2\pi^2+u^2w^2\pi^2}{v^2}}$	CD	CDF	P	P
1100	435	2	$\sqrt{\frac{v^2-u^2\pi^2+u^2w^2\pi^2}{v^2}}$	CD	CDF	H	H
1101	436	1	$\sqrt{-\frac{v^2-u^2\pi^2+u^2w^2\pi^2}{v^2}}$	CD	CDF	P	H
1102	436	2	$\sqrt{-\frac{v^2-u^2\pi^2+u^2w^2\pi^2}{v^2}}$	CD	CDF	H	P
1103	437	1	$\frac{u\sqrt{-1+w^2\pi^2}}{v}$	CD	CDF	H	CDF
1104	438	1	$\frac{v}{u\sqrt{-1+w^2\pi^2}}$	CD	CDF	H	CDIF
1105	439	1	$\frac{u^2\pi^2(-1+w^2)}{v^2}$	CD	CDF	H	AB

1106	440	1	$\sqrt{\frac{u\sqrt{-1+w^2}\pi}{v}}$	CD	CDF	H	R
1107	441	1	$\frac{u^3\pi^3(-1+w^2)^{3/2}}{v^3}$	CD	CDF	H	K
1108	442	1	$e^{\frac{u\sqrt{-1+w^2}\pi}{v}}$	CD	CDF	H	E
1109	443	1	$\log\left(\frac{u\sqrt{-1+w^2}\pi}{v}\right)$	CD	CDF	H	L
1110	444	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}\pi}{v}\right)$	CD	CDF	H	S
1111	445	1	$\arctan\left(\frac{u\sqrt{-1+w^2}\pi}{v}\right)$	CD	CDF	H	T
1112	446	1	$uvw\pi^2$	CD	CDIF	CD	CDF
1113	446	2	$uvw\pi^2$	CDIF	CD	CDIF	CDI
1114	447	1	$\frac{1}{uvw\pi^2}$	CD	CDIF	CD	CDIF
1115	447	2	$\frac{1}{uvw\pi^2}$	CDIF	CD	CDIF	CD
1116	448	1	$u^2v^2w^2\pi^2$	CD	CDIF	CD	AB
1117	449	1	$\sqrt{uvw\pi}$	CD	CDIF	CD	R
1118	450	1	$u^3v^3w^3\pi^3$	CD	CDIF	CD	K
1119	451	1	$e^{uvw\pi}$	CD	CDIF	CD	E
1120	452	1	$\log(uvw\pi)$	CD	CDIF	CD	L
1121	453	1	$\arcsin(uvw\pi)$	CD	CDIF	CD	S

1122	454	1	$\arctan(uvw\pi)$	CD	CDIF	CD	T
1123	455	1	$\sqrt{1 - u^2v^2w^2\pi^2}$	CD	CDIF	CD	P
1124	456	1	$\sqrt{1 + u^2v^2w^2\pi^2}$	CD	CDIF	CD	H
1125	457	1	$\frac{uv\pi^2}{w}$	CD	CDIF	CDI	CDF
1126	457	2	$\frac{uv\pi^2}{w}$	CDIF	CD	CDF	CDI
1127	458	1	$\frac{w}{uv\pi^2}$	CD	CDIF	CDI	CDIF
1128	458	2	$\frac{w}{uv\pi^2}$	CDIF	CD	CDF	CD
1129	459	1	$\frac{u^2v^2\pi^2}{w^2}$	CD	CDIF	CDI	AB
1130	460	1	$\sqrt{\frac{uv\pi}{w}}$	CD	CDIF	CDI	R
1131	461	1	$\frac{u^3v^3\pi^3}{w^3}$	CD	CDIF	CDI	K
1132	462	1	$e^{\frac{uv\pi}{w}}$	CD	CDIF	CDI	E
1133	463	1	$\log\left(\frac{uv\pi}{w}\right)$	CD	CDIF	CDI	L
1134	464	1	$\arcsin\left(\frac{uv\pi}{w}\right)$	CD	CDIF	CDI	S
1135	465	1	$\arctan\left(\frac{uv\pi}{w}\right)$	CD	CDIF	CDI	T
1136	466	1	$\sqrt{-\frac{w^2 + u^2v^2\pi^2}{w^2}}$	CD	CDIF	CDI	P
1137	467	1	$\sqrt{\frac{w^2 + u^2v^2\pi^2}{w^2}}$	CD	CDIF	CDI	H

1138	468	1	$uv\sqrt{w\pi^2}$	CD	CDIF	AB	CDF
1139	469	1	$\frac{1}{uv\sqrt{w\pi^2}}$	CD	CDIF	AB	CDIF
1140	470	1	$u^2v^2w\pi^2$	CD	CDIF	AB	AB
1141	471	1	$\sqrt{uv\sqrt{w\pi}}$	CD	CDIF	AB	R
1142	472	1	$u^3v^3w^{3/2}\pi^3$	CD	CDIF	AB	K
1143	473	1	$e^{uv\sqrt{w\pi}}$	CD	CDIF	AB	E
1144	474	1	$\log(uv\sqrt{w\pi})$	CD	CDIF	AB	L
1145	475	1	$\arcsin(uv\sqrt{w\pi})$	CD	CDIF	AB	S
1146	476	1	$\arctan(uv\sqrt{w\pi})$	CD	CDIF	AB	T
1147	477	1	$\sqrt{1-u^2v^2w\pi^2}$	CD	CDIF	AB	P
1148	478	1	$\sqrt{1+u^2v^2w\pi^2}$	CD	CDIF	AB	H
1149	479	1	$uvw^2\pi^2$	CD	CDIF	R	CDF
1150	480	1	$\frac{1}{uvw^2\pi^2}$	CD	CDIF	R	CDIF
1151	481	1	$u^2v^2w^4\pi^2$	CD	CDIF	R	AB
1152	482	1	$\sqrt{uvw^2\pi}$	CD	CDIF	R	R
1153	483	1	$u^3v^3w^6\pi^3$	CD	CDIF	R	K

1154	484	1	$e^{uvw^2\pi}$	CD	CDIF	R	E
1155	485	1	$\log(uvw^2\pi)$	CD	CDIF	R	L
1156	486	1	$\arcsin(uvw^2\pi)$	CD	CDIF	R	S
1157	487	1	$\arctan(uvw^2\pi)$	CD	CDIF	R	T
1158	488	1	$\sqrt{1 - u^2v^2w^4\pi^2}$	CD	CDIF	R	P
1159	489	1	$\sqrt{1 + u^2v^2w^4\pi^2}$	CD	CDIF	R	H
1160	490	1	$uv\sqrt[3]{w\pi^2}$	CD	CDIF	K	CDF
1161	491	1	$\frac{1}{uv\sqrt[3]{w\pi^2}}$	CD	CDIF	K	CDIF
1162	492	1	$u^2v^2w^{2/3}\pi^2$	CD	CDIF	K	AB
1163	493	1	$\sqrt{uv\sqrt[3]{w\pi}}$	CD	CDIF	K	R
1164	494	1	$u^3v^3w\pi^3$	CD	CDIF	K	K
1165	495	1	$e^{uv\sqrt[3]{w\pi}}$	CD	CDIF	K	E
1166	496	1	$\log(uv\sqrt[3]{w\pi})$	CD	CDIF	K	L
1167	497	1	$\arcsin(uv\sqrt[3]{w\pi})$	CD	CDIF	K	S
1168	498	1	$\arctan(uv\sqrt[3]{w\pi})$	CD	CDIF	K	T
1169	499	1	$\sqrt{1 - u^2v^2w^{2/3}\pi^2}$	CD	CDIF	K	P

1170	500	1	$\sqrt{1 + u^2 v^2 w^{2/3} \pi^2}$	CD	CDIF	K	H
1171	501	1	$uv \ln(w) \pi^2$	CD	CDIF	E	CDF
1172	502	1	$\frac{1}{uv \ln(w) \pi^2}$	CD	CDIF	E	CDIF
1173	503	1	$u^2 v^2 (\ln(w))^2 \pi^2$	CD	CDIF	E	AB
1174	504	1	$\sqrt{uv \ln(w) \pi}$	CD	CDIF	E	R
1175	505	1	$u^3 v^3 (\ln(w))^3 \pi^3$	CD	CDIF	E	K
1176	506	1	$w^{uv\pi}$	CD	CDIF	E	E
1177	507	1	$\log(uv \ln(w) \pi)$	CD	CDIF	E	L
1178	508	1	$\arcsin(uv \ln(w) \pi)$	CD	CDIF	E	S
1179	509	1	$\arctan(uv \ln(w) \pi)$	CD	CDIF	E	T
1180	510	1	$\sqrt{1 - u^2 v^2 (\ln(w))^2 \pi^2}$	CD	CDIF	E	P
1181	511	1	$\sqrt{1 + u^2 v^2 (\ln(w))^2 \pi^2}$	CD	CDIF	E	H
1182	512	1	$uv \text{Exp}(w) \pi^2$	CD	CDIF	L	CDF
1183	513	1	$\frac{1}{uv \text{Exp}(w) \pi^2}$	CD	CDIF	L	CDIF
1184	514	1	$u^2 v^2 (\text{Exp}(w))^2 \pi^2$	CD	CDIF	L	AB
1185	515	1	$\sqrt{uv \text{Exp}(w) \pi}$	CD	CDIF	L	R

1186	516	1	$u^3 v^3 (Exp(w))^3 \pi^3$	CD	CDIF	L	K
1187	517	1	$e^{uv Exp(w) \pi}$	CD	CDIF	L	E
1188	518	1	$\log (uv Exp(w) \pi)$	CD	CDIF	L	L
1189	519	1	$\arcsin (uv Exp(w) \pi)$	CD	CDIF	L	S
1190	520	1	$\arctan (uv Exp(w) \pi)$	CD	CDIF	L	T
1191	521	1	$\sqrt{1 - u^2 v^2 (Exp(w))^2 \pi^2}$	CD	CDIF	L	P
1192	522	1	$\sqrt{1 + u^2 v^2 (Exp(w))^2 \pi^2}$	CD	CDIF	L	H
1193	523	1	$uv \sin (w) \pi^2$	CD	CDIF	S	CDF
1194	524	1	$\frac{1}{uv \sin (w) \pi^2}$	CD	CDIF	S	CDIF
1195	525	1	$u^2 v^2 (\sin (w))^2 \pi^2$	CD	CDIF	S	AB
1196	526	1	$\sqrt{uv \sin (w) \pi}$	CD	CDIF	S	R
1197	527	1	$u^3 v^3 (\sin (w))^3 \pi^3$	CD	CDIF	S	K
1198	528	1	$e^{uv \sin (w) \pi}$	CD	CDIF	S	E
1199	529	1	$\log (uv \sin (w) \pi)$	CD	CDIF	S	L
1200	530	1	$\arcsin (uv \sin (w) \pi)$	CD	CDIF	S	S
1201	531	1	$\arctan (uv \sin (w) \pi)$	CD	CDIF	S	T

1202	532	1	$\sqrt{1 - u^2 v^2 \pi^2 + u^2 v^2 \pi^2 (\cos(w))^2}$	CD	CDIF	S	P
1203	533	1	$\sqrt{1 + u^2 v^2 \pi^2 - u^2 v^2 \pi^2 (\cos(w))^2}$	CD	CDIF	S	H
1204	534	1	$uv \tan(w) \pi^2$	CD	CDIF	T	CDF
1205	535	1	$\frac{1}{uv \tan(w) \pi^2}$	CD	CDIF	T	CDIF
1206	536	1	$u^2 v^2 (\tan(w))^2 \pi^2$	CD	CDIF	T	AB
1207	537	1	$\sqrt{uv \tan(w) \pi}$	CD	CDIF	T	R
1208	538	1	$u^3 v^3 (\tan(w))^3 \pi^3$	CD	CDIF	T	K
1209	539	1	$e^{uv \tan(w) \pi}$	CD	CDIF	T	E
1210	540	1	$\log(uv \tan(w) \pi)$	CD	CDIF	T	L
1211	541	1	$\arcsin(uv \tan(w) \pi)$	CD	CDIF	T	S
1212	542	1	$\arctan(uv \tan(w) \pi)$	CD	CDIF	T	T
1213	543	1	$\sqrt{1 - u^2 v^2 (\tan(w))^2 \pi^2}$	CD	CDIF	T	P
1214	544	1	$\sqrt{1 + u^2 v^2 (\tan(w))^2 \pi^2}$	CD	CDIF	T	H
1215	545	1	$uv \sqrt{1 - w^2 \pi^2}$	CD	CDIF	P	CDF
1216	546	1	$\frac{1}{uv \sqrt{1 - w^2 \pi^2}}$	CD	CDIF	P	CDIF
1217	547	1	$-u^2 v^2 \pi^2 (-1 + w^2)$	CD	CDIF	P	AB

1218	548	1	$\sqrt{uv\sqrt{1-w^2}\pi}$	CD	CDIF	P	R
1219	549	1	$u^3v^3\pi^3(1-w^2)^{3/2}$	CD	CDIF	P	K
1220	550	1	$e^{uv\sqrt{1-w^2}\pi}$	CD	CDIF	P	E
1221	551	1	$\log\left(uv\sqrt{1-w^2}\pi\right)$	CD	CDIF	P	L
1222	552	1	$\arcsin\left(uv\sqrt{1-w^2}\pi\right)$	CD	CDIF	P	S
1223	553	1	$\arctan\left(uv\sqrt{1-w^2}\pi\right)$	CD	CDIF	P	T
1224	554	1	$\sqrt{1-u^2v^2\pi^2+u^2v^2w^2\pi^2}$	CD	CDIF	P	P
1225	554	2	$\sqrt{1-u^2v^2\pi^2+u^2v^2w^2\pi^2}$	CD	CDIF	H	H
1226	555	1	$\sqrt{1+u^2v^2\pi^2-u^2v^2w^2\pi^2}$	CD	CDIF	P	H
1227	555	2	$\sqrt{1+u^2v^2\pi^2-u^2v^2w^2\pi^2}$	CD	CDIF	H	P
1228	556	1	$uv\sqrt{-1+w^2}\pi^2$	CD	CDIF	H	CDF
1229	557	1	$\frac{1}{uv\sqrt{-1+w^2}\pi^2}$	CD	CDIF	H	CDIF
1230	558	1	$u^2v^2\pi^2(-1+w^2)$	CD	CDIF	H	AB
1231	559	1	$\sqrt{uv\sqrt{-1+w^2}\pi}$	CD	CDIF	H	R
1232	560	1	$u^3v^3\pi^3(-1+w^2)^{3/2}$	CD	CDIF	H	K
1233	561	1	$e^{uv\sqrt{-1+w^2}\pi}$	CD	CDIF	H	E
1234	562	1	$\log\left(uv\sqrt{-1+w^2}\pi\right)$	CD	CDIF	H	L

1235	563	1	$\arcsin\left(uv\sqrt{-1+w^2\pi}\right)$	CD	CDIF	H	S
1236	564	1	$\arctan\left(uv\sqrt{-1+w^2\pi}\right)$	CD	CDIF	H	T
1237	565	1	$\frac{uw}{\sqrt{v}}$	CD	AB	CD	CD
1238	565	2	$\frac{uw}{\sqrt{v}}$	CD	AB	CDF	CDF
1239	565	3	$\frac{uw}{\sqrt{v}}$	CDF	AB	CD	CDF
1240	566	1	$\frac{\sqrt{v}}{uw}$	CD	AB	CD	CDI
1241	566	2	$\frac{\sqrt{v}}{uw}$	CD	AB	CDF	CDIF
1242	566	3	$\frac{\sqrt{v}}{uw}$	CDF	AB	CD	CDIF
1243	567	1	$\frac{uw\pi}{\sqrt{v}}$	CD	AB	CD	CDF
1244	568	1	$\frac{\sqrt{v}}{uw\pi}$	CD	AB	CD	CDIF
1245	569	1	$\frac{u^2w^2}{v}$	CD	AB	CD	AB
1246	569	2	$\frac{u^2w^2}{v}$	R	CD	R	CD
1247	570	1	$\sqrt{\frac{uw}{\sqrt{v}}}$	CD	AB	CD	R
1248	571	1	$\frac{u^3w^3}{v^{3/2}}$	CD	AB	CD	K
1249	572	1	$e^{\frac{uw}{\sqrt{v}}}$	CD	AB	CD	E
1250	573	1	$\log\left(\frac{uw}{\sqrt{v}}\right)$	CD	AB	CD	L
1251	574	1	$\arcsin\left(\frac{uw}{\sqrt{v}}\right)$	CD	AB	CD	S

1252	575	1	$\arctan\left(\frac{uw}{\sqrt{v}}\right)$	CD	AB	CD	T
1253	576	1	$\sqrt{-\frac{-v+u^2w^2}{v}}$	CD	AB	CD	P
1254	577	1	$\sqrt{\frac{v+u^2w^2}{v}}$	CD	AB	CD	H
1255	578	1	$\frac{u}{\sqrt{vw}}$	CD	AB	CDI	CD
1256	578	2	$\frac{u}{\sqrt{vw}}$	CD	AB	CDIF	CDF
1257	578	3	$\frac{u}{\sqrt{vw}}$	CDF	AB	CDI	CDF
1258	579	1	$\frac{\sqrt{vw}}{u}$	CD	AB	CDI	CDI
1259	579	2	$\frac{\sqrt{vw}}{u}$	CD	AB	CDIF	CDIF
1260	579	3	$\frac{\sqrt{vw}}{u}$	CDF	AB	CDI	CDIF
1261	580	1	$\frac{u\pi}{\sqrt{vw}}$	CD	AB	CDI	CDF
1262	581	1	$\frac{\sqrt{vw}}{u\pi}$	CD	AB	CDI	CDIF
1263	582	1	$\frac{u^2}{vw^2}$	CD	AB	CDI	AB
1264	583	1	$\sqrt{\frac{u}{\sqrt{vw}}}$	CD	AB	CDI	R
1265	584	1	$\frac{u^3}{v^{3/2}w^3}$	CD	AB	CDI	K
1266	585	1	$e^{\frac{u}{\sqrt{vw}}}$	CD	AB	CDI	E
1267	586	1	$\log\left(\frac{u}{\sqrt{vw}}\right)$	CD	AB	CDI	L

1268	587	1	$\arcsin\left(\frac{u}{\sqrt{vw}}\right)$	CD	AB	CDI	S
1269	588	1	$\arctan\left(\frac{u}{\sqrt{vw}}\right)$	CD	AB	CDI	T
1270	589	1	$\sqrt{-\frac{vw^2 + u^2}{vw^2}}$	CD	AB	CDI	P
1271	590	1	$\sqrt{\frac{vw^2 + u^2}{vw^2}}$	CD	AB	CDI	H
1272	591	1	$\frac{uw}{\sqrt{v\pi}}$	CD	AB	CDF	CD
1273	591	2	$\frac{uw}{\sqrt{v\pi}}$	CDF	AB	CD	CD
1274	591	3	$\frac{uw}{\sqrt{v\pi}}$	CDF	AB	CDF	CDF
1275	592	1	$\frac{\sqrt{v\pi}}{uw}$	CD	AB	CDF	CDI
1276	592	2	$\frac{\sqrt{v\pi}}{uw}$	CDF	AB	CD	CDI
1277	592	3	$\frac{\sqrt{v\pi}}{uw}$	CDF	AB	CDF	CDIF
1278	593	1	$\frac{u^2w^2}{v\pi^2}$	CD	AB	CDF	AB
1279	593	2	$\frac{u^2w^2}{v\pi^2}$	CDF	AB	CD	AB
1280	594	1	$\sqrt{\frac{uw}{\sqrt{v\pi}}}$	CD	AB	CDF	R
1281	594	2	$\sqrt{\frac{uw}{\sqrt{v\pi}}}$	CDF	AB	CD	R
1282	595	1	$\frac{u^3w^3}{v^{3/2}\pi^3}$	CD	AB	CDF	K
1283	595	2	$\frac{u^3w^3}{v^{3/2}\pi^3}$	CDF	AB	CD	K
1284	596	1	$e^{\frac{uw}{\sqrt{v\pi}}}$	CD	AB	CDF	E
1285	596	2	$e^{\frac{uw}{\sqrt{v\pi}}}$	CDF	AB	CD	E

1286	597	1	$\log\left(\frac{uw}{\sqrt{v}\pi}\right)$	CD	AB	CDF	L
1287	597	2	$\log\left(\frac{uw}{\sqrt{v}\pi}\right)$	CDF	AB	CD	L
1288	598	1	$\arcsin\left(\frac{uw}{\sqrt{v}\pi}\right)$	CD	AB	CDF	S
1289	598	2	$\arcsin\left(\frac{uw}{\sqrt{v}\pi}\right)$	CDF	AB	CD	S
1290	599	1	$\arctan\left(\frac{uw}{\sqrt{v}\pi}\right)$	CD	AB	CDF	T
1291	599	2	$\arctan\left(\frac{uw}{\sqrt{v}\pi}\right)$	CDF	AB	CD	T
1292	600	1	$\sqrt{-\frac{v\pi^2 + u^2w^2}{v\pi^2}}$	CD	AB	CDF	P
1293	600	2	$\sqrt{-\frac{v\pi^2 + u^2w^2}{v\pi^2}}$	CDF	AB	CD	P
1294	601	1	$\sqrt{\frac{v\pi^2 + u^2w^2}{v\pi^2}}$	CD	AB	CDF	H
1295	601	2	$\sqrt{\frac{v\pi^2 + u^2w^2}{v\pi^2}}$	CDF	AB	CD	H
1296	602	1	$\frac{u}{\sqrt{vw}\pi}$	CD	AB	CDIF	CD
1297	602	2	$\frac{u}{\sqrt{vw}\pi}$	CDF	AB	CDI	CD
1298	602	3	$\frac{u}{\sqrt{vw}\pi}$	CDF	AB	CDIF	CDF
1299	603	1	$\frac{\sqrt{vw}\pi}{u}$	CD	AB	CDIF	CDI
1300	603	2	$\frac{\sqrt{vw}\pi}{u}$	CDF	AB	CDI	CDI
1301	603	3	$\frac{\sqrt{vw}\pi}{u}$	CDF	AB	CDIF	CDIF
1302	604	1	$\frac{u^2}{vw^2\pi^2}$	CD	AB	CDIF	AB

1303	604	2	$\frac{u^2}{vw^2\pi^2}$	CDF	AB	CDI	AB
1304	605	1	$\sqrt{\frac{u}{\sqrt{vw}\pi}}$	CD	AB	CDIF	R
1305	605	2	$\sqrt{\frac{u}{\sqrt{vw}\pi}}$	CDF	AB	CDI	R
1306	606	1	$\frac{u^3}{v^{3/2}w^3\pi^3}$	CD	AB	CDIF	K
1307	606	2	$\frac{u^3}{v^{3/2}w^3\pi^3}$	CDF	AB	CDI	K
1308	607	1	$e^{\frac{u}{\sqrt{vw}\pi}}$	CD	AB	CDIF	E
1309	607	2	$e^{\frac{u}{\sqrt{vw}\pi}}$	CDF	AB	CDI	E
1310	608	1	$\log\left(\frac{u}{\sqrt{vw}\pi}\right)$	CD	AB	CDIF	L
1311	608	2	$\log\left(\frac{u}{\sqrt{vw}\pi}\right)$	CDF	AB	CDI	L
1312	609	1	$\arcsin\left(\frac{u}{\sqrt{vw}\pi}\right)$	CD	AB	CDIF	S
1313	609	2	$\arcsin\left(\frac{u}{\sqrt{vw}\pi}\right)$	CDF	AB	CDI	S
1314	610	1	$\arctan\left(\frac{u}{\sqrt{vw}\pi}\right)$	CD	AB	CDIF	T
1315	610	2	$\arctan\left(\frac{u}{\sqrt{vw}\pi}\right)$	CDF	AB	CDI	T
1316	611	1	$\sqrt{-\frac{vw^2\pi^2 + u^2}{vw^2\pi^2}}$	CD	AB	CDIF	P
1317	611	2	$\sqrt{-\frac{vw^2\pi^2 + u^2}{vw^2\pi^2}}$	CDF	AB	CDI	P
1318	612	1	$\sqrt{\frac{vw^2\pi^2 + u^2}{vw^2\pi^2}}$	CD	AB	CDIF	H
1319	612	2	$\sqrt{\frac{vw^2\pi^2 + u^2}{vw^2\pi^2}}$	CDF	AB	CDI	H

1320	613	1	$\frac{u\sqrt{w}}{\sqrt{v}}$	CD	AB	AB	CD
1321	613	2	$\frac{u\sqrt{w}}{\sqrt{v}}$	CDF	AB	AB	CDF
1322	614	1	$\frac{\sqrt{v}}{u\sqrt{w}}$	CD	AB	AB	CDI
1323	614	2	$\frac{\sqrt{v}}{u\sqrt{w}}$	CDF	AB	AB	CDIF
1324	615	1	$\frac{u\sqrt{w}\pi}{\sqrt{v}}$	CD	AB	AB	CDF
1325	616	1	$\frac{\sqrt{v}}{u\sqrt{w}\pi}$	CD	AB	AB	CDIF
1326	617	1	$\frac{u^2w}{v}$	CD	AB	AB	AB
1327	617	2	$\frac{u^2w}{v}$	R	CD	CD	CD
1328	617	3	$\frac{u^2w}{v}$	R	CD	CDF	CDF
1329	617	4	$\frac{u^2w}{v}$	R	CDF	CDF	CD
1330	618	1	$\sqrt{\frac{u\sqrt{w}}{\sqrt{v}}}$	CD	AB	AB	R
1331	619	1	$\frac{u^3w^{3/2}}{v^{3/2}}$	CD	AB	AB	K
1332	620	1	$e^{\frac{u\sqrt{w}}{\sqrt{v}}}$	CD	AB	AB	E
1333	621	1	$\log\left(\frac{u\sqrt{w}}{\sqrt{v}}\right)$	CD	AB	AB	L
1334	622	1	$\arcsin\left(\frac{u\sqrt{w}}{\sqrt{v}}\right)$	CD	AB	AB	S
1335	623	1	$\arctan\left(\frac{u\sqrt{w}}{\sqrt{v}}\right)$	CD	AB	AB	T

1336	624	1	$\sqrt{-\frac{-v+u^2w}{v}}$	CD	AB	AB	P
1337	625	1	$\sqrt{\frac{v+u^2w}{v}}$	CD	AB	AB	H
1338	626	1	$\frac{uw^2}{\sqrt{v}}$	CD	AB	R	CD
1339	626	2	$\frac{uw^2}{\sqrt{v}}$	CDF	AB	R	CDF
1340	627	1	$\frac{\sqrt{v}}{uw^2}$	CD	AB	R	CDI
1341	627	2	$\frac{\sqrt{v}}{uw^2}$	CDF	AB	R	CDIF
1342	628	1	$\frac{uw^2\pi}{\sqrt{v}}$	CD	AB	R	CDF
1343	629	1	$\frac{\sqrt{v}}{uw^2\pi}$	CD	AB	R	CDIF
1344	630	1	$\frac{u^2w^4}{v}$	CD	AB	R	AB
1345	631	1	$\sqrt{\frac{uw^2}{\sqrt{v}}}$	CD	AB	R	R
1346	632	1	$\frac{u^3w^6}{v^{3/2}}$	CD	AB	R	K
1347	633	1	$e^{\frac{uw^2}{\sqrt{v}}}$	CD	AB	R	E
1348	634	1	$\log\left(\frac{uw^2}{\sqrt{v}}\right)$	CD	AB	R	L
1349	635	1	$\arcsin\left(\frac{uw^2}{\sqrt{v}}\right)$	CD	AB	R	S
1350	636	1	$\arctan\left(\frac{uw^2}{\sqrt{v}}\right)$	CD	AB	R	T

1351	637	1	$\sqrt{-\frac{v+u^2w^4}{v}}$	CD	AB	R	P
1352	638	1	$\sqrt{\frac{v+u^2w^4}{v}}$	CD	AB	R	H
1353	639	1	$\frac{u\sqrt[3]{w}}{\sqrt{v}}$	CD	AB	K	CD
1354	639	2	$\frac{u\sqrt[3]{w}}{\sqrt{v}}$	CDF	AB	K	CDF
1355	640	1	$\frac{\sqrt{v}}{u\sqrt[3]{w}}$	CD	AB	K	CDI
1356	640	2	$\frac{\sqrt{v}}{u\sqrt[3]{w}}$	CDF	AB	K	CDIF
1357	641	1	$\frac{u\sqrt[3]{w}\pi}{\sqrt{v}}$	CD	AB	K	CDF
1358	642	1	$\frac{\sqrt{v}}{u\sqrt[3]{w}\pi}$	CD	AB	K	CDIF
1359	643	1	$\frac{u^2w^{2/3}}{v}$	CD	AB	K	AB
1360	644	1	$\sqrt{\frac{u\sqrt[3]{w}}{\sqrt{v}}}$	CD	AB	K	R
1361	645	1	$\frac{u^3w}{v^{3/2}}$	CD	AB	K	K
1362	646	1	$e^{\frac{u\sqrt[3]{w}}{\sqrt{v}}}$	CD	AB	K	E
1363	647	1	$\log\left(\frac{u\sqrt[3]{w}}{\sqrt{v}}\right)$	CD	AB	K	L
1364	648	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\sqrt{v}}\right)$	CD	AB	K	S
1365	649	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\sqrt{v}}\right)$	CD	AB	K	T

1366	650	1	$\sqrt{-\frac{-v + u^2 w^{2/3}}{v}}$	CD	AB	K	P
1367	651	1	$\sqrt{\frac{v + u^2 w^{2/3}}{v}}$	CD	AB	K	H
1368	652	1	$\frac{u \ln(w)}{\sqrt{v}}$	CD	AB	E	CD
1369	652	2	$\frac{u \ln(w)}{\sqrt{v}}$	CDF	AB	E	CDF
1370	653	1	$\frac{\sqrt{v}}{u \ln(w)}$	CD	AB	E	CDI
1371	653	2	$\frac{\sqrt{v}}{u \ln(w)}$	CDF	AB	E	CDIF
1372	654	1	$\frac{u \ln(w) \pi}{\sqrt{v}}$	CD	AB	E	CDF
1373	655	1	$\frac{\sqrt{v}}{u \ln(w) \pi}$	CD	AB	E	CDIF
1374	656	1	$\frac{u^2 (\ln(w))^2}{v}$	CD	AB	E	AB
1375	657	1	$\sqrt{\frac{u \ln(w)}{\sqrt{v}}}$	CD	AB	E	R
1376	658	1	$\frac{u^3 (\ln(w))^3}{v^{3/2}}$	CD	AB	E	K
1377	659	1	$w^{\frac{u}{\sqrt{v}}}$	CD	AB	E	E
1378	660	1	$\log\left(\frac{u \ln(w)}{\sqrt{v}}\right)$	CD	AB	E	L
1379	661	1	$\arcsin\left(\frac{u \ln(w)}{\sqrt{v}}\right)$	CD	AB	E	S
1380	662	1	$\arctan\left(\frac{u \ln(w)}{\sqrt{v}}\right)$	CD	AB	E	T

1381	663	1	$\sqrt{-\frac{-v + u^2 (\ln(w))^2}{v}}$	CD	AB	E	P
1382	664	1	$\sqrt{\frac{v + u^2 (\ln(w))^2}{v}}$	CD	AB	E	H
1383	665	1	$\frac{uExp(w)}{\sqrt{v}}$	CD	AB	L	CD
1384	665	2	$\frac{uExp(w)}{\sqrt{v}}$	CDF	AB	L	CDF
1385	666	1	$\frac{\sqrt{v}}{uExp(w)}$	CD	AB	L	CDI
1386	666	2	$\frac{\sqrt{v}}{uExp(w)}$	CDF	AB	L	CDIF
1387	667	1	$\frac{uExp(w) \pi}{\sqrt{v}}$	CD	AB	L	CDF
1388	668	1	$\frac{\sqrt{v}}{uExp(w) \pi}$	CD	AB	L	CDIF
1389	669	1	$\frac{u^2 (Exp(w))^2}{v}$	CD	AB	L	AB
1390	670	1	$\sqrt{\frac{uExp(w)}{\sqrt{v}}}$	CD	AB	L	R
1391	671	1	$\frac{u^3 (Exp(w))^3}{v^{3/2}}$	CD	AB	L	K
1392	672	1	$e^{\frac{uExp(w)}{\sqrt{v}}}$	CD	AB	L	E
1393	673	1	$\log\left(\frac{uExp(w)}{\sqrt{v}}\right)$	CD	AB	L	L
1394	674	1	$\arcsin\left(\frac{uExp(w)}{\sqrt{v}}\right)$	CD	AB	L	S
1395	675	1	$\arctan\left(\frac{uExp(w)}{\sqrt{v}}\right)$	CD	AB	L	T

1396	676	1	$\sqrt{-\frac{v + u^2 (Exp(w))^2}{v}}$	CD	AB	L	P
1397	677	1	$\sqrt{\frac{v + u^2 (Exp(w))^2}{v}}$	CD	AB	L	H
1398	678	1	$\frac{u \sin(w)}{\sqrt{v}}$	CD	AB	S	CD
1399	678	2	$\frac{u \sin(w)}{\sqrt{v}}$	CDF	AB	S	CDF
1400	679	1	$\frac{\sqrt{v}}{u \sin(w)}$	CD	AB	S	CDI
1401	679	2	$\frac{\sqrt{v}}{u \sin(w)}$	CDF	AB	S	CDIF
1402	680	1	$\frac{u \sin(w) \pi}{\sqrt{v}}$	CD	AB	S	CDF
1403	681	1	$\frac{\sqrt{v}}{u \sin(w) \pi}$	CD	AB	S	CDIF
1404	682	1	$\frac{u^2 (\sin(w))^2}{v}$	CD	AB	S	AB
1405	683	1	$\sqrt{\frac{u \sin(w)}{\sqrt{v}}}$	CD	AB	S	R
1406	684	1	$\frac{u^3 (\sin(w))^3}{v^{3/2}}$	CD	AB	S	K
1407	685	1	$e^{\frac{u \sin(w)}{\sqrt{v}}}$	CD	AB	S	E
1408	686	1	$\log\left(\frac{u \sin(w)}{\sqrt{v}}\right)$	CD	AB	S	L
1409	687	1	$\arcsin\left(\frac{u \sin(w)}{\sqrt{v}}\right)$	CD	AB	S	S
1410	688	1	$\arctan\left(\frac{u \sin(w)}{\sqrt{v}}\right)$	CD	AB	S	T

1411	689	1	$\sqrt{\frac{v - u^2 + u^2 (\cos (w))^2}{v}}$	CD	AB	S	P
1412	690	1	$\sqrt{-\frac{-v - u^2 + u^2 (\cos (w))^2}{v}}$	CD	AB	S	H
1413	691	1	$\frac{u \tan (w)}{\sqrt{v}}$	CD	AB	T	CD
1414	691	2	$\frac{u \tan (w)}{\sqrt{v}}$	CDF	AB	T	CDF
1415	692	1	$\frac{\sqrt{v}}{u \tan (w)}$	CD	AB	T	CDI
1416	692	2	$\frac{\sqrt{v}}{u \tan (w)}$	CDF	AB	T	CDIF
1417	693	1	$\frac{u \tan (w) \pi}{\sqrt{v}}$	CD	AB	T	CDF
1418	694	1	$\frac{\sqrt{v}}{u \tan (w) \pi}$	CD	AB	T	CDIF
1419	695	1	$\frac{u^2 (\tan (w))^2}{v}$	CD	AB	T	AB
1420	696	1	$\sqrt{\frac{u \tan (w)}{\sqrt{v}}}$	CD	AB	T	R
1421	697	1	$\frac{u^3 (\tan (w))^3}{v^{3/2}}$	CD	AB	T	K
1422	698	1	$e^{\frac{u \tan (w)}{\sqrt{v}}}$	CD	AB	T	E
1423	699	1	$\log \left(\frac{u \tan (w)}{\sqrt{v}} \right)$	CD	AB	T	L
1424	700	1	$\arcsin \left(\frac{u \tan (w)}{\sqrt{v}} \right)$	CD	AB	T	S
1425	701	1	$\arctan \left(\frac{u \tan (w)}{\sqrt{v}} \right)$	CD	AB	T	T

1426	702	1	$\sqrt{-\frac{-v + u^2 (\tan(w))^2}{v}}$	CD	AB	T	P
1427	703	1	$\sqrt{\frac{v + u^2 (\tan(w))^2}{v}}$	CD	AB	T	H
1428	704	1	$\frac{u\sqrt{1-w^2}}{\sqrt{v}}$	CD	AB	P	CD
1429	704	2	$\frac{u\sqrt{1-w^2}}{\sqrt{v}}$	CDF	AB	P	CDF
1430	705	1	$\frac{\sqrt{v}}{u\sqrt{1-w^2}}$	CD	AB	P	CDI
1431	705	2	$\frac{\sqrt{v}}{u\sqrt{1-w^2}}$	CDF	AB	P	CDIF
1432	706	1	$\frac{u\sqrt{1-w^2}\pi}{\sqrt{v}}$	CD	AB	P	CDF
1433	707	1	$\frac{\sqrt{v}}{u\sqrt{1-w^2}\pi}$	CD	AB	P	CDIF
1434	708	1	$-\frac{u^2(-1+w^2)}{v}$	CD	AB	P	AB
1435	709	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sqrt{v}}}$	CD	AB	P	R
1436	710	1	$\frac{u^3(1-w^2)^{3/2}}{v^{3/2}}$	CD	AB	P	K
1437	711	1	$e^{\frac{u\sqrt{1-w^2}}{\sqrt{v}}}$	CD	AB	P	E
1438	712	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sqrt{v}}\right)$	CD	AB	P	L
1439	713	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sqrt{v}}\right)$	CD	AB	P	S

1440	714	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sqrt{v}}\right)$	CD	AB	P	T
1441	715	1	$\sqrt{\frac{v-u^2+u^2w^2}{v}}$	CD	AB	P	P
1442	715	2	$\sqrt{\frac{v-u^2+u^2w^2}{v}}$	CD	AB	H	H
1443	716	1	$\sqrt{-\frac{-v-u^2+u^2w^2}{v}}$	CD	AB	P	H
1444	716	2	$\sqrt{-\frac{-v-u^2+u^2w^2}{v}}$	CD	AB	H	P
1445	717	1	$\frac{u\sqrt{-1+w^2}}{\sqrt{v}}$	CD	AB	H	CD
1446	717	2	$\frac{u\sqrt{-1+w^2}}{\sqrt{v}}$	CDF	AB	H	CDF
1447	718	1	$\frac{\sqrt{v}}{u\sqrt{-1+w^2}}$	CD	AB	H	CDI
1448	718	2	$\frac{\sqrt{v}}{u\sqrt{-1+w^2}}$	CDF	AB	H	CDIF
1449	719	1	$\frac{u\sqrt{-1+w^2}\pi}{\sqrt{v}}$	CD	AB	H	CDF
1450	720	1	$\frac{\sqrt{v}}{u\sqrt{-1+w^2}\pi}$	CD	AB	H	CDIF
1451	721	1	$\frac{u^2(-1+w^2)}{v}$	CD	AB	H	AB
1452	722	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sqrt{v}}}$	CD	AB	H	R
1453	723	1	$\frac{u^3(-1+w^2)^{3/2}}{v^{3/2}}$	CD	AB	H	K
1454	724	1	$e^{\frac{u\sqrt{-1+w^2}}{\sqrt{v}}}$	CD	AB	H	E

1455	725	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sqrt{v}}\right)$	CD	AB	H	L
1456	726	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sqrt{v}}\right)$	CD	AB	H	S
1457	727	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sqrt{v}}\right)$	CD	AB	H	T
1458	728	1	$\frac{uw}{v^2}$	CD	R	CD	CD
1459	728	2	$\frac{uw}{v^2}$	CD	R	CDF	CDF
1460	728	3	$\frac{uw}{v^2}$	CDF	R	CD	CDF
1461	728	4	$\frac{uw}{v^2}$	AB	CD	AB	AB
1462	729	1	$\frac{v^2}{uw}$	CD	R	CD	CDI
1463	729	2	$\frac{v^2}{uw}$	CD	R	CDF	CDIF
1464	729	3	$\frac{v^2}{uw}$	CDF	R	CD	CDIF
1465	730	1	$\frac{uw\pi}{v^2}$	CD	R	CD	CDF
1466	731	1	$\frac{v^2}{uw\pi}$	CD	R	CD	CDIF
1467	732	1	$\frac{u^2w^2}{v^4}$	CD	R	CD	AB
1468	733	1	$\sqrt{\frac{uw}{v^2}}$	CD	R	CD	R
1469	734	1	$\frac{u^3w^3}{v^6}$	CD	R	CD	K
1470	735	1	$e^{\frac{uw}{v^2}}$	CD	R	CD	E
1471	736	1	$\log\left(\frac{uw}{v^2}\right)$	CD	R	CD	L

1472	737	1	$\arcsin\left(\frac{uw}{v^2}\right)$	CD	R	CD	S
1473	738	1	$\arctan\left(\frac{uw}{v^2}\right)$	CD	R	CD	T
1474	739	1	$\sqrt{-\frac{-v^4 + u^2w^2}{v^4}}$	CD	R	CD	P
1475	740	1	$\sqrt{\frac{v^4 + u^2w^2}{v^4}}$	CD	R	CD	H
1476	741	1	$\frac{u}{v^2w}$	CD	R	CDI	CD
1477	741	2	$\frac{u}{v^2w}$	CD	R	CDIF	CDF
1478	741	3	$\frac{u}{v^2w}$	CDF	R	CDI	CDF
1479	742	1	$\frac{v^2w}{u}$	CD	R	CDI	CDI
1480	742	2	$\frac{v^2w}{u}$	CD	R	CDIF	CDIF
1481	742	3	$\frac{v^2w}{u}$	CDF	R	CDI	CDIF
1482	743	1	$\frac{u\pi}{v^2w}$	CD	R	CDI	CDF
1483	744	1	$\frac{v^2w}{u\pi}$	CD	R	CDI	CDIF
1484	745	1	$\frac{u^2}{v^4w^2}$	CD	R	CDI	AB
1485	746	1	$\sqrt{\frac{u}{v^2w}}$	CD	R	CDI	R
1486	747	1	$\frac{u^3}{v^6w^3}$	CD	R	CDI	K
1487	748	1	$e^{\frac{u}{v^2w}}$	CD	R	CDI	E

1488	749	1	$\log\left(\frac{u}{v^2w}\right)$	CD	R	CDI	L
1489	750	1	$\arcsin\left(\frac{u}{v^2w}\right)$	CD	R	CDI	S
1490	751	1	$\arctan\left(\frac{u}{v^2w}\right)$	CD	R	CDI	T
1491	752	1	$\sqrt{-\frac{-v^4w^2+u^2}{v^4w^2}}$	CD	R	CDI	P
1492	753	1	$\sqrt{\frac{v^4w^2+u^2}{v^4w^2}}$	CD	R	CDI	H
1493	754	1	$\frac{uw}{v^2\pi}$	CD	R	CDF	CD
1494	754	2	$\frac{uw}{v^2\pi}$	CDF	R	CD	CD
1495	754	3	$\frac{uw}{v^2\pi}$	CDF	R	CDF	CDF
1496	755	1	$\frac{v^2\pi}{uw}$	CD	R	CDF	CDI
1497	755	2	$\frac{v^2\pi}{uw}$	CDF	R	CD	CDI
1498	755	3	$\frac{v^2\pi}{uw}$	CDF	R	CDF	CDIF
1499	756	1	$\frac{u^2w^2}{v^4\pi^2}$	CD	R	CDF	AB
1500	756	2	$\frac{u^2w^2}{v^4\pi^2}$	CDF	R	CD	AB
1501	757	1	$\sqrt{\frac{uw}{v^2\pi}}$	CD	R	CDF	R
1502	757	2	$\sqrt{\frac{uw}{v^2\pi}}$	CDF	R	CD	R
1503	758	1	$\frac{u^3w^3}{v^6\pi^3}$	CD	R	CDF	K
1504	758	2	$\frac{u^3w^3}{v^6\pi^3}$	CDF	R	CD	K
1505	759	1	$e^{\frac{uw}{v^2\pi}}$	CD	R	CDF	E

1506	759	2	$e^{\frac{uw}{v^2\pi}}$	CDF	R	CD	E
1507	760	1	$\log\left(\frac{uw}{v^2\pi}\right)$	CD	R	CDF	L
1508	760	2	$\log\left(\frac{uw}{v^2\pi}\right)$	CDF	R	CD	L
1509	761	1	$\arcsin\left(\frac{uw}{v^2\pi}\right)$	CD	R	CDF	S
1510	761	2	$\arcsin\left(\frac{uw}{v^2\pi}\right)$	CDF	R	CD	S
1511	762	1	$\arctan\left(\frac{uw}{v^2\pi}\right)$	CD	R	CDF	T
1512	762	2	$\arctan\left(\frac{uw}{v^2\pi}\right)$	CDF	R	CD	T
1513	763	1	$\sqrt{-\frac{v^4\pi^2 + u^2w^2}{v^4\pi^2}}$	CD	R	CDF	P
1514	763	2	$\sqrt{-\frac{v^4\pi^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	CD	P
1515	764	1	$\sqrt{\frac{v^4\pi^2 + u^2w^2}{v^4\pi^2}}$	CD	R	CDF	H
1516	764	2	$\sqrt{\frac{v^4\pi^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	CD	H
1517	765	1	$\frac{u}{v^2w\pi}$	CD	R	CDIF	CD
1518	765	2	$\frac{u}{v^2w\pi}$	CDF	R	CDI	CD
1519	765	3	$\frac{u}{v^2w\pi}$	CDF	R	CDIF	CDF
1520	766	1	$\frac{v^2w\pi}{u}$	CD	R	CDIF	CDI
1521	766	2	$\frac{v^2w\pi}{u}$	CDF	R	CDI	CDI
1522	766	3	$\frac{v^2w\pi}{u}$	CDF	R	CDIF	CDIF
1523	767	1	$\frac{u^2}{v^4w^2\pi^2}$	CD	R	CDIF	AB
1524	767	2	$\frac{u^2}{v^4w^2\pi^2}$	CDF	R	CDI	AB

1525	768	1	$\sqrt{\frac{u}{v^2 w \pi}}$	CD	R	CDIF	R
1526	768	2	$\sqrt{\frac{u}{v^2 w \pi}}$	CDF	R	CDI	R
1527	769	1	$\frac{u^3}{v^6 w^3 \pi^3}$	CD	R	CDIF	K
1528	769	2	$\frac{u^3}{v^6 w^3 \pi^3}$	CDF	R	CDI	K
1529	770	1	$e^{\frac{u}{v^2 w \pi}}$	CD	R	CDIF	E
1530	770	2	$e^{\frac{u}{v^2 w \pi}}$	CDF	R	CDI	E
1531	771	1	$\log\left(\frac{u}{v^2 w \pi}\right)$	CD	R	CDIF	L
1532	771	2	$\log\left(\frac{u}{v^2 w \pi}\right)$	CDF	R	CDI	L
1533	772	1	$\arcsin\left(\frac{u}{v^2 w \pi}\right)$	CD	R	CDIF	S
1534	772	2	$\arcsin\left(\frac{u}{v^2 w \pi}\right)$	CDF	R	CDI	S
1535	773	1	$\arctan\left(\frac{u}{v^2 w \pi}\right)$	CD	R	CDIF	T
1536	773	2	$\arctan\left(\frac{u}{v^2 w \pi}\right)$	CDF	R	CDI	T
1537	774	1	$\sqrt{-\frac{v^4 w^2 \pi^2 + u^2}{v^4 w^2 \pi^2}}$	CD	R	CDIF	P
1538	774	2	$\sqrt{-\frac{v^4 w^2 \pi^2 + u^2}{v^4 w^2 \pi^2}}$	CDF	R	CDI	P
1539	775	1	$\sqrt{\frac{v^4 w^2 \pi^2 + u^2}{v^4 w^2 \pi^2}}$	CD	R	CDIF	H
1540	775	2	$\sqrt{\frac{v^4 w^2 \pi^2 + u^2}{v^4 w^2 \pi^2}}$	CDF	R	CDI	H
1541	776	1	$\frac{u\sqrt{w}}{v^2}$	CD	R	AB	CD
1542	776	2	$\frac{u\sqrt{w}}{v^2}$	CDF	R	AB	CDF

1543	777	1	$\frac{v^2}{u\sqrt{w}}$	CD	R	AB	CDI
1544	777	2	$\frac{v^2}{u\sqrt{w}}$	CDF	R	AB	CDIF
1545	778	1	$\frac{u\sqrt{w}\pi}{v^2}$	CD	R	AB	CDF
1546	779	1	$\frac{v^2}{u\sqrt{w}\pi}$	CD	R	AB	CDIF
1547	780	1	$\frac{u^2w}{v^4}$	CD	R	AB	AB
1548	781	1	$\sqrt{\frac{u\sqrt{w}}{v^2}}$	CD	R	AB	R
1549	782	1	$\frac{u^3w^{3/2}}{v^6}$	CD	R	AB	K
1550	783	1	$e^{\frac{u\sqrt{w}}{v^2}}$	CD	R	AB	E
1551	784	1	$\log\left(\frac{u\sqrt{w}}{v^2}\right)$	CD	R	AB	L
1552	785	1	$\arcsin\left(\frac{u\sqrt{w}}{v^2}\right)$	CD	R	AB	S
1553	786	1	$\arctan\left(\frac{u\sqrt{w}}{v^2}\right)$	CD	R	AB	T
1554	787	1	$\sqrt{-\frac{v^4 + u^2w}{v^4}}$	CD	R	AB	P
1555	788	1	$\sqrt{\frac{v^4 + u^2w}{v^4}}$	CD	R	AB	H
1556	789	1	$\frac{uw^2}{v^2}$	CD	R	R	CD
1557	789	2	$\frac{uw^2}{v^2}$	CDF	R	R	CDF

1558	789	3	$\frac{uw^2}{v^2}$	AB	CD	CD	AB
1559	789	4	$\frac{uw^2}{v^2}$	AB	CDF	CDF	AB
1560	790	1	$\frac{v^2}{uw^2}$	CD	R	R	CDI
1561	790	2	$\frac{v^2}{uw^2}$	CDF	R	R	CDIF
1562	791	1	$\frac{uw^2\pi}{v^2}$	CD	R	R	CDF
1563	792	1	$\frac{v^2}{uw^2\pi}$	CD	R	R	CDIF
1564	793	1	$\frac{u^2w^4}{v^4}$	CD	R	R	AB
1565	794	1	$\sqrt{\frac{uw^2}{v^2}}$	CD	R	R	R
1566	795	1	$\frac{u^3w^6}{v^6}$	CD	R	R	K
1567	796	1	$e^{\frac{uw^2}{v^2}}$	CD	R	R	E
1568	797	1	$\log\left(\frac{uw^2}{v^2}\right)$	CD	R	R	L
1569	798	1	$\arcsin\left(\frac{uw^2}{v^2}\right)$	CD	R	R	S
1570	799	1	$\arctan\left(\frac{uw^2}{v^2}\right)$	CD	R	R	T
1571	800	1	$\sqrt{-\frac{v^4 + u^2w^4}{v^4}}$	CD	R	R	P
1572	801	1	$\sqrt{\frac{v^4 + u^2w^4}{v^4}}$	CD	R	R	H

1573	802	1	$\frac{u\sqrt[3]{w}}{v^2}$	CD	R	K	CD
1574	802	2	$\frac{u\sqrt[3]{w}}{v^2}$	CDF	R	K	CDF
1575	803	1	$\frac{v^2}{u\sqrt[3]{w}}$	CD	R	K	CDI
1576	803	2	$\frac{v^2}{u\sqrt[3]{w}}$	CDF	R	K	CDIF
1577	804	1	$\frac{u\sqrt[3]{w}\pi}{v^2}$	CD	R	K	CDF
1578	805	1	$\frac{v^2}{u\sqrt[3]{w}\pi}$	CD	R	K	CDIF
1579	806	1	$\frac{u^2w^{2/3}}{v^4}$	CD	R	K	AB
1580	807	1	$\sqrt{\frac{u\sqrt[3]{w}}{v^2}}$	CD	R	K	R
1581	808	1	$\frac{u^3w}{v^6}$	CD	R	K	K
1582	809	1	$e^{\frac{u\sqrt[3]{w}}{v^2}}$	CD	R	K	E
1583	810	1	$\log\left(\frac{u\sqrt[3]{w}}{v^2}\right)$	CD	R	K	L
1584	811	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{v^2}\right)$	CD	R	K	S
1585	812	1	$\arctan\left(\frac{u\sqrt[3]{w}}{v^2}\right)$	CD	R	K	T
1586	813	1	$\sqrt{-\frac{v^4 + u^2w^{2/3}}{v^4}}$	CD	R	K	P
1587	814	1	$\sqrt{\frac{v^4 + u^2w^{2/3}}{v^4}}$	CD	R	K	H

1588	815	1	$\frac{u \ln(w)}{v^2}$	CD	R	E	CD
1589	815	2	$\frac{u \ln(w)}{v^2}$	CDF	R	E	CDF
1590	816	1	$\frac{v^2}{u \ln(w)}$	CD	R	E	CDI
1591	816	2	$\frac{v^2}{u \ln(w)}$	CDF	R	E	CDIF
1592	817	1	$\frac{u \ln(w) \pi}{v^2}$	CD	R	E	CDF
1593	818	1	$\frac{v^2}{u \ln(w) \pi}$	CD	R	E	CDIF
1594	819	1	$\frac{u^2 (\ln(w))^2}{v^4}$	CD	R	E	AB
1595	820	1	$\sqrt{\frac{u \ln(w)}{v^2}}$	CD	R	E	R
1596	821	1	$\frac{u^3 (\ln(w))^3}{v^6}$	CD	R	E	K
1597	822	1	$w^{\frac{u}{v^2}}$	CD	R	E	E
1598	823	1	$\log\left(\frac{u \ln(w)}{v^2}\right)$	CD	R	E	L
1599	824	1	$\arcsin\left(\frac{u \ln(w)}{v^2}\right)$	CD	R	E	S
1600	825	1	$\arctan\left(\frac{u \ln(w)}{v^2}\right)$	CD	R	E	T
1601	826	1	$\sqrt{-\frac{v^4 + u^2 (\ln(w))^2}{v^4}}$	CD	R	E	P
1602	827	1	$\sqrt{\frac{v^4 + u^2 (\ln(w))^2}{v^4}}$	CD	R	E	H

1603	828	1	$\frac{uExp(w)}{v^2}$	CD	R	L	CD
1604	828	2	$\frac{uExp(w)}{v^2}$	CDF	R	L	CDF
1605	829	1	$\frac{v^2}{uExp(w)}$	CD	R	L	CDI
1606	829	2	$\frac{v^2}{uExp(w)}$	CDF	R	L	CDIF
1607	830	1	$\frac{uExp(w) \pi}{v^2}$	CD	R	L	CDF
1608	831	1	$\frac{v^2}{uExp(w) \pi}$	CD	R	L	CDIF
1609	832	1	$\frac{u^2 (Exp(w))^2}{v^4}$	CD	R	L	AB
1610	833	1	$\sqrt{\frac{uExp(w)}{v^2}}$	CD	R	L	R
1611	834	1	$\frac{u^3 (Exp(w))^3}{v^6}$	CD	R	L	K
1612	835	1	$e^{\frac{uExp(w)}{v^2}}$	CD	R	L	E
1613	836	1	$\log\left(\frac{uExp(w)}{v^2}\right)$	CD	R	L	L
1614	837	1	$\arcsin\left(\frac{uExp(w)}{v^2}\right)$	CD	R	L	S
1615	838	1	$\arctan\left(\frac{uExp(w)}{v^2}\right)$	CD	R	L	T
1616	839	1	$\sqrt{-\frac{v^4 + u^2 (Exp(w))^2}{v^4}}$	CD	R	L	P
1617	840	1	$\sqrt{\frac{v^4 + u^2 (Exp(w))^2}{v^4}}$	CD	R	L	H

1618	841	1	$\frac{u \sin(w)}{v^2}$	CD	R	S	CD
1619	841	2	$\frac{u \sin(w)}{v^2}$	CDF	R	S	CDF
1620	842	1	$\frac{v^2}{u \sin(w)}$	CD	R	S	CDI
1621	842	2	$\frac{v^2}{u \sin(w)}$	CDF	R	S	CDIF
1622	843	1	$\frac{u \sin(w) \pi}{v^2}$	CD	R	S	CDF
1623	844	1	$\frac{v^2}{u \sin(w) \pi}$	CD	R	S	CDIF
1624	845	1	$\frac{u^2 (\sin(w))^2}{v^4}$	CD	R	S	AB
1625	846	1	$\sqrt{\frac{u \sin(w)}{v^2}}$	CD	R	S	R
1626	847	1	$\frac{u^3 (\sin(w))^3}{v^6}$	CD	R	S	K
1627	848	1	$e^{\frac{u \sin(w)}{v^2}}$	CD	R	S	E
1628	849	1	$\log\left(\frac{u \sin(w)}{v^2}\right)$	CD	R	S	L
1629	850	1	$\arcsin\left(\frac{u \sin(w)}{v^2}\right)$	CD	R	S	S
1630	851	1	$\arctan\left(\frac{u \sin(w)}{v^2}\right)$	CD	R	S	T
1631	852	1	$\sqrt{\frac{v^4 - u^2 + u^2 (\cos(w))^2}{v^4}}$	CD	R	S	P
1632	853	1	$\sqrt{-\frac{v^4 - u^2 + u^2 (\cos(w))^2}{v^4}}$	CD	R	S	H

1633	854	1	$\frac{u \tan(w)}{v^2}$	CD	R	T	CD
1634	854	2	$\frac{u \tan(w)}{v^2}$	CDF	R	T	CDF
1635	855	1	$\frac{v^2}{u \tan(w)}$	CD	R	T	CDI
1636	855	2	$\frac{v^2}{u \tan(w)}$	CDF	R	T	CDIF
1637	856	1	$\frac{u \tan(w) \pi}{v^2}$	CD	R	T	CDF
1638	857	1	$\frac{v^2}{u \tan(w) \pi}$	CD	R	T	CDIF
1639	858	1	$\frac{u^2 (\tan(w))^2}{v^4}$	CD	R	T	AB
1640	859	1	$\sqrt{\frac{u \tan(w)}{v^2}}$	CD	R	T	R
1641	860	1	$\frac{u^3 (\tan(w))^3}{v^6}$	CD	R	T	K
1642	861	1	$e^{\frac{u \tan(w)}{v^2}}$	CD	R	T	E
1643	862	1	$\log\left(\frac{u \tan(w)}{v^2}\right)$	CD	R	T	L
1644	863	1	$\arcsin\left(\frac{u \tan(w)}{v^2}\right)$	CD	R	T	S
1645	864	1	$\arctan\left(\frac{u \tan(w)}{v^2}\right)$	CD	R	T	T
1646	865	1	$\sqrt{-\frac{v^4 + u^2 (\tan(w))^2}{v^4}}$	CD	R	T	P
1647	866	1	$\sqrt{\frac{v^4 + u^2 (\tan(w))^2}{v^4}}$	CD	R	T	H

1648	867	1	$\frac{u\sqrt{-(w-1)(w+1)}}{v^2}$	CD	R	P	CD
1649	867	2	$\frac{u\sqrt{-(w-1)(w+1)}}{v^2}$	CDF	R	P	CDF
1650	868	1	$\frac{v^2}{u\sqrt{1-w^2}}$	CD	R	P	CDI
1651	868	2	$\frac{v^2}{u\sqrt{1-w^2}}$	CDF	R	P	CDIF
1652	869	1	$\frac{u\sqrt{-(w-1)(w+1)}\pi}{v^2}$	CD	R	P	CDF
1653	870	1	$\frac{v^2}{u\sqrt{1-w^2}\pi}$	CD	R	P	CDIF
1654	871	1	$-\frac{u^2(-1+w^2)}{v^4}$	CD	R	P	AB
1655	872	1	$\sqrt{\frac{u\sqrt{-(w-1)(w+1)}}{v^2}}$	CD	R	P	R
1656	873	1	$\frac{u^3(1-w^2)^{3/2}}{v^6}$	CD	R	P	K
1657	874	1	$e^{\frac{u\sqrt{-(w-1)(w+1)}}{v^2}}$	CD	R	P	E
1658	875	1	$\log\left(\frac{u\sqrt{-(w-1)(w+1)}}{v^2}\right)$	CD	R	P	L
1659	876	1	$\arcsin\left(\frac{u\sqrt{-(w-1)(w+1)}}{v^2}\right)$	CD	R	P	S
1660	877	1	$\arctan\left(\frac{u\sqrt{-(w-1)(w+1)}}{v^2}\right)$	CD	R	P	T
1661	878	1	$\sqrt{\frac{v^4-u^2+u^2w^2}{v^4}}$	CD	R	P	P
1662	878	2	$\sqrt{\frac{v^4-u^2+u^2w^2}{v^4}}$	CD	R	H	H

1663	879	1	$\sqrt{-\frac{-v^4 - u^2 + u^2 w^2}{v^4}}$	CD	R	P	H
1664	879	2	$\sqrt{-\frac{-v^4 - u^2 + u^2 w^2}{v^4}}$	CD	R	H	P
1665	880	1	$\frac{u\sqrt{(w-1)(w+1)}}{v^2}$	CD	R	H	CD
1666	880	2	$\frac{u\sqrt{(w-1)(w+1)}}{v^2}$	CDF	R	H	CDF
1667	881	1	$\frac{v^2}{u\sqrt{-1+w^2}}$	CD	R	H	CDI
1668	881	2	$\frac{v^2}{u\sqrt{-1+w^2}}$	CDF	R	H	CDIF
1669	882	1	$\frac{u\sqrt{(w-1)(w+1)}\pi}{v^2}$	CD	R	H	CDF
1670	883	1	$\frac{v^2}{u\sqrt{-1+w^2}\pi}$	CD	R	H	CDIF
1671	884	1	$\frac{u^2(-1+w^2)}{v^4}$	CD	R	H	AB
1672	885	1	$\sqrt{\frac{u\sqrt{(w-1)(w+1)}}{v^2}}$	CD	R	H	R
1673	886	1	$\frac{u^3(-1+w^2)^{3/2}}{v^6}$	CD	R	H	K
1674	887	1	$e^{\frac{u\sqrt{(w-1)(w+1)}}{v^2}}$	CD	R	H	E
1675	888	1	$\log\left(\frac{u\sqrt{(w-1)(w+1)}}{v^2}\right)$	CD	R	H	L
1676	889	1	$\arcsin\left(\frac{u\sqrt{(w-1)(w+1)}}{v^2}\right)$	CD	R	H	S

1677	890	1	$\arctan\left(\frac{u\sqrt{(w-1)(w+1)}}{v^2}\right)$	CD	R	H	T
1678	891	1	$\frac{uw}{\sqrt[3]{v}}$	CD	K	CD	CD
1679	891	2	$\frac{uw}{\sqrt[3]{v}}$	CD	K	CDF	CDF
1680	891	3	$\frac{uw}{\sqrt[3]{v}}$	CDF	K	CD	CDF
1681	892	1	$\frac{\sqrt[3]{v}}{uw}$	CD	K	CD	CDI
1682	892	2	$\frac{\sqrt[3]{v}}{uw}$	CD	K	CDF	CDIF
1683	892	3	$\frac{\sqrt[3]{v}}{uw}$	CDF	K	CD	CDIF
1684	893	1	$\frac{uw\pi}{\sqrt[3]{v}}$	CD	K	CD	CDF
1685	894	1	$\frac{\sqrt[3]{v}}{uw\pi}$	CD	K	CD	CDIF
1686	895	1	$\frac{u^2w^2}{v^{2/3}}$	CD	K	CD	AB
1687	896	1	$\sqrt{\frac{uw}{\sqrt[3]{v}}}$	CD	K	CD	R
1688	897	1	$\frac{u^3w^3}{v}$	CD	K	CD	K
1689	898	1	$e^{\frac{uw}{\sqrt[3]{v}}}$	CD	K	CD	E
1690	899	1	$\log\left(\frac{uw}{\sqrt[3]{v}}\right)$	CD	K	CD	L
1691	900	1	$\arcsin\left(\frac{uw}{\sqrt[3]{v}}\right)$	CD	K	CD	S
1692	901	1	$\arctan\left(\frac{uw}{\sqrt[3]{v}}\right)$	CD	K	CD	T

1693	902	1	$\sqrt{-\frac{v^{2/3} + u^2 w^2}{v^{2/3}}}$	CD	K	CD	P
1694	903	1	$\sqrt{\frac{v^{2/3} + u^2 w^2}{v^{2/3}}}$	CD	K	CD	H
1695	904	1	$\frac{u}{\sqrt[3]{vw}}$	CD	K	CDI	CD
1696	904	2	$\frac{u}{\sqrt[3]{vw}}$	CD	K	CDIF	CDF
1697	904	3	$\frac{u}{\sqrt[3]{vw}}$	CDF	K	CDI	CDF
1698	905	1	$\frac{\sqrt[3]{vw}}{u}$	CD	K	CDI	CDI
1699	905	2	$\frac{\sqrt[3]{vw}}{u}$	CD	K	CDIF	CDIF
1700	905	3	$\frac{\sqrt[3]{vw}}{u}$	CDF	K	CDI	CDIF
1701	906	1	$\frac{u\pi}{\sqrt[3]{vw}}$	CD	K	CDI	CDF
1702	907	1	$\frac{\sqrt[3]{vw}}{u\pi}$	CD	K	CDI	CDIF
1703	908	1	$\frac{u^2}{v^{2/3}w^2}$	CD	K	CDI	AB
1704	909	1	$\sqrt{\frac{u}{\sqrt[3]{vw}}}$	CD	K	CDI	R
1705	910	1	$\frac{u^3}{vw^3}$	CD	K	CDI	K
1706	911	1	$e^{\frac{u}{\sqrt[3]{vw}}}$	CD	K	CDI	E
1707	912	1	$\log\left(\frac{u}{\sqrt[3]{vw}}\right)$	CD	K	CDI	L
1708	913	1	$\arcsin\left(\frac{u}{\sqrt[3]{vw}}\right)$	CD	K	CDI	S

1709	914	1	$\arctan\left(\frac{u}{\sqrt[3]{vw}}\right)$	CD	K	CDI	T
1710	915	1	$\sqrt{-\frac{v^{2/3}w^2 + u^2}{v^{2/3}w^2}}$	CD	K	CDI	P
1711	916	1	$\sqrt{\frac{v^{2/3}w^2 + u^2}{v^{2/3}w^2}}$	CD	K	CDI	H
1712	917	1	$\frac{uw}{\sqrt[3]{v\pi}}$	CD	K	CDF	CD
1713	917	2	$\frac{uw}{\sqrt[3]{v\pi}}$	CDF	K	CD	CD
1714	917	3	$\frac{uw}{\sqrt[3]{v\pi}}$	CDF	K	CDF	CDF
1715	918	1	$\frac{\sqrt[3]{v\pi}}{uw}$	CD	K	CDF	CDI
1716	918	2	$\frac{\sqrt[3]{v\pi}}{uw}$	CDF	K	CD	CDI
1717	918	3	$\frac{\sqrt[3]{v\pi}}{uw}$	CDF	K	CDF	CDIF
1718	919	1	$\frac{u^2w^2}{v^{2/3}\pi^2}$	CD	K	CDF	AB
1719	919	2	$\frac{u^2w^2}{v^{2/3}\pi^2}$	CDF	K	CD	AB
1720	920	1	$\sqrt{\frac{uw}{\sqrt[3]{v\pi}}}$	CD	K	CDF	R
1721	920	2	$\sqrt{\frac{uw}{\sqrt[3]{v\pi}}}$	CDF	K	CD	R
1722	921	1	$\frac{u^3w^3}{v\pi^3}$	CD	K	CDF	K
1723	921	2	$\frac{u^3w^3}{v\pi^3}$	CDF	K	CD	K
1724	922	1	$e^{\frac{uw}{\sqrt[3]{v\pi}}}$	CD	K	CDF	E
1725	922	2	$e^{\frac{uw}{\sqrt[3]{v\pi}}}$	CDF	K	CD	E
1726	923	1	$\log\left(\frac{uw}{\sqrt[3]{v\pi}}\right)$	CD	K	CDF	L

1727	923	2	$\log\left(\frac{uw}{\sqrt[3]{v}\pi}\right)$	CDF	K	CD	L
1728	924	1	$\arcsin\left(\frac{uw}{\sqrt[3]{v}\pi}\right)$	CD	K	CDF	S
1729	924	2	$\arcsin\left(\frac{uw}{\sqrt[3]{v}\pi}\right)$	CDF	K	CD	S
1730	925	1	$\arctan\left(\frac{uw}{\sqrt[3]{v}\pi}\right)$	CD	K	CDF	T
1731	925	2	$\arctan\left(\frac{uw}{\sqrt[3]{v}\pi}\right)$	CDF	K	CD	T
1732	926	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2w^2}{v^{2/3}\pi^2}}$	CD	K	CDF	P
1733	926	2	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	CD	P
1734	927	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2w^2}{v^{2/3}\pi^2}}$	CD	K	CDF	H
1735	927	2	$\sqrt{\frac{v^{2/3}\pi^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	CD	H
1736	928	1	$\frac{u}{\sqrt[3]{vw}\pi}$	CD	K	CDIF	CD
1737	928	2	$\frac{u}{\sqrt[3]{vw}\pi}$	CDF	K	CDI	CD
1738	928	3	$\frac{u}{\sqrt[3]{vw}\pi}$	CDF	K	CDIF	CDF
1739	929	1	$\frac{\sqrt[3]{vw}\pi}{u}$	CD	K	CDIF	CDI
1740	929	2	$\frac{\sqrt[3]{vw}\pi}{u}$	CDF	K	CDI	CDI
1741	929	3	$\frac{\sqrt[3]{vw}\pi}{u}$	CDF	K	CDIF	CDIF
1742	930	1	$\frac{u^2}{v^{2/3}w^2\pi^2}$	CD	K	CDIF	AB
1743	930	2	$\frac{u^2}{v^{2/3}w^2\pi^2}$	CDF	K	CDI	AB

1744	931	1	$\sqrt{\frac{u}{\sqrt[3]{vw\pi}}}$	CD	K	CDIF	R
1745	931	2	$\sqrt{\frac{u}{\sqrt[3]{vw\pi}}}$	CDF	K	CDI	R
1746	932	1	$\frac{u^3}{vw^3\pi^3}$	CD	K	CDIF	K
1747	932	2	$\frac{u^3}{vw^3\pi^3}$	CDF	K	CDI	K
1748	933	1	$e^{\frac{u}{\sqrt[3]{vw\pi}}}$	CD	K	CDIF	E
1749	933	2	$e^{\frac{u}{\sqrt[3]{vw\pi}}}$	CDF	K	CDI	E
1750	934	1	$\log\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CD	K	CDIF	L
1751	934	2	$\log\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CDF	K	CDI	L
1752	935	1	$\arcsin\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CD	K	CDIF	S
1753	935	2	$\arcsin\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CDF	K	CDI	S
1754	936	1	$\arctan\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CD	K	CDIF	T
1755	936	2	$\arctan\left(\frac{u}{\sqrt[3]{vw\pi}}\right)$	CDF	K	CDI	T
1756	937	1	$\sqrt{-\frac{v^{2/3}w^2\pi^2 + u^2}{v^{2/3}w^2\pi^2}}$	CD	K	CDIF	P
1757	937	2	$\sqrt{-\frac{v^{2/3}w^2\pi^2 + u^2}{v^{2/3}w^2\pi^2}}$	CDF	K	CDI	P
1758	938	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + u^2}{v^{2/3}w^2\pi^2}}$	CD	K	CDIF	H
1759	938	2	$\sqrt{\frac{v^{2/3}w^2\pi^2 + u^2}{v^{2/3}w^2\pi^2}}$	CDF	K	CDI	H
1760	939	1	$\frac{u\sqrt{w}}{\sqrt[3]{v}}$	CD	K	AB	CD

1761	939	2	$\frac{u\sqrt{w}}{\sqrt[3]{v}}$	CDF	K	AB	CDF
1762	940	1	$\frac{\sqrt[3]{v}}{u\sqrt{w}}$	CD	K	AB	CDI
1763	940	2	$\frac{\sqrt[3]{v}}{u\sqrt{w}}$	CDF	K	AB	CDIF
1764	941	1	$\frac{u\sqrt{w}\pi}{\sqrt[3]{v}}$	CD	K	AB	CDF
1765	942	1	$\frac{\sqrt[3]{v}}{u\sqrt{w}\pi}$	CD	K	AB	CDIF
1766	943	1	$\frac{u^2w}{v^{2/3}}$	CD	K	AB	AB
1767	944	1	$\sqrt{\frac{u\sqrt{w}}{\sqrt[3]{v}}}$	CD	K	AB	R
1768	945	1	$\frac{u^3w^{3/2}}{v}$	CD	K	AB	K
1769	946	1	$e^{\frac{u\sqrt{w}}{\sqrt[3]{v}}}$	CD	K	AB	E
1770	947	1	$\log\left(\frac{u\sqrt{w}}{\sqrt[3]{v}}\right)$	CD	K	AB	L
1771	948	1	$\arcsin\left(\frac{u\sqrt{w}}{\sqrt[3]{v}}\right)$	CD	K	AB	S
1772	949	1	$\arctan\left(\frac{u\sqrt{w}}{\sqrt[3]{v}}\right)$	CD	K	AB	T
1773	950	1	$\sqrt{-\frac{v^{2/3}+u^2w}{v^{2/3}}}$	CD	K	AB	P
1774	951	1	$\sqrt{\frac{v^{2/3}+u^2w}{v^{2/3}}}$	CD	K	AB	H
1775	952	1	$\frac{uw^2}{\sqrt[3]{v}}$	CD	K	R	CD

1776	952	2	$\frac{uw^2}{\sqrt[3]{v}}$	CDF	K	R	CDF
1777	953	1	$\frac{\sqrt[3]{v}}{uw^2}$	CD	K	R	CDI
1778	953	2	$\frac{\sqrt[3]{v}}{uw^2}$	CDF	K	R	CDIF
1779	954	1	$\frac{uw^2\pi}{\sqrt[3]{v}}$	CD	K	R	CDF
1780	955	1	$\frac{\sqrt[3]{v}}{uw^2\pi}$	CD	K	R	CDIF
1781	956	1	$\frac{u^2w^4}{v^{2/3}}$	CD	K	R	AB
1782	957	1	$\sqrt{\frac{uw^2}{\sqrt[3]{v}}}$	CD	K	R	R
1783	958	1	$\frac{u^3w^6}{v}$	CD	K	R	K
1784	959	1	$e^{\frac{uw^2}{\sqrt[3]{v}}}$	CD	K	R	E
1785	960	1	$\log\left(\frac{uw^2}{\sqrt[3]{v}}\right)$	CD	K	R	L
1786	961	1	$\arcsin\left(\frac{uw^2}{\sqrt[3]{v}}\right)$	CD	K	R	S
1787	962	1	$\arctan\left(\frac{uw^2}{\sqrt[3]{v}}\right)$	CD	K	R	T
1788	963	1	$\sqrt{-\frac{v^{2/3} + u^2w^4}{v^{2/3}}}$	CD	K	R	P
1789	964	1	$\sqrt{\frac{v^{2/3} + u^2w^4}{v^{2/3}}}$	CD	K	R	H
1790	965	1	$\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}$	CD	K	K	CD

1791	965	2	$\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}$	CDF	K	K	CDF
1792	966	1	$\frac{\sqrt[3]{v}}{u\sqrt[3]{w}}$	CD	K	K	CDI
1793	966	2	$\frac{\sqrt[3]{v}}{u\sqrt[3]{w}}$	CDF	K	K	CDIF
1794	967	1	$\frac{u\sqrt[3]{w}\pi}{\sqrt[3]{v}}$	CD	K	K	CDF
1795	968	1	$\frac{\sqrt[3]{v}}{u\sqrt[3]{w}\pi}$	CD	K	K	CDIF
1796	969	1	$\frac{u^2w^{2/3}}{v^{2/3}}$	CD	K	K	AB
1797	970	1	$\sqrt{\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}}$	CD	K	K	R
1798	971	1	$\frac{u^3w}{v}$	CD	K	K	K
1799	972	1	$e^{\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}}$	CD	K	K	E
1800	973	1	$\log\left(\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	CD	K	K	L
1801	974	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	CD	K	K	S
1802	975	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	CD	K	K	T
1803	976	1	$\sqrt{-\frac{v^{2/3}+u^2w^{2/3}}{v^{2/3}}}$	CD	K	K	P
1804	977	1	$\sqrt{\frac{v^{2/3}+u^2w^{2/3}}{v^{2/3}}}$	CD	K	K	H
1805	978	1	$\frac{u\ln(w)}{\sqrt[3]{v}}$	CD	K	E	CD

1806	978	2	$\frac{u \ln(w)}{\sqrt[3]{v}}$	CDF	K	E	CDF
1807	979	1	$\frac{\sqrt[3]{v}}{u \ln(w)}$	CD	K	E	CDI
1808	979	2	$\frac{\sqrt[3]{v}}{u \ln(w)}$	CDF	K	E	CDIF
1809	980	1	$\frac{u \ln(w) \pi}{\sqrt[3]{v}}$	CD	K	E	CDF
1810	981	1	$\frac{\sqrt[3]{v}}{u \ln(w) \pi}$	CD	K	E	CDIF
1811	982	1	$\frac{u^2 (\ln(w))^2}{v^{2/3}}$	CD	K	E	AB
1812	983	1	$\sqrt{\frac{u \ln(w)}{\sqrt[3]{v}}}$	CD	K	E	R
1813	984	1	$\frac{u^3 (\ln(w))^3}{v}$	CD	K	E	K
1814	985	1	$w^{\frac{u}{\sqrt[3]{v}}}$	CD	K	E	E
1815	986	1	$\log\left(\frac{u \ln(w)}{\sqrt[3]{v}}\right)$	CD	K	E	L
1816	987	1	$\arcsin\left(\frac{u \ln(w)}{\sqrt[3]{v}}\right)$	CD	K	E	S
1817	988	1	$\arctan\left(\frac{u \ln(w)}{\sqrt[3]{v}}\right)$	CD	K	E	T
1818	989	1	$\sqrt{-\frac{v^{2/3} + u^2 (\ln(w))^2}{v^{2/3}}}$	CD	K	E	P
1819	990	1	$\sqrt{\frac{v^{2/3} + u^2 (\ln(w))^2}{v^{2/3}}}$	CD	K	E	H
1820	991	1	$\frac{u \text{Exp}(w)}{\sqrt[3]{v}}$	CD	K	L	CD

1821	991	2	$\frac{uExp(w)}{\sqrt[3]{v}}$	CDF	K	L	CDF
1822	992	1	$\frac{\sqrt[3]{v}}{uExp(w)}$	CD	K	L	CDI
1823	992	2	$\frac{\sqrt[3]{v}}{uExp(w)}$	CDF	K	L	CDIF
1824	993	1	$\frac{uExp(w) \pi}{\sqrt[3]{v}}$	CD	K	L	CDF
1825	994	1	$\frac{\sqrt[3]{v}}{uExp(w) \pi}$	CD	K	L	CDIF
1826	995	1	$\frac{u^2 (Exp(w))^2}{v^{2/3}}$	CD	K	L	AB
1827	996	1	$\sqrt{\frac{uExp(w)}{\sqrt[3]{v}}}$	CD	K	L	R
1828	997	1	$\frac{u^3 (Exp(w))^3}{v}$	CD	K	L	K
1829	998	1	$e^{\frac{uExp(w)}{\sqrt[3]{v}}}$	CD	K	L	E
1830	999	1	$\log\left(\frac{uExp(w)}{\sqrt[3]{v}}\right)$	CD	K	L	L
1831	1000	1	$\arcsin\left(\frac{uExp(w)}{\sqrt[3]{v}}\right)$	CD	K	L	S
1832	1001	1	$\arctan\left(\frac{uExp(w)}{\sqrt[3]{v}}\right)$	CD	K	L	T
1833	1002	1	$\sqrt{-\frac{v^{2/3} + u^2 (Exp(w))^2}{v^{2/3}}}$	CD	K	L	P
1834	1003	1	$\sqrt{\frac{v^{2/3} + u^2 (Exp(w))^2}{v^{2/3}}}$	CD	K	L	H
1835	1004	1	$\frac{u \sin(w)}{\sqrt[3]{v}}$	CD	K	S	CD

1836	1004	2	$\frac{u \sin(w)}{\sqrt[3]{v}}$	CDF	K	S	CDF
1837	1005	1	$\frac{\sqrt[3]{v}}{u \sin(w)}$	CD	K	S	CDI
1838	1005	2	$\frac{\sqrt[3]{v}}{u \sin(w)}$	CDF	K	S	CDIF
1839	1006	1	$\frac{u \sin(w) \pi}{\sqrt[3]{v}}$	CD	K	S	CDF
1840	1007	1	$\frac{\sqrt[3]{v}}{u \sin(w) \pi}$	CD	K	S	CDIF
1841	1008	1	$\frac{u^2 (\sin(w))^2}{v^{2/3}}$	CD	K	S	AB
1842	1009	1	$\sqrt{\frac{u \sin(w)}{\sqrt[3]{v}}}$	CD	K	S	R
1843	1010	1	$\frac{u^3 (\sin(w))^3}{v}$	CD	K	S	K
1844	1011	1	$e^{\frac{u \sin(w)}{\sqrt[3]{v}}}$	CD	K	S	E
1845	1012	1	$\log\left(\frac{u \sin(w)}{\sqrt[3]{v}}\right)$	CD	K	S	L
1846	1013	1	$\arcsin\left(\frac{u \sin(w)}{\sqrt[3]{v}}\right)$	CD	K	S	S
1847	1014	1	$\arctan\left(\frac{u \sin(w)}{\sqrt[3]{v}}\right)$	CD	K	S	T
1848	1015	1	$\sqrt{\frac{v^{2/3} + u^2 (\cos(w))^2 - u^2}{v^{2/3}}}$	CD	K	S	P
1849	1016	1	$\sqrt{-\frac{v^{2/3} + u^2 (\cos(w))^2 - u^2}{v^{2/3}}}$	CD	K	S	H
1850	1017	1	$\frac{u \tan(w)}{\sqrt[3]{v}}$	CD	K	T	CD

1851	1017	2	$\frac{u \tan(w)}{\sqrt[3]{v}}$	CDF	K	T	CDF
1852	1018	1	$\frac{\sqrt[3]{v}}{u \tan(w)}$	CD	K	T	CDI
1853	1018	2	$\frac{\sqrt[3]{v}}{u \tan(w)}$	CDF	K	T	CDIF
1854	1019	1	$\frac{u \tan(w) \pi}{\sqrt[3]{v}}$	CD	K	T	CDF
1855	1020	1	$\frac{\sqrt[3]{v}}{u \tan(w) \pi}$	CD	K	T	CDIF
1856	1021	1	$\frac{u^2 (\tan(w))^2}{v^{2/3}}$	CD	K	T	AB
1857	1022	1	$\sqrt{\frac{u \tan(w)}{\sqrt[3]{v}}}$	CD	K	T	R
1858	1023	1	$\frac{u^3 (\tan(w))^3}{v}$	CD	K	T	K
1859	1024	1	$e^{\frac{u \tan(w)}{\sqrt[3]{v}}}$	CD	K	T	E
1860	1025	1	$\log\left(\frac{u \tan(w)}{\sqrt[3]{v}}\right)$	CD	K	T	L
1861	1026	1	$\arcsin\left(\frac{u \tan(w)}{\sqrt[3]{v}}\right)$	CD	K	T	S
1862	1027	1	$\arctan\left(\frac{u \tan(w)}{\sqrt[3]{v}}\right)$	CD	K	T	T
1863	1028	1	$\sqrt{-\frac{v^{2/3} + u^2 (\tan(w))^2}{v^{2/3}}}$	CD	K	T	P
1864	1029	1	$\sqrt{\frac{v^{2/3} + u^2 (\tan(w))^2}{v^{2/3}}}$	CD	K	T	H
1865	1030	1	$\frac{u \sqrt{1-w^2}}{\sqrt[3]{v}}$	CD	K	P	CD

1866	1030	2	$\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}$	CDF	K	P	CDF
1867	1031	1	$\frac{\sqrt[3]{v}}{u\sqrt{1-w^2}}$	CD	K	P	CDI
1868	1031	2	$\frac{\sqrt[3]{v}}{u\sqrt{1-w^2}}$	CDF	K	P	CDIF
1869	1032	1	$\frac{u\sqrt{1-w^2}\pi}{\sqrt[3]{v}}$	CD	K	P	CDF
1870	1033	1	$\frac{\sqrt[3]{v}}{u\sqrt{1-w^2}\pi}$	CD	K	P	CDIF
1871	1034	1	$-\frac{u^2(-1+w^2)}{v^{2/3}}$	CD	K	P	AB
1872	1035	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}}$	CD	K	P	R
1873	1036	1	$\frac{u^3(1-w^2)^{3/2}}{v}$	CD	K	P	K
1874	1037	1	$e^{\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}}$	CD	K	P	E
1875	1038	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	CD	K	P	L
1876	1039	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	CD	K	P	S
1877	1040	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	CD	K	P	T
1878	1041	1	$\sqrt{\frac{v^{2/3}-u^2+u^2w^2}{v^{2/3}}}$	CD	K	P	P
1879	1041	2	$\sqrt{\frac{v^{2/3}-u^2+u^2w^2}{v^{2/3}}}$	CD	K	H	H
1880	1042	1	$\sqrt{-\frac{v^{2/3}-u^2+u^2w^2}{v^{2/3}}}$	CD	K	P	H

1881	1042	2	$\sqrt{-\frac{v^{2/3} - u^2 + u^2 w^2}{v^{2/3}}}$	CD	K	H	P
1882	1043	1	$\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}$	CD	K	H	CD
1883	1043	2	$\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}$	CDF	K	H	CDF
1884	1044	1	$\frac{\sqrt[3]{v}}{u\sqrt{-1+w^2}}$	CD	K	H	CDI
1885	1044	2	$\frac{\sqrt[3]{v}}{u\sqrt{-1+w^2}}$	CDF	K	H	CDIF
1886	1045	1	$\frac{u\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	CD	K	H	CDF
1887	1046	1	$\frac{\sqrt[3]{v}}{u\sqrt{-1+w^2}\pi}$	CD	K	H	CDIF
1888	1047	1	$\frac{u^2(-1+w^2)}{v^{2/3}}$	CD	K	H	AB
1889	1048	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	CD	K	H	R
1890	1049	1	$\frac{u^3(-1+w^2)^{3/2}}{v}$	CD	K	H	K
1891	1050	1	$e^{\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	CD	K	H	E
1892	1051	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	CD	K	H	L
1893	1052	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	CD	K	H	S
1894	1053	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	CD	K	H	T
1895	1054	1	$\frac{uw}{\ln(v)}$	CD	E	CD	CD

1896	1054	2	$\frac{uw}{\ln(v)}$	CD	E	CDF	CDF
1897	1054	3	$\frac{uw}{\ln(v)}$	CDF	E	CD	CDF
1898	1055	1	$\frac{\ln(v)}{uw}$	CD	E	CD	CDI
1899	1055	2	$\frac{\ln(v)}{uw}$	CD	E	CDF	CDIF
1900	1055	3	$\frac{\ln(v)}{uw}$	CDF	E	CD	CDIF
1901	1056	1	$\frac{uw\pi}{\ln(v)}$	CD	E	CD	CDF
1902	1057	1	$\frac{\ln(v)}{uw\pi}$	CD	E	CD	CDIF
1903	1058	1	$\frac{u^2w^2}{(\ln(v))^2}$	CD	E	CD	AB
1904	1059	1	$\sqrt{\frac{uw}{\ln(v)}}$	CD	E	CD	R
1905	1060	1	$\frac{u^3w^3}{(\ln(v))^3}$	CD	E	CD	K
1906	1061	1	$e^{\frac{uw}{\ln(v)}}$	CD	E	CD	E
1907	1062	1	$\log\left(\frac{uw}{\ln(v)}\right)$	CD	E	CD	L
1908	1063	1	$\arcsin\left(\frac{uw}{\ln(v)}\right)$	CD	E	CD	S
1909	1064	1	$\arctan\left(\frac{uw}{\ln(v)}\right)$	CD	E	CD	T
1910	1065	1	$\sqrt{-\frac{(\ln(v))^2 + u^2w^2}{(\ln(v))^2}}$	CD	E	CD	P
1911	1066	1	$\sqrt{\frac{(\ln(v))^2 + u^2w^2}{(\ln(v))^2}}$	CD	E	CD	H

1912	1067	1	$\frac{u}{\ln(v) w}$	CD	E	CDI	CD
1913	1067	2	$\frac{u}{\ln(v) w}$	CD	E	CDIF	CDF
1914	1067	3	$\frac{u}{\ln(v) w}$	CDF	E	CDI	CDF
1915	1068	1	$\frac{\ln(v) w}{u}$	CD	E	CDI	CDI
1916	1068	2	$\frac{\ln(v) w}{u}$	CD	E	CDIF	CDIF
1917	1068	3	$\frac{\ln(v) w}{u}$	CDF	E	CDI	CDIF
1918	1069	1	$\frac{u\pi}{\ln(v) w}$	CD	E	CDI	CDF
1919	1070	1	$\frac{\ln(v) w}{u\pi}$	CD	E	CDI	CDIF
1920	1071	1	$\frac{u^2}{(\ln(v))^2 w^2}$	CD	E	CDI	AB
1921	1072	1	$\sqrt{\frac{u}{\ln(v) w}}$	CD	E	CDI	R
1922	1073	1	$\frac{u^3}{(\ln(v))^3 w^3}$	CD	E	CDI	K
1923	1074	1	$e^{\frac{u}{\ln(v) w}}$	CD	E	CDI	E
1924	1075	1	$\log\left(\frac{u}{\ln(v) w}\right)$	CD	E	CDI	L
1925	1076	1	$\arcsin\left(\frac{u}{\ln(v) w}\right)$	CD	E	CDI	S
1926	1077	1	$\arctan\left(\frac{u}{\ln(v) w}\right)$	CD	E	CDI	T
1927	1078	1	$\sqrt{-\frac{(\ln(v))^2 w^2 + u^2}{(\ln(v))^2 w^2}}$	CD	E	CDI	P

1928	1079	1	$\sqrt{\frac{(\ln(v))^2 w^2 + u^2}{(\ln(v))^2 w^2}}$	CD	E	CDI	H
1929	1080	1	$\frac{uw}{\ln(v)\pi}$	CD	E	CDF	CD
1930	1080	2	$\frac{uw}{\ln(v)\pi}$	CDF	E	CD	CD
1931	1080	3	$\frac{uw}{\ln(v)\pi}$	CDF	E	CDF	CDF
1932	1081	1	$\frac{\ln(v)\pi}{uw}$	CD	E	CDF	CDI
1933	1081	2	$\frac{\ln(v)\pi}{uw}$	CDF	E	CD	CDI
1934	1081	3	$\frac{\ln(v)\pi}{uw}$	CDF	E	CDF	CDIF
1935	1082	1	$\frac{u^2 w^2}{(\ln(v))^2 \pi^2}$	CD	E	CDF	AB
1936	1082	2	$\frac{u^2 w^2}{(\ln(v))^2 \pi^2}$	CDF	E	CD	AB
1937	1083	1	$\sqrt{\frac{uw}{\ln(v)\pi}}$	CD	E	CDF	R
1938	1083	2	$\sqrt{\frac{uw}{\ln(v)\pi}}$	CDF	E	CD	R
1939	1084	1	$\frac{u^3 w^3}{(\ln(v))^3 \pi^3}$	CD	E	CDF	K
1940	1084	2	$\frac{u^3 w^3}{(\ln(v))^3 \pi^3}$	CDF	E	CD	K
1941	1085	1	$e^{\frac{uw}{\ln(v)\pi}}$	CD	E	CDF	E
1942	1085	2	$e^{\frac{uw}{\ln(v)\pi}}$	CDF	E	CD	E
1943	1086	1	$\log\left(\frac{uw}{\ln(v)\pi}\right)$	CD	E	CDF	L
1944	1086	2	$\log\left(\frac{uw}{\ln(v)\pi}\right)$	CDF	E	CD	L
1945	1087	1	$\arcsin\left(\frac{uw}{\ln(v)\pi}\right)$	CD	E	CDF	S

1946	1087	2	$\arcsin\left(\frac{uw}{\ln(v)\pi}\right)$	CDF	E	CD	S
1947	1088	1	$\arctan\left(\frac{uw}{\ln(v)\pi}\right)$	CD	E	CDF	T
1948	1088	2	$\arctan\left(\frac{uw}{\ln(v)\pi}\right)$	CDF	E	CD	T
1949	1089	1	$\sqrt{-\frac{(\ln(v))^2\pi^2 + u^2w^2}{(\ln(v))^2\pi^2}}$	CD	E	CDF	P
1950	1089	2	$\sqrt{-\frac{(\ln(v))^2\pi^2 + u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	CD	P
1951	1090	1	$\sqrt{\frac{(\ln(v))^2\pi^2 + u^2w^2}{(\ln(v))^2\pi^2}}$	CD	E	CDF	H
1952	1090	2	$\sqrt{\frac{(\ln(v))^2\pi^2 + u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	CD	H
1953	1091	1	$\frac{u}{\ln(v)w\pi}$	CD	E	CDIF	CD
1954	1091	2	$\frac{u}{\ln(v)w\pi}$	CDF	E	CDI	CD
1955	1091	3	$\frac{u}{\ln(v)w\pi}$	CDF	E	CDIF	CDF
1956	1092	1	$\frac{\ln(v)w\pi}{u}$	CD	E	CDIF	CDI
1957	1092	2	$\frac{\ln(v)w\pi}{u}$	CDF	E	CDI	CDI
1958	1092	3	$\frac{\ln(v)w\pi}{u}$	CDF	E	CDIF	CDIF
1959	1093	1	$\frac{u^2}{(\ln(v))^2w^2\pi^2}$	CD	E	CDIF	AB
1960	1093	2	$\frac{u^2}{(\ln(v))^2w^2\pi^2}$	CDF	E	CDI	AB
1961	1094	1	$\sqrt{\frac{u}{\ln(v)w\pi}}$	CD	E	CDIF	R
1962	1094	2	$\sqrt{\frac{u}{\ln(v)w\pi}}$	CDF	E	CDI	R

1963	1095	1	$\frac{u^3}{(\ln(v))^3 w^3 \pi^3}$	CD	E	CDIF	K
1964	1095	2	$\frac{u^3}{(\ln(v))^3 w^3 \pi^3}$	CDF	E	CDI	K
1965	1096	1	$e^{\frac{u}{\ln(v) w \pi}}$	CD	E	CDIF	E
1966	1096	2	$e^{\frac{u}{\ln(v) w \pi}}$	CDF	E	CDI	E
1967	1097	1	$\log\left(\frac{u}{\ln(v) w \pi}\right)$	CD	E	CDIF	L
1968	1097	2	$\log\left(\frac{u}{\ln(v) w \pi}\right)$	CDF	E	CDI	L
1969	1098	1	$\arcsin\left(\frac{u}{\ln(v) w \pi}\right)$	CD	E	CDIF	S
1970	1098	2	$\arcsin\left(\frac{u}{\ln(v) w \pi}\right)$	CDF	E	CDI	S
1971	1099	1	$\arctan\left(\frac{u}{\ln(v) w \pi}\right)$	CD	E	CDIF	T
1972	1099	2	$\arctan\left(\frac{u}{\ln(v) w \pi}\right)$	CDF	E	CDI	T
1973	1100	1	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	CD	E	CDIF	P
1974	1100	2	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	CDF	E	CDI	P
1975	1101	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	CD	E	CDIF	H
1976	1101	2	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	CDF	E	CDI	H
1977	1102	1	$\frac{u\sqrt{w}}{\ln(v)}$	CD	E	AB	CD
1978	1102	2	$\frac{u\sqrt{w}}{\ln(v)}$	CDF	E	AB	CDF

1979	1103	1	$\frac{\ln(v)}{u\sqrt{w}}$	CD	E	AB	CDI
1980	1103	2	$\frac{\ln(v)}{u\sqrt{w}}$	CDF	E	AB	CDIF
1981	1104	1	$\frac{u\sqrt{w}\pi}{\ln(v)}$	CD	E	AB	CDF
1982	1105	1	$\frac{\ln(v)}{u\sqrt{w}\pi}$	CD	E	AB	CDIF
1983	1106	1	$\frac{u^2w}{(\ln(v))^2}$	CD	E	AB	AB
1984	1107	1	$\sqrt{\frac{u\sqrt{w}}{\ln(v)}}$	CD	E	AB	R
1985	1108	1	$\frac{u^3w^{3/2}}{(\ln(v))^3}$	CD	E	AB	K
1986	1109	1	$e^{\frac{u\sqrt{w}}{\ln(v)}}$	CD	E	AB	E
1987	1110	1	$\log\left(\frac{u\sqrt{w}}{\ln(v)}\right)$	CD	E	AB	L
1988	1111	1	$\arcsin\left(\frac{u\sqrt{w}}{\ln(v)}\right)$	CD	E	AB	S
1989	1112	1	$\arctan\left(\frac{u\sqrt{w}}{\ln(v)}\right)$	CD	E	AB	T
1990	1113	1	$\sqrt{-\frac{(\ln(v))^2 + u^2w}{(\ln(v))^2}}$	CD	E	AB	P
1991	1114	1	$\sqrt{\frac{(\ln(v))^2 + u^2w}{(\ln(v))^2}}$	CD	E	AB	H
1992	1115	1	$\frac{uw^2}{\ln(v)}$	CD	E	R	CD
1993	1115	2	$\frac{uw^2}{\ln(v)}$	CDF	E	R	CDF

1994	1116	1	$\frac{\ln(v)}{uw^2}$	CD	E	R	CDI
1995	1116	2	$\frac{\ln(v)}{uw^2}$	CDF	E	R	CDIF
1996	1117	1	$\frac{uw^2\pi}{\ln(v)}$	CD	E	R	CDF
1997	1118	1	$\frac{\ln(v)}{uw^2\pi}$	CD	E	R	CDIF
1998	1119	1	$\frac{u^2w^4}{(\ln(v))^2}$	CD	E	R	AB
1999	1120	1	$\sqrt{\frac{uw^2}{\ln(v)}}$	CD	E	R	R
2000	1121	1	$\frac{u^3w^6}{(\ln(v))^3}$	CD	E	R	K
2001	1122	1	$e^{\frac{uw^2}{\ln(v)}}$	CD	E	R	E
2002	1123	1	$\log\left(\frac{uw^2}{\ln(v)}\right)$	CD	E	R	L
2003	1124	1	$\arcsin\left(\frac{uw^2}{\ln(v)}\right)$	CD	E	R	S
2004	1125	1	$\arctan\left(\frac{uw^2}{\ln(v)}\right)$	CD	E	R	T
2005	1126	1	$\sqrt{-\frac{(\ln(v))^2 + u^2w^4}{(\ln(v))^2}}$	CD	E	R	P
2006	1127	1	$\sqrt{\frac{(\ln(v))^2 + u^2w^4}{(\ln(v))^2}}$	CD	E	R	H
2007	1128	1	$\frac{u\sqrt[3]{w}}{\ln(v)}$	CD	E	K	CD
2008	1128	2	$\frac{u\sqrt[3]{w}}{\ln(v)}$	CDF	E	K	CDF

2009	1129	1	$\frac{\ln(v)}{u\sqrt[3]{w}}$	CD	E	K	CDI
2010	1129	2	$\frac{\ln(v)}{u\sqrt[3]{w}}$	CDF	E	K	CDIF
2011	1130	1	$\frac{u\sqrt[3]{w}\pi}{\ln(v)}$	CD	E	K	CDF
2012	1131	1	$\frac{\ln(v)}{u\sqrt[3]{w}\pi}$	CD	E	K	CDIF
2013	1132	1	$\frac{u^2w^{2/3}}{(\ln(v))^2}$	CD	E	K	AB
2014	1133	1	$\sqrt{\frac{u\sqrt[3]{w}}{\ln(v)}}$	CD	E	K	R
2015	1134	1	$\frac{u^3w}{(\ln(v))^3}$	CD	E	K	K
2016	1135	1	$e^{\frac{u\sqrt[3]{w}}{\ln(v)}}$	CD	E	K	E
2017	1136	1	$\log\left(\frac{u\sqrt[3]{w}}{\ln(v)}\right)$	CD	E	K	L
2018	1137	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\ln(v)}\right)$	CD	E	K	S
2019	1138	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\ln(v)}\right)$	CD	E	K	T
2020	1139	1	$\sqrt{-\frac{(\ln(v))^2 + u^2w^{2/3}}{(\ln(v))^2}}$	CD	E	K	P
2021	1140	1	$\sqrt{\frac{(\ln(v))^2 + u^2w^{2/3}}{(\ln(v))^2}}$	CD	E	K	H
2022	1141	1	$\frac{u\ln(w)}{\ln(v)}$	CD	E	E	CD
2023	1141	2	$\frac{u\ln(w)}{\ln(v)}$	CDF	E	E	CDF

2024	1142	1	$\frac{\ln(v)}{u \ln(w)}$	CD	E	E	CDI
2025	1142	2	$\frac{\ln(v)}{u \ln(w)}$	CDF	E	E	CDIF
2026	1143	1	$\frac{u \ln(w) \pi}{\ln(v)}$	CD	E	E	CDF
2027	1144	1	$\frac{\ln(v)}{u \ln(w) \pi}$	CD	E	E	CDIF
2028	1145	1	$\frac{u^2 (\ln(w))^2}{(\ln(v))^2}$	CD	E	E	AB
2029	1146	1	$\sqrt{\frac{u \ln(w)}{\ln(v)}}$	CD	E	E	R
2030	1147	1	$\frac{u^3 (\ln(w))^3}{(\ln(v))^3}$	CD	E	E	K
2031	1148	1	$w^{\frac{u}{\ln(v)}}$	CD	E	E	E
2032	1149	1	$\log\left(\frac{u \ln(w)}{\ln(v)}\right)$	CD	E	E	L
2033	1150	1	$\arcsin\left(\frac{u \ln(w)}{\ln(v)}\right)$	CD	E	E	S
2034	1151	1	$\arctan\left(\frac{u \ln(w)}{\ln(v)}\right)$	CD	E	E	T
2035	1152	1	$\sqrt{-\frac{(\ln(v))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	CD	E	E	P
2036	1153	1	$\sqrt{\frac{(\ln(v))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	CD	E	E	H
2037	1154	1	$\frac{u \text{Exp}(w)}{\ln(v)}$	CD	E	L	CD
2038	1154	2	$\frac{u \text{Exp}(w)}{\ln(v)}$	CDF	E	L	CDF

2039	1155	1	$\frac{\ln(v)}{uExp(w)}$	CD	E	L	CDI
2040	1155	2	$\frac{\ln(v)}{uExp(w)}$	CDF	E	L	CDIF
2041	1156	1	$\frac{uExp(w)\pi}{\ln(v)}$	CD	E	L	CDF
2042	1157	1	$\frac{\ln(v)}{uExp(w)\pi}$	CD	E	L	CDIF
2043	1158	1	$\frac{u^2(Exp(w))^2}{(\ln(v))^2}$	CD	E	L	AB
2044	1159	1	$\sqrt{\frac{uExp(w)}{\ln(v)}}$	CD	E	L	R
2045	1160	1	$\frac{u^3(Exp(w))^3}{(\ln(v))^3}$	CD	E	L	K
2046	1161	1	$e^{\frac{uExp(w)}{\ln(v)}}$	CD	E	L	E
2047	1162	1	$\log\left(\frac{uExp(w)}{\ln(v)}\right)$	CD	E	L	L
2048	1163	1	$\arcsin\left(\frac{uExp(w)}{\ln(v)}\right)$	CD	E	L	S
2049	1164	1	$\arctan\left(\frac{uExp(w)}{\ln(v)}\right)$	CD	E	L	T
2050	1165	1	$\sqrt{-\frac{(\ln(v))^2 + u^2(Exp(w))^2}{(\ln(v))^2}}$	CD	E	L	P
2051	1166	1	$\sqrt{\frac{(\ln(v))^2 + u^2(Exp(w))^2}{(\ln(v))^2}}$	CD	E	L	H
2052	1167	1	$\frac{u\sin(w)}{\ln(v)}$	CD	E	S	CD
2053	1167	2	$\frac{u\sin(w)}{\ln(v)}$	CDF	E	S	CDF

2054	1168	1	$\frac{\ln(v)}{u \sin(w)}$	CD	E	S	CDI
2055	1168	2	$\frac{\ln(v)}{u \sin(w)}$	CDF	E	S	CDIF
2056	1169	1	$\frac{u \sin(w) \pi}{\ln(v)}$	CD	E	S	CDF
2057	1170	1	$\frac{\ln(v)}{u \sin(w) \pi}$	CD	E	S	CDIF
2058	1171	1	$\frac{u^2 (\sin(w))^2}{(\ln(v))^2}$	CD	E	S	AB
2059	1172	1	$\sqrt{\frac{u \sin(w)}{\ln(v)}}$	CD	E	S	R
2060	1173	1	$\frac{u^3 (\sin(w))^3}{(\ln(v))^3}$	CD	E	S	K
2061	1174	1	$e^{\frac{u \sin(w)}{\ln(v)}}$	CD	E	S	E
2062	1175	1	$\log\left(\frac{u \sin(w)}{\ln(v)}\right)$	CD	E	S	L
2063	1176	1	$\arcsin\left(\frac{u \sin(w)}{\ln(v)}\right)$	CD	E	S	S
2064	1177	1	$\arctan\left(\frac{u \sin(w)}{\ln(v)}\right)$	CD	E	S	T
2065	1178	1	$\sqrt{\frac{(\ln(v))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	CD	E	S	P
2066	1179	1	$\sqrt{-\frac{(\ln(v))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	CD	E	S	H
2067	1180	1	$\frac{u \tan(w)}{\ln(v)}$	CD	E	T	CD
2068	1180	2	$\frac{u \tan(w)}{\ln(v)}$	CDF	E	T	CDF

2069	1181	1	$\frac{\ln(v)}{u \tan(w)}$	CD	E	T	CDI
2070	1181	2	$\frac{\ln(v)}{u \tan(w)}$	CDF	E	T	CDIF
2071	1182	1	$\frac{u \tan(w) \pi}{\ln(v)}$	CD	E	T	CDF
2072	1183	1	$\frac{\ln(v)}{u \tan(w) \pi}$	CD	E	T	CDIF
2073	1184	1	$\frac{u^2 (\tan(w))^2}{(\ln(v))^2}$	CD	E	T	AB
2074	1185	1	$\sqrt{\frac{u \tan(w)}{\ln(v)}}$	CD	E	T	R
2075	1186	1	$\frac{u^3 (\tan(w))^3}{(\ln(v))^3}$	CD	E	T	K
2076	1187	1	$e^{\frac{u \tan(w)}{\ln(v)}}$	CD	E	T	E
2077	1188	1	$\log\left(\frac{u \tan(w)}{\ln(v)}\right)$	CD	E	T	L
2078	1189	1	$\arcsin\left(\frac{u \tan(w)}{\ln(v)}\right)$	CD	E	T	S
2079	1190	1	$\arctan\left(\frac{u \tan(w)}{\ln(v)}\right)$	CD	E	T	T
2080	1191	1	$\sqrt{-\frac{(\ln(v))^2 + u^2 (\tan(w))^2}{(\ln(v))^2}}$	CD	E	T	P
2081	1192	1	$\sqrt{\frac{(\ln(v))^2 + u^2 (\tan(w))^2}{(\ln(v))^2}}$	CD	E	T	H
2082	1193	1	$\frac{u \sqrt{1-w^2}}{\ln(v)}$	CD	E	P	CD
2083	1193	2	$\frac{u \sqrt{1-w^2}}{\ln(v)}$	CDF	E	P	CDF

2084	1194	1	$\frac{\ln(v)}{u\sqrt{1-w^2}}$	CD	E	P	CDI
2085	1194	2	$\frac{\ln(v)}{u\sqrt{1-w^2}}$	CDF	E	P	CDIF
2086	1195	1	$\frac{u\sqrt{1-w^2}\pi}{\ln(v)}$	CD	E	P	CDF
2087	1196	1	$\frac{\ln(v)}{u\sqrt{1-w^2}\pi}$	CD	E	P	CDIF
2088	1197	1	$-\frac{u^2(-1+w^2)}{(\ln(v))^2}$	CD	E	P	AB
2089	1198	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\ln(v)}}$	CD	E	P	R
2090	1199	1	$\frac{u^3(1-w^2)^{3/2}}{(\ln(v))^3}$	CD	E	P	K
2091	1200	1	$e^{\frac{u\sqrt{1-w^2}}{\ln(v)}}$	CD	E	P	E
2092	1201	1	$\log\left(\frac{u\sqrt{1-w^2}}{\ln(v)}\right)$	CD	E	P	L
2093	1202	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\ln(v)}\right)$	CD	E	P	S
2094	1203	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\ln(v)}\right)$	CD	E	P	T
2095	1204	1	$\sqrt{\frac{(\ln(v))^2 - u^2 + u^2w^2}{(\ln(v))^2}}$	CD	E	P	P
2096	1204	2	$\sqrt{\frac{(\ln(v))^2 - u^2 + u^2w^2}{(\ln(v))^2}}$	CD	E	H	H
2097	1205	1	$\sqrt{-\frac{(\ln(v))^2 - u^2 + u^2w^2}{(\ln(v))^2}}$	CD	E	P	H

2098	1205	2	$\sqrt{-\frac{(\ln(v))^2 - u^2 + u^2 w^2}{(\ln(v))^2}}$	CD	E	H	P
2099	1206	1	$\frac{u\sqrt{-1+w^2}}{\ln(v)}$	CD	E	H	CD
2100	1206	2	$\frac{u\sqrt{-1+w^2}}{\ln(v)}$	CDF	E	H	CDF
2101	1207	1	$\frac{\ln(v)}{u\sqrt{-1+w^2}}$	CD	E	H	CDI
2102	1207	2	$\frac{\ln(v)}{u\sqrt{-1+w^2}}$	CDF	E	H	CDIF
2103	1208	1	$\frac{u\sqrt{-1+w^2}\pi}{\ln(v)}$	CD	E	H	CDF
2104	1209	1	$\frac{\ln(v)}{u\sqrt{-1+w^2}\pi}$	CD	E	H	CDIF
2105	1210	1	$\frac{u^2(-1+w^2)}{(\ln(v))^2}$	CD	E	H	AB
2106	1211	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\ln(v)}}$	CD	E	H	R
2107	1212	1	$\frac{u^3(-1+w^2)^{3/2}}{(\ln(v))^3}$	CD	E	H	K
2108	1213	1	$e^{\frac{u\sqrt{-1+w^2}}{\ln(v)}}$	CD	E	H	E
2109	1214	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\ln(v)}\right)$	CD	E	H	L
2110	1215	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\ln(v)}\right)$	CD	E	H	S
2111	1216	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\ln(v)}\right)$	CD	E	H	T
2112	1217	1	$\frac{uw}{Exp(v)}$	CD	L	CD	CD

2113	1217	2	$\frac{uw}{Exp(v)}$	CD	L	CDF	CDF
2114	1217	3	$\frac{uw}{Exp(v)}$	CDF	L	CD	CDF
2115	1218	1	$\frac{Exp(v)}{uw}$	CD	L	CD	CDI
2116	1218	2	$\frac{Exp(v)}{uw}$	CD	L	CDF	CDIF
2117	1218	3	$\frac{Exp(v)}{uw}$	CDF	L	CD	CDIF
2118	1219	1	$\frac{uw\pi}{Exp(v)}$	CD	L	CD	CDF
2119	1220	1	$\frac{Exp(v)}{uw\pi}$	CD	L	CD	CDIF
2120	1221	1	$\frac{u^2w^2}{(Exp(v))^2}$	CD	L	CD	AB
2121	1222	1	$\sqrt{\frac{uw}{Exp(v)}}$	CD	L	CD	R
2122	1223	1	$\frac{u^3w^3}{(Exp(v))^3}$	CD	L	CD	K
2123	1224	1	$e^{\frac{uw}{Exp(v)}}$	CD	L	CD	E
2124	1225	1	$\log\left(\frac{uw}{Exp(v)}\right)$	CD	L	CD	L
2125	1226	1	$\arcsin\left(\frac{uw}{Exp(v)}\right)$	CD	L	CD	S
2126	1227	1	$\arctan\left(\frac{uw}{Exp(v)}\right)$	CD	L	CD	T
2127	1228	1	$\sqrt{-\frac{(Exp(v))^2 + u^2w^2}{(Exp(v))^2}}$	CD	L	CD	P
2128	1229	1	$\sqrt{\frac{(Exp(v))^2 + u^2w^2}{(Exp(v))^2}}$	CD	L	CD	H

2129	1230	1	$\frac{u}{Exp(v) w}$	CD	L	CDI	CD
2130	1230	2	$\frac{u}{Exp(v) w}$	CD	L	CDIF	CDF
2131	1230	3	$\frac{u}{Exp(v) w}$	CDF	L	CDI	CDF
2132	1231	1	$\frac{Exp(v) w}{u}$	CD	L	CDI	CDI
2133	1231	2	$\frac{Exp(v) w}{u}$	CD	L	CDIF	CDIF
2134	1231	3	$\frac{Exp(v) w}{u}$	CDF	L	CDI	CDIF
2135	1232	1	$\frac{u\pi}{Exp(v) w}$	CD	L	CDI	CDF
2136	1233	1	$\frac{Exp(v) w}{u\pi}$	CD	L	CDI	CDIF
2137	1234	1	$\frac{u^2}{(Exp(v))^2 w^2}$	CD	L	CDI	AB
2138	1235	1	$\sqrt{\frac{u}{Exp(v) w}}$	CD	L	CDI	R
2139	1236	1	$\frac{u^3}{(Exp(v))^3 w^3}$	CD	L	CDI	K
2140	1237	1	$e^{\frac{u}{Exp(v) w}}$	CD	L	CDI	E
2141	1238	1	$\log\left(\frac{u}{Exp(v) w}\right)$	CD	L	CDI	L
2142	1239	1	$\arcsin\left(\frac{u}{Exp(v) w}\right)$	CD	L	CDI	S
2143	1240	1	$\arctan\left(\frac{u}{Exp(v) w}\right)$	CD	L	CDI	T
2144	1241	1	$\sqrt{-\frac{(Exp(v))^2 w^2 + u^2}{(Exp(v))^2 w^2}}$	CD	L	CDI	P

2145	1242	1	$\sqrt{\frac{(Exp(v))^2 w^2 + u^2}{(Exp(v))^2 w^2}}$	CD	L	CDI	H
2146	1243	1	$\frac{uw}{Exp(v) \pi}$	CD	L	CDF	CD
2147	1243	2	$\frac{uw}{Exp(v) \pi}$	CDF	L	CD	CD
2148	1243	3	$\frac{uw}{Exp(v) \pi}$	CDF	L	CDF	CDF
2149	1244	1	$\frac{Exp(v) \pi}{uw}$	CD	L	CDF	CDI
2150	1244	2	$\frac{Exp(v) \pi}{uw}$	CDF	L	CD	CDI
2151	1244	3	$\frac{Exp(v) \pi}{uw}$	CDF	L	CDF	CDIF
2152	1245	1	$\frac{u^2 w^2}{(Exp(v))^2 \pi^2}$	CD	L	CDF	AB
2153	1245	2	$\frac{u^2 w^2}{(Exp(v))^2 \pi^2}$	CDF	L	CD	AB
2154	1246	1	$\sqrt{\frac{uw}{Exp(v) \pi}}$	CD	L	CDF	R
2155	1246	2	$\sqrt{\frac{uw}{Exp(v) \pi}}$	CDF	L	CD	R
2156	1247	1	$\frac{u^3 w^3}{(Exp(v))^3 \pi^3}$	CD	L	CDF	K
2157	1247	2	$\frac{u^3 w^3}{(Exp(v))^3 \pi^3}$	CDF	L	CD	K
2158	1248	1	$e^{\frac{uw}{Exp(v) \pi}}$	CD	L	CDF	E
2159	1248	2	$e^{\frac{uw}{Exp(v) \pi}}$	CDF	L	CD	E
2160	1249	1	$\log\left(\frac{uw}{Exp(v) \pi}\right)$	CD	L	CDF	L
2161	1249	2	$\log\left(\frac{uw}{Exp(v) \pi}\right)$	CDF	L	CD	L
2162	1250	1	$\arcsin\left(\frac{uw}{Exp(v) \pi}\right)$	CD	L	CDF	S

2163	1250	2	$\arcsin\left(\frac{uw}{Exp(v)\pi}\right)$	CDF	L	CD	S
2164	1251	1	$\arctan\left(\frac{uw}{Exp(v)\pi}\right)$	CD	L	CDF	T
2165	1251	2	$\arctan\left(\frac{uw}{Exp(v)\pi}\right)$	CDF	L	CD	T
2166	1252	1	$\sqrt{-\frac{(Exp(v))^2\pi^2 + u^2w^2}{(Exp(v))^2\pi^2}}$	CD	L	CDF	P
2167	1252	2	$\sqrt{-\frac{(Exp(v))^2\pi^2 + u^2w^2}{(Exp(v))^2\pi^2}}$	CDF	L	CD	P
2168	1253	1	$\sqrt{\frac{(Exp(v))^2\pi^2 + u^2w^2}{(Exp(v))^2\pi^2}}$	CD	L	CDF	H
2169	1253	2	$\sqrt{\frac{(Exp(v))^2\pi^2 + u^2w^2}{(Exp(v))^2\pi^2}}$	CDF	L	CD	H
2170	1254	1	$\frac{u}{Exp(v)w\pi}$	CD	L	CDIF	CD
2171	1254	2	$\frac{u}{Exp(v)w\pi}$	CDF	L	CDI	CD
2172	1254	3	$\frac{u}{Exp(v)w\pi}$	CDF	L	CDIF	CDF
2173	1255	1	$\frac{Exp(v)w\pi}{u}$	CD	L	CDIF	CDI
2174	1255	2	$\frac{Exp(v)w\pi}{u}$	CDF	L	CDI	CDI
2175	1255	3	$\frac{Exp(v)w\pi}{u}$	CDF	L	CDIF	CDIF
2176	1256	1	$\frac{u^2}{(Exp(v))^2w^2\pi^2}$	CD	L	CDIF	AB
2177	1256	2	$\frac{u^2}{(Exp(v))^2w^2\pi^2}$	CDF	L	CDI	AB
2178	1257	1	$\sqrt{\frac{u}{Exp(v)w\pi}}$	CD	L	CDIF	R
2179	1257	2	$\sqrt{\frac{u}{Exp(v)w\pi}}$	CDF	L	CDI	R

2180	1258	1	$\frac{u^3}{(Exp(v))^3 w^3 \pi^3}$	CD	L	CDIF	K
2181	1258	2	$\frac{u^3}{(Exp(v))^3 w^3 \pi^3}$	CDF	L	CDI	K
2182	1259	1	$e^{\frac{u}{Exp(v)w\pi}}$	CD	L	CDIF	E
2183	1259	2	$e^{\frac{u}{Exp(v)w\pi}}$	CDF	L	CDI	E
2184	1260	1	$\log\left(\frac{u}{Exp(v)w\pi}\right)$	CD	L	CDIF	L
2185	1260	2	$\log\left(\frac{u}{Exp(v)w\pi}\right)$	CDF	L	CDI	L
2186	1261	1	$\arcsin\left(\frac{u}{Exp(v)w\pi}\right)$	CD	L	CDIF	S
2187	1261	2	$\arcsin\left(\frac{u}{Exp(v)w\pi}\right)$	CDF	L	CDI	S
2188	1262	1	$\arctan\left(\frac{u}{Exp(v)w\pi}\right)$	CD	L	CDIF	T
2189	1262	2	$\arctan\left(\frac{u}{Exp(v)w\pi}\right)$	CDF	L	CDI	T
2190	1263	1	$\sqrt{-\frac{(Exp(v))^2 w^2 \pi^2 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	CD	L	CDIF	P
2191	1263	2	$\sqrt{-\frac{(Exp(v))^2 w^2 \pi^2 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	CDF	L	CDI	P
2192	1264	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	CD	L	CDIF	H
2193	1264	2	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	CDF	L	CDI	H
2194	1265	1	$\frac{u\sqrt{w}}{Exp(v)}$	CD	L	AB	CD
2195	1265	2	$\frac{u\sqrt{w}}{Exp(v)}$	CDF	L	AB	CDF

2196	1266	1	$\frac{Exp(v)}{u\sqrt{w}}$	CD	L	AB	CDI
2197	1266	2	$\frac{Exp(v)}{u\sqrt{w}}$	CDF	L	AB	CDIF
2198	1267	1	$\frac{u\sqrt{w}\pi}{Exp(v)}$	CD	L	AB	CDF
2199	1268	1	$\frac{Exp(v)}{u\sqrt{w}\pi}$	CD	L	AB	CDIF
2200	1269	1	$\frac{u^2w}{(Exp(v))^2}$	CD	L	AB	AB
2201	1270	1	$\sqrt{\frac{u\sqrt{w}}{Exp(v)}}$	CD	L	AB	R
2202	1271	1	$\frac{u^3w^{3/2}}{(Exp(v))^3}$	CD	L	AB	K
2203	1272	1	$e^{\frac{u\sqrt{w}}{Exp(v)}}$	CD	L	AB	E
2204	1273	1	$\log\left(\frac{u\sqrt{w}}{Exp(v)}\right)$	CD	L	AB	L
2205	1274	1	$\arcsin\left(\frac{u\sqrt{w}}{Exp(v)}\right)$	CD	L	AB	S
2206	1275	1	$\arctan\left(\frac{u\sqrt{w}}{Exp(v)}\right)$	CD	L	AB	T
2207	1276	1	$\sqrt{-\frac{(Exp(v))^2 + u^2w}{(Exp(v))^2}}$	CD	L	AB	P
2208	1277	1	$\sqrt{\frac{(Exp(v))^2 + u^2w}{(Exp(v))^2}}$	CD	L	AB	H
2209	1278	1	$\frac{uw^2}{Exp(v)}$	CD	L	R	CD
2210	1278	2	$\frac{uw^2}{Exp(v)}$	CDF	L	R	CDF

2211	1279	1	$\frac{Exp(v)}{uw^2}$	CD	L	R	CDI
2212	1279	2	$\frac{Exp(v)}{uw^2}$	CDF	L	R	CDIF
2213	1280	1	$\frac{uw^2\pi}{Exp(v)}$	CD	L	R	CDF
2214	1281	1	$\frac{Exp(v)}{uw^2\pi}$	CD	L	R	CDIF
2215	1282	1	$\frac{u^2w^4}{(Exp(v))^2}$	CD	L	R	AB
2216	1283	1	$\sqrt{\frac{uw^2}{Exp(v)}}$	CD	L	R	R
2217	1284	1	$\frac{u^3w^6}{(Exp(v))^3}$	CD	L	R	K
2218	1285	1	$e^{\frac{uw^2}{Exp(v)}}$	CD	L	R	E
2219	1286	1	$\log\left(\frac{uw^2}{Exp(v)}\right)$	CD	L	R	L
2220	1287	1	$\arcsin\left(\frac{uw^2}{Exp(v)}\right)$	CD	L	R	S
2221	1288	1	$\arctan\left(\frac{uw^2}{Exp(v)}\right)$	CD	L	R	T
2222	1289	1	$\sqrt{-\frac{(Exp(v))^2 + u^2w^4}{(Exp(v))^2}}$	CD	L	R	P
2223	1290	1	$\sqrt{\frac{(Exp(v))^2 + u^2w^4}{(Exp(v))^2}}$	CD	L	R	H
2224	1291	1	$\frac{u\sqrt[3]{w}}{Exp(v)}$	CD	L	K	CD
2225	1291	2	$\frac{u\sqrt[3]{w}}{Exp(v)}$	CDF	L	K	CDF

2226	1292	1	$\frac{Exp(v)}{u\sqrt[3]{w}}$	CD	L	K	CDI
2227	1292	2	$\frac{Exp(v)}{u\sqrt[3]{w}}$	CDF	L	K	CDIF
2228	1293	1	$\frac{u\sqrt[3]{w}\pi}{Exp(v)}$	CD	L	K	CDF
2229	1294	1	$\frac{Exp(v)}{u\sqrt[3]{w}\pi}$	CD	L	K	CDIF
2230	1295	1	$\frac{u^2w^{2/3}}{(Exp(v))^2}$	CD	L	K	AB
2231	1296	1	$\sqrt{\frac{u\sqrt[3]{w}}{Exp(v)}}$	CD	L	K	R
2232	1297	1	$\frac{u^3w}{(Exp(v))^3}$	CD	L	K	K
2233	1298	1	$e^{\frac{u\sqrt[3]{w}}{Exp(v)}}$	CD	L	K	E
2234	1299	1	$\log\left(\frac{u\sqrt[3]{w}}{Exp(v)}\right)$	CD	L	K	L
2235	1300	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{Exp(v)}\right)$	CD	L	K	S
2236	1301	1	$\arctan\left(\frac{u\sqrt[3]{w}}{Exp(v)}\right)$	CD	L	K	T
2237	1302	1	$\sqrt{-\frac{(Exp(v))^2 + u^2w^{2/3}}{(Exp(v))^2}}$	CD	L	K	P
2238	1303	1	$\sqrt{\frac{(Exp(v))^2 + u^2w^{2/3}}{(Exp(v))^2}}$	CD	L	K	H
2239	1304	1	$\frac{u \ln(w)}{Exp(v)}$	CD	L	E	CD
2240	1304	2	$\frac{u \ln(w)}{Exp(v)}$	CDF	L	E	CDF

2241	1305	1	$\frac{Exp(v)}{u \ln(w)}$	CD	L	E	CDI
2242	1305	2	$\frac{Exp(v)}{u \ln(w)}$	CDF	L	E	CDIF
2243	1306	1	$\frac{u \ln(w) \pi}{Exp(v)}$	CD	L	E	CDF
2244	1307	1	$\frac{Exp(v)}{u \ln(w) \pi}$	CD	L	E	CDIF
2245	1308	1	$\frac{u^2 (\ln(w))^2}{(Exp(v))^2}$	CD	L	E	AB
2246	1309	1	$\sqrt{\frac{u \ln(w)}{Exp(v)}}$	CD	L	E	R
2247	1310	1	$\frac{u^3 (\ln(w))^3}{(Exp(v))^3}$	CD	L	E	K
2248	1311	1	$w^{\frac{u}{Exp(v)}}$	CD	L	E	E
2249	1312	1	$\log\left(\frac{u \ln(w)}{Exp(v)}\right)$	CD	L	E	L
2250	1313	1	$\arcsin\left(\frac{u \ln(w)}{Exp(v)}\right)$	CD	L	E	S
2251	1314	1	$\arctan\left(\frac{u \ln(w)}{Exp(v)}\right)$	CD	L	E	T
2252	1315	1	$\sqrt{-\frac{(Exp(v))^2 + u^2 (\ln(w))^2}{(Exp(v))^2}}$	CD	L	E	P
2253	1316	1	$\sqrt{\frac{(Exp(v))^2 + u^2 (\ln(w))^2}{(Exp(v))^2}}$	CD	L	E	H
2254	1317	1	$\frac{u Exp(w)}{Exp(v)}$	CD	L	L	CD
2255	1317	2	$\frac{u Exp(w)}{Exp(v)}$	CDF	L	L	CDF

2256	1318	1	$\frac{Exp(v)}{uExp(w)}$	CD	L	L	CDI
2257	1318	2	$\frac{Exp(v)}{uExp(w)}$	CDF	L	L	CDIF
2258	1319	1	$\frac{uExp(w) \pi}{Exp(v)}$	CD	L	L	CDF
2259	1320	1	$\frac{Exp(v)}{uExp(w) \pi}$	CD	L	L	CDIF
2260	1321	1	$\frac{u^2 (Exp(w))^2}{(Exp(v))^2}$	CD	L	L	AB
2261	1322	1	$\sqrt{\frac{uExp(w)}{Exp(v)}}$	CD	L	L	R
2262	1323	1	$\frac{u^3 (Exp(w))^3}{(Exp(v))^3}$	CD	L	L	K
2263	1324	1	$e^{\frac{uExp(w)}{Exp(v)}}$	CD	L	L	E
2264	1325	1	$\log\left(\frac{uExp(w)}{Exp(v)}\right)$	CD	L	L	L
2265	1326	1	$\arcsin\left(\frac{uExp(w)}{Exp(v)}\right)$	CD	L	L	S
2266	1327	1	$\arctan\left(\frac{uExp(w)}{Exp(v)}\right)$	CD	L	L	T
2267	1328	1	$\sqrt{-\frac{(Exp(v))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	CD	L	L	P
2268	1329	1	$\sqrt{\frac{(Exp(v))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	CD	L	L	H
2269	1330	1	$\frac{u \sin(w)}{Exp(v)}$	CD	L	S	CD
2270	1330	2	$\frac{u \sin(w)}{Exp(v)}$	CDF	L	S	CDF

2271	1331	1	$\frac{Exp(v)}{u \sin(w)}$	CD	L	S	CDI
2272	1331	2	$\frac{Exp(v)}{u \sin(w)}$	CDF	L	S	CDIF
2273	1332	1	$\frac{u \sin(w) \pi}{Exp(v)}$	CD	L	S	CDF
2274	1333	1	$\frac{Exp(v)}{u \sin(w) \pi}$	CD	L	S	CDIF
2275	1334	1	$\frac{u^2 (\sin(w))^2}{(Exp(v))^2}$	CD	L	S	AB
2276	1335	1	$\sqrt{\frac{u \sin(w)}{Exp(v)}}$	CD	L	S	R
2277	1336	1	$\frac{u^3 (\sin(w))^3}{(Exp(v))^3}$	CD	L	S	K
2278	1337	1	$e^{\frac{u \sin(w)}{Exp(v)}}$	CD	L	S	E
2279	1338	1	$\log\left(\frac{u \sin(w)}{Exp(v)}\right)$	CD	L	S	L
2280	1339	1	$\arcsin\left(\frac{u \sin(w)}{Exp(v)}\right)$	CD	L	S	S
2281	1340	1	$\arctan\left(\frac{u \sin(w)}{Exp(v)}\right)$	CD	L	S	T
2282	1341	1	$\sqrt{\frac{(Exp(v))^2 - u^2 + u^2 (\cos(w))^2}{(Exp(v))^2}}$	CD	L	S	P
2283	1342	1	$\sqrt{-\frac{(Exp(v))^2 - u^2 + u^2 (\cos(w))^2}{(Exp(v))^2}}$	~~CD~~	L	S	H
2284	1343	1	$\frac{u \tan(w)}{Exp(v)}$	CD	L	T	CD
2285	1343	2	$\frac{u \tan(w)}{Exp(v)}$	CDF	L	T	CDF

2286	1344	1	$\frac{Exp(v)}{u \tan(w)}$	CD	L	T	CDI
2287	1344	2	$\frac{Exp(v)}{u \tan(w)}$	CDF	L	T	CDIF
2288	1345	1	$\frac{u \tan(w) \pi}{Exp(v)}$	CD	L	T	CDF
2289	1346	1	$\frac{Exp(v)}{u \tan(w) \pi}$	CD	L	T	CDIF
2290	1347	1	$\frac{u^2 (\tan(w))^2}{(Exp(v))^2}$	CD	L	T	AB
2291	1348	1	$\sqrt{\frac{u \tan(w)}{Exp(v)}}$	CD	L	T	R
2292	1349	1	$\frac{u^3 (\tan(w))^3}{(Exp(v))^3}$	CD	L	T	K
2293	1350	1	$e^{\frac{u \tan(w)}{Exp(v)}}$	CD	L	T	E
2294	1351	1	$\log\left(\frac{u \tan(w)}{Exp(v)}\right)$	CD	L	T	L
2295	1352	1	$\arcsin\left(\frac{u \tan(w)}{Exp(v)}\right)$	CD	L	T	S
2296	1353	1	$\arctan\left(\frac{u \tan(w)}{Exp(v)}\right)$	CD	L	T	T
2297	1354	1	$\sqrt{-\frac{(Exp(v))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	CD	L	T	P
2298	1355	1	$\sqrt{\frac{(Exp(v))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	CD	L	T	H
2299	1356	1	$\frac{u\sqrt{1-w^2}}{Exp(v)}$	CD	L	P	CD
2300	1356	2	$\frac{u\sqrt{1-w^2}}{Exp(v)}$	CDF	L	P	CDF

2301	1357	1	$\frac{Exp(v)}{u\sqrt{1-w^2}}$	CD	L	P	CDI
2302	1357	2	$\frac{Exp(v)}{u\sqrt{1-w^2}}$	CDF	L	P	CDIF
2303	1358	1	$\frac{u\sqrt{1-w^2}\pi}{Exp(v)}$	CD	L	P	CDF
2304	1359	1	$\frac{Exp(v)}{u\sqrt{1-w^2}\pi}$	CD	L	P	CDIF
2305	1360	1	$-\frac{u^2(-1+w^2)}{(Exp(v))^2}$	CD	L	P	AB
2306	1361	1	$\sqrt{\frac{u\sqrt{1-w^2}}{Exp(v)}}$	CD	L	P	R
2307	1362	1	$\frac{u^3(1-w^2)^{3/2}}{(Exp(v))^3}$	CD	L	P	K
2308	1363	1	$e^{\frac{u\sqrt{1-w^2}}{Exp(v)}}$	CD	L	P	E
2309	1364	1	$\log\left(\frac{u\sqrt{1-w^2}}{Exp(v)}\right)$	CD	L	P	L
2310	1365	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{Exp(v)}\right)$	CD	L	P	S
2311	1366	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{Exp(v)}\right)$	CD	L	P	T
2312	1367	1	$\sqrt{\frac{(Exp(v))^2 - u^2 + u^2w^2}{(Exp(v))^2}}$	CD	L	P	P
2313	1367	2	$\sqrt{\frac{(Exp(v))^2 - u^2 + u^2w^2}{(Exp(v))^2}}$	CD	L	H	H
2314	1368	1	$\sqrt{-\frac{(Exp(v))^2 - u^2 + u^2w^2}{(Exp(v))^2}}$	CD	L	P	H

2315	1368	2	$\sqrt{-\frac{(Exp(v))^2 - u^2 + u^2 w^2}{(Exp(v))^2}}$	CD	L	H	P
2316	1369	1	$\frac{u\sqrt{-1+w^2}}{Exp(v)}$	CD	L	H	CD
2317	1369	2	$\frac{u\sqrt{-1+w^2}}{Exp(v)}$	CDF	L	H	CDF
2318	1370	1	$\frac{Exp(v)}{u\sqrt{-1+w^2}}$	CD	L	H	CDI
2319	1370	2	$\frac{Exp(v)}{u\sqrt{-1+w^2}}$	CDF	L	H	CDIF
2320	1371	1	$\frac{u\sqrt{-1+w^2}\pi}{Exp(v)}$	CD	L	H	CDF
2321	1372	1	$\frac{Exp(v)}{u\sqrt{-1+w^2}\pi}$	CD	L	H	CDIF
2322	1373	1	$\frac{u^2(-1+w^2)}{(Exp(v))^2}$	CD	L	H	AB
2323	1374	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{Exp(v)}}$	CD	L	H	R
2324	1375	1	$\frac{u^3(-1+w^2)^{3/2}}{(Exp(v))^3}$	CD	L	H	K
2325	1376	1	$e^{\frac{u\sqrt{-1+w^2}}{Exp(v)}}$	CD	L	H	E
2326	1377	1	$\log\left(\frac{u\sqrt{-1+w^2}}{Exp(v)}\right)$	CD	L	H	L
2327	1378	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{Exp(v)}\right)$	CD	L	H	S
2328	1379	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{Exp(v)}\right)$	CD	L	H	T
2329	1380	1	$\frac{uw}{\sin(v)}$	CD	S	CD	CD

2330	1380	2	$\frac{uw}{\sin(v)}$	CD	S	CDF	CDF
2331	1380	3	$\frac{uw}{\sin(v)}$	CDF	S	CD	CDF
2332	1381	1	$\frac{\sin(v)}{uw}$	CD	S	CD	CDI
2333	1381	2	$\frac{\sin(v)}{uw}$	CD	S	CDF	CDIF
2334	1381	3	$\frac{\sin(v)}{uw}$	CDF	S	CD	CDIF
2335	1382	1	$\frac{uw\pi}{\sin(v)}$	CD	S	CD	CDF
2336	1383	1	$\frac{\sin(v)}{uw\pi}$	CD	S	CD	CDIF
2337	1384	1	$\frac{u^2w^2}{(\sin(v))^2}$	CD	S	CD	AB
2338	1385	1	$\sqrt{\frac{uw}{\sin(v)}}$	CD	S	CD	R
2339	1386	1	$\frac{u^3w^3}{(\sin(v))^3}$	CD	S	CD	K
2340	1387	1	$e^{\frac{uw}{\sin(v)}}$	CD	S	CD	E
2341	1388	1	$\log\left(\frac{uw}{\sin(v)}\right)$	CD	S	CD	L
2342	1389	1	$\arcsin\left(\frac{uw}{\sin(v)}\right)$	CD	S	CD	S
2343	1390	1	$\arctan\left(\frac{uw}{\sin(v)}\right)$	CD	S	CD	T
2344	1391	1	$\sqrt{-\frac{u^2w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	CD	S	CD	P
2345	1392	1	$\sqrt{\frac{u^2w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	CD	S	CD	H

2346	1393	1	$\frac{u}{\sin(v) w}$	CD	S	CDI	CD
2347	1393	2	$\frac{u}{\sin(v) w}$	CD	S	CDIF	CDF
2348	1393	3	$\frac{u}{\sin(v) w}$	CDF	S	CDI	CDF
2349	1394	1	$\frac{\sin(v) w}{u}$	CD	S	CDI	CDI
2350	1394	2	$\frac{\sin(v) w}{u}$	CD	S	CDIF	CDIF
2351	1394	3	$\frac{\sin(v) w}{u}$	CDF	S	CDI	CDIF
2352	1395	1	$\frac{u\pi}{\sin(v) w}$	CD	S	CDI	CDF
2353	1396	1	$\frac{\sin(v) w}{u\pi}$	CD	S	CDI	CDIF
2354	1397	1	$\frac{u^2}{(\sin(v))^2 w^2}$	CD	S	CDI	AB
2355	1398	1	$\sqrt{\frac{u}{\sin(v) w}}$	CD	S	CDI	R
2356	1399	1	$\frac{u^3}{(\sin(v))^3 w^3}$	CD	S	CDI	K
2357	1400	1	$e^{\frac{u}{\sin(v) w}}$	CD	S	CDI	E
2358	1401	1	$\log\left(\frac{u}{\sin(v) w}\right)$	CD	S	CDI	L
2359	1402	1	$\arcsin\left(\frac{u}{\sin(v) w}\right)$	CD	S	CDI	S
2360	1403	1	$\arctan\left(\frac{u}{\sin(v) w}\right)$	CD	S	CDI	T
2361	1404	1	$\sqrt{-\frac{u^2 - w^2 + w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	CD	S	CDI	P

2362	1405	1	$\sqrt{\frac{u^2 + w^2 - w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	CD	S	CDI	H
2363	1406	1	$\frac{uw}{\sin(v) \pi}$	CD	S	CDF	CD
2364	1406	2	$\frac{uw}{\sin(v) \pi}$	CDF	S	CD	CD
2365	1406	3	$\frac{uw}{\sin(v) \pi}$	CDF	S	CDF	CDF
2366	1407	1	$\frac{\sin(v) \pi}{uw}$	CD	S	CDF	CDI
2367	1407	2	$\frac{\sin(v) \pi}{uw}$	CDF	S	CD	CDI
2368	1407	3	$\frac{\sin(v) \pi}{uw}$	CDF	S	CDF	CDIF
2369	1408	1	$\frac{u^2 w^2}{(\sin(v))^2 \pi^2}$	CD	S	CDF	AB
2370	1408	2	$\frac{u^2 w^2}{(\sin(v))^2 \pi^2}$	CDF	S	CD	AB
2371	1409	1	$\sqrt{\frac{uw}{\sin(v) \pi}}$	CD	S	CDF	R
2372	1409	2	$\sqrt{\frac{uw}{\sin(v) \pi}}$	CDF	S	CD	R
2373	1410	1	$\frac{u^3 w^3}{(\sin(v))^3 \pi^3}$	CD	S	CDF	K
2374	1410	2	$\frac{u^3 w^3}{(\sin(v))^3 \pi^3}$	CDF	S	CD	K
2375	1411	1	$e^{\frac{uw}{\sin(v) \pi}}$	CD	S	CDF	E
2376	1411	2	$e^{\frac{uw}{\sin(v) \pi}}$	CDF	S	CD	E
2377	1412	1	$\log\left(\frac{uw}{\sin(v) \pi}\right)$	CD	S	CDF	L
2378	1412	2	$\log\left(\frac{uw}{\sin(v) \pi}\right)$	CDF	S	CD	L
2379	1413	1	$\arcsin\left(\frac{uw}{\sin(v) \pi}\right)$	CD	S	CDF	S

2380	1413	2	$\arcsin\left(\frac{uw}{\sin(v)\pi}\right)$	CDF	S	CD	S
2381	1414	1	$\arctan\left(\frac{uw}{\sin(v)\pi}\right)$	CD	S	CDF	T
2382	1414	2	$\arctan\left(\frac{uw}{\sin(v)\pi}\right)$	CDF	S	CD	T
2383	1415	1	$\sqrt{-\frac{u^2w^2 - \pi^2 + \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CD	S	CDF	P
2384	1415	2	$\sqrt{-\frac{u^2w^2 - \pi^2 + \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	CD	P
2385	1416	1	$\sqrt{\frac{u^2w^2 + \pi^2 - \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CD	S	CDF	H
2386	1416	2	$\sqrt{\frac{u^2w^2 + \pi^2 - \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	CD	H
2387	1417	1	$\frac{u}{\sin(v)w\pi}$	CD	S	CDIF	CD
2388	1417	2	$\frac{u}{\sin(v)w\pi}$	CDF	S	CDI	CD
2389	1417	3	$\frac{u}{\sin(v)w\pi}$	CDF	S	CDIF	CDF
2390	1418	1	$\frac{\sin(v)w\pi}{u}$	CD	S	CDIF	CDI
2391	1418	2	$\frac{\sin(v)w\pi}{u}$	CDF	S	CDI	CDI
2392	1418	3	$\frac{\sin(v)w\pi}{u}$	CDF	S	CDIF	CDIF
2393	1419	1	$\frac{u^2}{(\sin(v))^2w^2\pi^2}$	CD	S	CDIF	AB
2394	1419	2	$\frac{u^2}{(\sin(v))^2w^2\pi^2}$	CDF	S	CDI	AB
2395	1420	1	$\sqrt{\frac{u}{\sin(v)w\pi}}$	CD	S	CDIF	R
2396	1420	2	$\sqrt{\frac{u}{\sin(v)w\pi}}$	CDF	S	CDI	R

2397	1421	1	$\frac{u^3}{(\sin(v))^3 w^3 \pi^3}$	CD	S	CDIF	K
2398	1421	2	$\frac{u^3}{(\sin(v))^3 w^3 \pi^3}$	CDF	S	CDI	K
2399	1422	1	$e^{\frac{u}{\sin(v) w \pi}}$	CD	S	CDIF	E
2400	1422	2	$e^{\frac{u}{\sin(v) w \pi}}$	CDF	S	CDI	E
2401	1423	1	$\log\left(\frac{u}{\sin(v) w \pi}\right)$	CD	S	CDIF	L
2402	1423	2	$\log\left(\frac{u}{\sin(v) w \pi}\right)$	CDF	S	CDI	L
2403	1424	1	$\arcsin\left(\frac{u}{\sin(v) w \pi}\right)$	CD	S	CDIF	S
2404	1424	2	$\arcsin\left(\frac{u}{\sin(v) w \pi}\right)$	CDF	S	CDI	S
2405	1425	1	$\arctan\left(\frac{u}{\sin(v) w \pi}\right)$	CD	S	CDIF	T
2406	1425	2	$\arctan\left(\frac{u}{\sin(v) w \pi}\right)$	CDF	S	CDI	T
2407	1426	1	$\sqrt{-\frac{u^2 - w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	CD	S	CDIF	P
2408	1426	2	$\sqrt{-\frac{u^2 - w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	CDF	S	CDI	P
2409	1427	1	$\sqrt{\frac{u^2 + w^2 \pi^2 - w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	CD	S	CDIF	H
2410	1427	2	$\sqrt{\frac{u^2 + w^2 \pi^2 - w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	CDF	S	CDI	H
2411	1428	1	$\frac{u \sqrt{w}}{\sin(v)}$	CD	S	AB	CD
2412	1428	2	$\frac{u \sqrt{w}}{\sin(v)}$	CDF	S	AB	CDF

2413	1429	1	$\frac{\sin(v)}{u\sqrt{w}}$	CD	S	AB	CDI
2414	1429	2	$\frac{\sin(v)}{u\sqrt{w}}$	CDF	S	AB	CDIF
2415	1430	1	$\frac{u\sqrt{w}\pi}{\sin(v)}$	CD	S	AB	CDF
2416	1431	1	$\frac{\sin(v)}{u\sqrt{w}\pi}$	CD	S	AB	CDIF
2417	1432	1	$\frac{u^2w}{(\sin(v))^2}$	CD	S	AB	AB
2418	1433	1	$\sqrt{\frac{u\sqrt{w}}{\sin(v)}}$	CD	S	AB	R
2419	1434	1	$\frac{u^3w^{3/2}}{(\sin(v))^3}$	CD	S	AB	K
2420	1435	1	$e^{\frac{u\sqrt{w}}{\sin(v)}}$	CD	S	AB	E
2421	1436	1	$\log\left(\frac{u\sqrt{w}}{\sin(v)}\right)$	CD	S	AB	L
2422	1437	1	$\arcsin\left(\frac{u\sqrt{w}}{\sin(v)}\right)$	CD	S	AB	S
2423	1438	1	$\arctan\left(\frac{u\sqrt{w}}{\sin(v)}\right)$	CD	S	AB	T
2424	1439	1	$\sqrt{-\frac{u^2w-1+(\cos(v))^2}{(\sin(v))^2}}$	CD	S	AB	P
2425	1440	1	$\sqrt{\frac{u^2w+1-(\cos(v))^2}{(\sin(v))^2}}$	CD	S	AB	H
2426	1441	1	$\frac{uw^2}{\sin(v)}$	CD	S	R	CD
2427	1441	2	$\frac{uw^2}{\sin(v)}$	CDF	S	R	CDF

2428	1442	1	$\frac{\sin(v)}{uw^2}$	CD	S	R	CDI
2429	1442	2	$\frac{\sin(v)}{uw^2}$	CDF	S	R	CDIF
2430	1443	1	$\frac{uw^2\pi}{\sin(v)}$	CD	S	R	CDF
2431	1444	1	$\frac{\sin(v)}{uw^2\pi}$	CD	S	R	CDIF
2432	1445	1	$\frac{u^2w^4}{(\sin(v))^2}$	CD	S	R	AB
2433	1446	1	$\sqrt{\frac{uw^2}{\sin(v)}}$	CD	S	R	R
2434	1447	1	$\frac{u^3w^6}{(\sin(v))^3}$	CD	S	R	K
2435	1448	1	$e^{\frac{uw^2}{\sin(v)}}$	CD	S	R	E
2436	1449	1	$\log\left(\frac{uw^2}{\sin(v)}\right)$	CD	S	R	L
2437	1450	1	$\arcsin\left(\frac{uw^2}{\sin(v)}\right)$	CD	S	R	S
2438	1451	1	$\arctan\left(\frac{uw^2}{\sin(v)}\right)$	CD	S	R	T
2439	1452	1	$\sqrt{-\frac{u^2w^4 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	CD	S	R	P
2440	1453	1	$\sqrt{\frac{u^2w^4 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	CD	S	R	H
2441	1454	1	$\frac{u\sqrt[3]{w}}{\sin(v)}$	CD	S	K	CD
2442	1454	2	$\frac{u\sqrt[3]{w}}{\sin(v)}$	CDF	S	K	CDF

2443	1455	1	$\frac{\sin(v)}{u\sqrt[3]{w}}$	CD	S	K	CDI
2444	1455	2	$\frac{\sin(v)}{u\sqrt[3]{w}}$	CDF	S	K	CDIF
2445	1456	1	$\frac{u\sqrt[3]{w}\pi}{\sin(v)}$	CD	S	K	CDF
2446	1457	1	$\frac{\sin(v)}{u\sqrt[3]{w}\pi}$	CD	S	K	CDIF
2447	1458	1	$\frac{u^2w^{2/3}}{(\sin(v))^2}$	CD	S	K	AB
2448	1459	1	$\sqrt{\frac{u\sqrt[3]{w}}{\sin(v)}}$	CD	S	K	R
2449	1460	1	$\frac{u^3w}{(\sin(v))^3}$	CD	S	K	K
2450	1461	1	$e^{\frac{u\sqrt[3]{w}}{\sin(v)}}$	CD	S	K	E
2451	1462	1	$\log\left(\frac{u\sqrt[3]{w}}{\sin(v)}\right)$	CD	S	K	L
2452	1463	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\sin(v)}\right)$	CD	S	K	S
2453	1464	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\sin(v)}\right)$	CD	S	K	T
2454	1465	1	$\sqrt{-\frac{u^2w^{2/3} + (\cos(v))^2 - 1}{(\sin(v))^2}}$	CD	S	K	P
2455	1466	1	$\sqrt{\frac{u^2w^{2/3} - (\cos(v))^2 + 1}{(\sin(v))^2}}$	CD	S	K	H
2456	1467	1	$\frac{u \ln(w)}{\sin(v)}$	CD	S	E	CD
2457	1467	2	$\frac{u \ln(w)}{\sin(v)}$	CDF	S	E	CDF

2458	1468	1	$\frac{\sin(v)}{u \ln(w)}$	CD	S	E	CDI
2459	1468	2	$\frac{\sin(v)}{u \ln(w)}$	CDF	S	E	CDIF
2460	1469	1	$\frac{u \ln(w) \pi}{\sin(v)}$	CD	S	E	CDF
2461	1470	1	$\frac{\sin(v)}{u \ln(w) \pi}$	CD	S	E	CDIF
2462	1471	1	$\frac{u^2 (\ln(w))^2}{(\sin(v))^2}$	CD	S	E	AB
2463	1472	1	$\sqrt{\frac{u \ln(w)}{\sin(v)}}$	CD	S	E	R
2464	1473	1	$\frac{u^3 (\ln(w))^3}{(\sin(v))^3}$	CD	S	E	K
2465	1474	1	$w^{\frac{u}{\sin(v)}}$	CD	S	E	E
2466	1475	1	$\log\left(\frac{u \ln(w)}{\sin(v)}\right)$	CD	S	E	L
2467	1476	1	$\arcsin\left(\frac{u \ln(w)}{\sin(v)}\right)$	CD	S	E	S
2468	1477	1	$\arctan\left(\frac{u \ln(w)}{\sin(v)}\right)$	CD	S	E	T
2469	1478	1	$\sqrt{-\frac{(\cos(v))^2 - 1 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	CD	S	E	P
2470	1479	1	$\sqrt{\frac{-(\cos(v))^2 + 1 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	CD	S	E	H
2471	1480	1	$\frac{u \exp(w)}{\sin(v)}$	CD	S	L	CD
2472	1480	2	$\frac{u \exp(w)}{\sin(v)}$	CDF	S	L	CDF

2473	1481	1	$\frac{\sin(v)}{u \text{Exp}(w)}$	CD	S	L	CDI
2474	1481	2	$\frac{\sin(v)}{u \text{Exp}(w)}$	CDF	S	L	CDIF
2475	1482	1	$\frac{u \text{Exp}(w) \pi}{\sin(v)}$	CD	S	L	CDF
2476	1483	1	$\frac{\sin(v)}{u \text{Exp}(w) \pi}$	CD	S	L	CDIF
2477	1484	1	$\frac{u^2 (\text{Exp}(w))^2}{(\sin(v))^2}$	CD	S	L	AB
2478	1485	1	$\sqrt{\frac{u \text{Exp}(w)}{\sin(v)}}$	CD	S	L	R
2479	1486	1	$\frac{u^3 (\text{Exp}(w))^3}{(\sin(v))^3}$	CD	S	L	K
2480	1487	1	$e^{\frac{u \text{Exp}(w)}{\sin(v)}}$	CD	S	L	E
2481	1488	1	$\log\left(\frac{u \text{Exp}(w)}{\sin(v)}\right)$	CD	S	L	L
2482	1489	1	$\arcsin\left(\frac{u \text{Exp}(w)}{\sin(v)}\right)$	CD	S	L	S
2483	1490	1	$\arctan\left(\frac{u \text{Exp}(w)}{\sin(v)}\right)$	CD	S	L	T
2484	1491	1	$\sqrt{-\frac{(\cos(v))^2 - 1 + u^2 (\text{Exp}(w))^2}{(\sin(v))^2}}$	CD	S	L	P
2485	1492	1	$\sqrt{\frac{-(\cos(v))^2 + 1 + u^2 (\text{Exp}(w))^2}{(\sin(v))^2}}$	CD	S	L	H
2486	1493	1	$\frac{u \sin(w)}{\sin(v)}$	CD	S	S	CD
2487	1493	2	$\frac{u \sin(w)}{\sin(v)}$	CDF	S	S	CDF

2488	1494	1	$\frac{\sin(v)}{u \sin(w)}$	CD	S	S	CDI
2489	1494	2	$\frac{\sin(v)}{u \sin(w)}$	CDF	S	S	CDIF
2490	1495	1	$\frac{u \sin(w) \pi}{\sin(v)}$	CD	S	S	CDF
2491	1496	1	$\frac{\sin(v)}{u \sin(w) \pi}$	CD	S	S	CDIF
2492	1497	1	$\frac{u^2 (\sin(w))^2}{(\sin(v))^2}$	CD	S	S	AB
2493	1498	1	$\sqrt{\frac{u \sin(w)}{\sin(v)}}$	CD	S	S	R
2494	1499	1	$\frac{u^3 (\sin(w))^3}{(\sin(v))^3}$	CD	S	S	K
2495	1500	1	$e^{\frac{u \sin(w)}{\sin(v)}}$	CD	S	S	E
2496	1501	1	$\log\left(\frac{u \sin(w)}{\sin(v)}\right)$	CD	S	S	L
2497	1502	1	$\arcsin\left(\frac{u \sin(w)}{\sin(v)}\right)$	CD	S	S	S
2498	1503	1	$\arctan\left(\frac{u \sin(w)}{\sin(v)}\right)$	CD	S	S	T
2499	1504	1	$\sqrt{\frac{-(\cos(v))^2 + 1 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	CD	S	S	P
2500	1505	1	$\sqrt{-\frac{(\cos(v))^2 - 1 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	CD	S	S	H
2501	1506	1	$\frac{u \sin(w)}{\sin(v) \cos(w)}$	CD	S	T	CD
2502	1506	2	$\frac{u \sin(w)}{\sin(v) \cos(w)}$	CDF	S	T	CDF

2503	1507	1	$\frac{\sin(v) \cos(w)}{u \sin(w)}$	CD	S	T	CDI
2504	1507	2	$\frac{\sin(v) \cos(w)}{u \sin(w)}$	CDF	S	T	CDIF
2505	1508	1	$\frac{u \sin(w) \pi}{\sin(v) \cos(w)}$	CD	S	T	CDF
2506	1509	1	$\frac{\sin(v) \cos(w)}{u \sin(w) \pi}$	CD	S	T	CDIF
2507	1510	1	$\frac{u^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	CD	S	T	AB
2508	1511	1	$\sqrt{\frac{u \sin(w)}{\sin(v) \cos(w)}}$	CD	S	T	R
2509	1512	1	$\frac{u^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	CD	S	T	K
2510	1513	1	$e^{\frac{u \sin(w)}{\sin(v) \cos(w)}}$	CD	S	T	E
2511	1514	1	$\log\left(\frac{u \sin(w)}{\sin(v) \cos(w)}\right)$	CD	S	T	L
2512	1515	1	$\arcsin\left(\frac{u \sin(w)}{\sin(v) \cos(w)}\right)$	CD	S	T	S
2513	1516	1	$\arctan\left(\frac{u \sin(w)}{\sin(v) \cos(w)}\right)$	CD	S	T	T
2514	1517	1	$\sqrt{\frac{-(\cos(w))^2 (\cos(v))^2 + (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	CD	S	T	P
2515	1518	1	$\sqrt{-\frac{(\cos(w))^2 (\cos(v))^2 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	CD	S	T	H
2516	1519	1	$\frac{u \sqrt{1-w^2}}{\sin(v)}$	CD	S	P	CD
2517	1519	2	$\frac{u \sqrt{1-w^2}}{\sin(v)}$	CDF	S	P	CDF

2518	1520	1	$\frac{\sin(v)}{u\sqrt{1-w^2}}$	CD	S	P	CDI
2519	1520	2	$\frac{\sin(v)}{u\sqrt{1-w^2}}$	CDF	S	P	CDIF
2520	1521	1	$\frac{u\sqrt{1-w^2}\pi}{\sin(v)}$	CD	S	P	CDF
2521	1522	1	$\frac{\sin(v)}{u\sqrt{1-w^2}\pi}$	CD	S	P	CDIF
2522	1523	1	$-\frac{u^2(-1+w^2)}{(\sin(v))^2}$	CD	S	P	AB
2523	1524	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sin(v)}}$	CD	S	P	R
2524	1525	1	$\frac{u^3(1-w^2)^{3/2}}{(\sin(v))^3}$	CD	S	P	K
2525	1526	1	$e^{\frac{u\sqrt{1-w^2}}{\sin(v)}}$	CD	S	P	E
2526	1527	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sin(v)}\right)$	CD	S	P	L
2527	1528	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sin(v)}\right)$	CD	S	P	S
2528	1529	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sin(v)}\right)$	CD	S	P	T
2529	1530	1	$\sqrt{\frac{-u^2+u^2w^2+1-(\cos(v))^2}{(\sin(v))^2}}$	CD	S	P	P
2530	1530	2	$\sqrt{\frac{-u^2+u^2w^2+1-(\cos(v))^2}{(\sin(v))^2}}$	CD	S	H	H
2531	1531	1	$\sqrt{-\frac{-u^2+u^2w^2-1+(\cos(v))^2}{(\sin(v))^2}}$	CD	S	P	H

2532	1531	2	$\sqrt{-\frac{-u^2 + u^2 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	CD	S	H	P
2533	1532	1	$\frac{u\sqrt{-1+w^2}}{\sin(v)}$	CD	S	H	CD
2534	1532	2	$\frac{u\sqrt{-1+w^2}}{\sin(v)}$	CDF	S	H	CDF
2535	1533	1	$\frac{\sin(v)}{u\sqrt{-1+w^2}}$	CD	S	H	CDI
2536	1533	2	$\frac{\sin(v)}{u\sqrt{-1+w^2}}$	CDF	S	H	CDIF
2537	1534	1	$\frac{u\sqrt{-1+w^2}\pi}{\sin(v)}$	CD	S	H	CDF
2538	1535	1	$\frac{\sin(v)}{u\sqrt{-1+w^2}\pi}$	CD	S	H	CDIF
2539	1536	1	$\frac{u^2(-1+w^2)}{(\sin(v))^2}$	CD	S	H	AB
2540	1537	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sin(v)}}$	CD	S	H	R
2541	1538	1	$\frac{u^3(-1+w^2)^{3/2}}{(\sin(v))^3}$	CD	S	H	K
2542	1539	1	$e^{\frac{u\sqrt{-1+w^2}}{\sin(v)}}$	CD	S	H	E
2543	1540	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sin(v)}\right)$	CD	S	H	L
2544	1541	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sin(v)}\right)$	CD	S	H	S
2545	1542	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sin(v)}\right)$	CD	S	H	T
2546	1543	1	$\frac{uw}{\tan(v)}$	CD	T	CD	CD

2547	1543	2	$\frac{uw}{\tan(v)}$	CD	T	CDF	CDF
2548	1543	3	$\frac{uw}{\tan(v)}$	CDF	T	CD	CDF
2549	1544	1	$\frac{\tan(v)}{uw}$	CD	T	CD	CDI
2550	1544	2	$\frac{\tan(v)}{uw}$	CD	T	CDF	CDIF
2551	1544	3	$\frac{\tan(v)}{uw}$	CDF	T	CD	CDIF
2552	1545	1	$\frac{uw\pi}{\tan(v)}$	CD	T	CD	CDF
2553	1546	1	$\frac{\tan(v)}{uw\pi}$	CD	T	CD	CDIF
2554	1547	1	$\frac{u^2w^2}{(\tan(v))^2}$	CD	T	CD	AB
2555	1548	1	$\sqrt{\frac{uw}{\tan(v)}}$	CD	T	CD	R
2556	1549	1	$\frac{u^3w^3}{(\tan(v))^3}$	CD	T	CD	K
2557	1550	1	$e^{\frac{uw}{\tan(v)}}$	CD	T	CD	E
2558	1551	1	$\log\left(\frac{uw}{\tan(v)}\right)$	CD	T	CD	L
2559	1552	1	$\arcsin\left(\frac{uw}{\tan(v)}\right)$	CD	T	CD	S
2560	1553	1	$\arctan\left(\frac{uw}{\tan(v)}\right)$	CD	T	CD	T
2561	1554	1	$\sqrt{-\frac{(\tan(v))^2 + u^2w^2}{(\tan(v))^2}}$	CD	T	CD	P
2562	1555	1	$\sqrt{\frac{(\tan(v))^2 + u^2w^2}{(\tan(v))^2}}$	CD	T	CD	H

2563	1556	1	$\frac{u}{\tan(v) w}$	CD	T	CDI	CD
2564	1556	2	$\frac{u}{\tan(v) w}$	CD	T	CDIF	CDF
2565	1556	3	$\frac{u}{\tan(v) w}$	CDF	T	CDI	CDF
2566	1557	1	$\frac{\tan(v) w}{u}$	CD	T	CDI	CDI
2567	1557	2	$\frac{\tan(v) w}{u}$	CD	T	CDIF	CDIF
2568	1557	3	$\frac{\tan(v) w}{u}$	CDF	T	CDI	CDIF
2569	1558	1	$\frac{u\pi}{\tan(v) w}$	CD	T	CDI	CDF
2570	1559	1	$\frac{\tan(v) w}{u\pi}$	CD	T	CDI	CDIF
2571	1560	1	$\frac{u^2}{(\tan(v))^2 w^2}$	CD	T	CDI	AB
2572	1561	1	$\sqrt{\frac{u}{\tan(v) w}}$	CD	T	CDI	R
2573	1562	1	$\frac{u^3}{(\tan(v))^3 w^3}$	CD	T	CDI	K
2574	1563	1	$e^{\frac{u}{\tan(v) w}}$	CD	T	CDI	E
2575	1564	1	$\log\left(\frac{u}{\tan(v) w}\right)$	CD	T	CDI	L
2576	1565	1	$\arcsin\left(\frac{u}{\tan(v) w}\right)$	CD	T	CDI	S
2577	1566	1	$\arctan\left(\frac{u}{\tan(v) w}\right)$	CD	T	CDI	T
2578	1567	1	$\sqrt{-\frac{(\tan(v))^2 w^2 + u^2}{(\tan(v))^2 w^2}}$	CD	T	CDI	P

2579	1568	1	$\sqrt{\frac{(\tan(v))^2 w^2 + u^2}{(\tan(v))^2 w^2}}$	CD	T	CDI	H
2580	1569	1	$\frac{uw}{\tan(v)\pi}$	CD	T	CDF	CD
2581	1569	2	$\frac{uw}{\tan(v)\pi}$	CDF	T	CD	CD
2582	1569	3	$\frac{uw}{\tan(v)\pi}$	CDF	T	CDF	CDF
2583	1570	1	$\frac{\tan(v)\pi}{uw}$	CD	T	CDF	CDI
2584	1570	2	$\frac{\tan(v)\pi}{uw}$	CDF	T	CD	CDI
2585	1570	3	$\frac{\tan(v)\pi}{uw}$	CDF	T	CDF	CDIF
2586	1571	1	$\frac{u^2 w^2}{(\tan(v))^2 \pi^2}$	CD	T	CDF	AB
2587	1571	2	$\frac{u^2 w^2}{(\tan(v))^2 \pi^2}$	CDF	T	CD	AB
2588	1572	1	$\sqrt{\frac{uw}{\tan(v)\pi}}$	CD	T	CDF	R
2589	1572	2	$\sqrt{\frac{uw}{\tan(v)\pi}}$	CDF	T	CD	R
2590	1573	1	$\frac{u^3 w^3}{(\tan(v))^3 \pi^3}$	CD	T	CDF	K
2591	1573	2	$\frac{u^3 w^3}{(\tan(v))^3 \pi^3}$	CDF	T	CD	K
2592	1574	1	$e^{\frac{uw}{\tan(v)\pi}}$	CD	T	CDF	E
2593	1574	2	$e^{\frac{uw}{\tan(v)\pi}}$	CDF	T	CD	E
2594	1575	1	$\log\left(\frac{uw}{\tan(v)\pi}\right)$	CD	T	CDF	L
2595	1575	2	$\log\left(\frac{uw}{\tan(v)\pi}\right)$	CDF	T	CD	L
2596	1576	1	$\arcsin\left(\frac{uw}{\tan(v)\pi}\right)$	CD	T	CDF	S

2597	1576	2	$\arcsin\left(\frac{uw}{\tan(v)\pi}\right)$	CDF	T	CD	S
2598	1577	1	$\arctan\left(\frac{uw}{\tan(v)\pi}\right)$	CD	T	CDF	T
2599	1577	2	$\arctan\left(\frac{uw}{\tan(v)\pi}\right)$	CDF	T	CD	T
2600	1578	1	$\sqrt{-\frac{(\tan(v))^2\pi^2 + u^2w^2}{(\tan(v))^2\pi^2}}$	CD	T	CDF	P
2601	1578	2	$\sqrt{-\frac{(\tan(v))^2\pi^2 + u^2w^2}{(\tan(v))^2\pi^2}}$	CDF	T	CD	P
2602	1579	1	$\sqrt{\frac{(\tan(v))^2\pi^2 + u^2w^2}{(\tan(v))^2\pi^2}}$	CD	T	CDF	H
2603	1579	2	$\sqrt{\frac{(\tan(v))^2\pi^2 + u^2w^2}{(\tan(v))^2\pi^2}}$	CDF	T	CD	H
2604	1580	1	$\frac{u}{\tan(v)w\pi}$	CD	T	CDIF	CD
2605	1580	2	$\frac{u}{\tan(v)w\pi}$	CDF	T	CDI	CD
2606	1580	3	$\frac{u}{\tan(v)w\pi}$	CDF	T	CDIF	CDF
2607	1581	1	$\frac{\tan(v)w\pi}{u}$	CD	T	CDIF	CDI
2608	1581	2	$\frac{\tan(v)w\pi}{u}$	CDF	T	CDI	CDI
2609	1581	3	$\frac{\tan(v)w\pi}{u}$	CDF	T	CDIF	CDIF
2610	1582	1	$\frac{u^2}{(\tan(v))^2w^2\pi^2}$	CD	T	CDIF	AB
2611	1582	2	$\frac{u^2}{(\tan(v))^2w^2\pi^2}$	CDF	T	CDI	AB
2612	1583	1	$\sqrt{\frac{u}{\tan(v)w\pi}}$	CD	T	CDIF	R
2613	1583	2	$\sqrt{\frac{u}{\tan(v)w\pi}}$	CDF	T	CDI	R

2614	1584	1	$\frac{u^3}{(\tan(v))^3 w^3 \pi^3}$	CD	T	CDIF	K
2615	1584	2	$\frac{u^3}{(\tan(v))^3 w^3 \pi^3}$	CDF	T	CDI	K
2616	1585	1	$e^{\frac{u}{\tan(v) w \pi}}$	CD	T	CDIF	E
2617	1585	2	$e^{\frac{u}{\tan(v) w \pi}}$	CDF	T	CDI	E
2618	1586	1	$\log\left(\frac{u}{\tan(v) w \pi}\right)$	CD	T	CDIF	L
2619	1586	2	$\log\left(\frac{u}{\tan(v) w \pi}\right)$	CDF	T	CDI	L
2620	1587	1	$\arcsin\left(\frac{u}{\tan(v) w \pi}\right)$	CD	T	CDIF	S
2621	1587	2	$\arcsin\left(\frac{u}{\tan(v) w \pi}\right)$	CDF	T	CDI	S
2622	1588	1	$\arctan\left(\frac{u}{\tan(v) w \pi}\right)$	CD	T	CDIF	T
2623	1588	2	$\arctan\left(\frac{u}{\tan(v) w \pi}\right)$	CDF	T	CDI	T
2624	1589	1	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	CD	T	CDIF	P
2625	1589	2	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	CDF	T	CDI	P
2626	1590	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	CD	T	CDIF	H
2627	1590	2	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	CDF	T	CDI	H
2628	1591	1	$\frac{u\sqrt{w}}{\tan(v)}$	CD	T	AB	CD
2629	1591	2	$\frac{u\sqrt{w}}{\tan(v)}$	CDF	T	AB	CDF

2630	1592	1	$\frac{\tan(v)}{u\sqrt{w}}$	CD	T	AB	CDI
2631	1592	2	$\frac{\tan(v)}{u\sqrt{w}}$	CDF	T	AB	CDIF
2632	1593	1	$\frac{u\sqrt{w}\pi}{\tan(v)}$	CD	T	AB	CDF
2633	1594	1	$\frac{\tan(v)}{u\sqrt{w}\pi}$	CD	T	AB	CDIF
2634	1595	1	$\frac{u^2w}{(\tan(v))^2}$	CD	T	AB	AB
2635	1596	1	$\sqrt{\frac{u\sqrt{w}}{\tan(v)}}$	CD	T	AB	R
2636	1597	1	$\frac{u^3w^{3/2}}{(\tan(v))^3}$	CD	T	AB	K
2637	1598	1	$e^{\frac{u\sqrt{w}}{\tan(v)}}$	CD	T	AB	E
2638	1599	1	$\log\left(\frac{u\sqrt{w}}{\tan(v)}\right)$	CD	T	AB	L
2639	1600	1	$\arcsin\left(\frac{u\sqrt{w}}{\tan(v)}\right)$	CD	T	AB	S
2640	1601	1	$\arctan\left(\frac{u\sqrt{w}}{\tan(v)}\right)$	CD	T	AB	T
2641	1602	1	$\sqrt{-\frac{(\tan(v))^2 + u^2w}{(\tan(v))^2}}$	CD	T	AB	P
2642	1603	1	$\sqrt{\frac{(\tan(v))^2 + u^2w}{(\tan(v))^2}}$	CD	T	AB	H
2643	1604	1	$\frac{uw^2}{\tan(v)}$	CD	T	R	CD
2644	1604	2	$\frac{uw^2}{\tan(v)}$	CDF	T	R	CDF

2645	1605	1	$\frac{\tan(v)}{uw^2}$	CD	T	R	CDI
2646	1605	2	$\frac{\tan(v)}{uw^2}$	CDF	T	R	CDIF
2647	1606	1	$\frac{uw^2\pi}{\tan(v)}$	CD	T	R	CDF
2648	1607	1	$\frac{\tan(v)}{uw^2\pi}$	CD	T	R	CDIF
2649	1608	1	$\frac{u^2w^4}{(\tan(v))^2}$	CD	T	R	AB
2650	1609	1	$\sqrt{\frac{uw^2}{\tan(v)}}$	CD	T	R	R
2651	1610	1	$\frac{u^3w^6}{(\tan(v))^3}$	CD	T	R	K
2652	1611	1	$e^{\frac{uw^2}{\tan(v)}}$	CD	T	R	E
2653	1612	1	$\log\left(\frac{uw^2}{\tan(v)}\right)$	CD	T	R	L
2654	1613	1	$\arcsin\left(\frac{uw^2}{\tan(v)}\right)$	CD	T	R	S
2655	1614	1	$\arctan\left(\frac{uw^2}{\tan(v)}\right)$	CD	T	R	T
2656	1615	1	$\sqrt{-\frac{(\tan(v))^2 + u^2w^4}{(\tan(v))^2}}$	CD	T	R	P
2657	1616	1	$\sqrt{\frac{(\tan(v))^2 + u^2w^4}{(\tan(v))^2}}$	CD	T	R	H
2658	1617	1	$\frac{u\sqrt[3]{w}}{\tan(v)}$	CD	T	K	CD
2659	1617	2	$\frac{u\sqrt[3]{w}}{\tan(v)}$	CDF	T	K	CDF

2660	1618	1	$\frac{\tan(v)}{u\sqrt[3]{w}}$	CD	T	K	CDI
2661	1618	2	$\frac{\tan(v)}{u\sqrt[3]{w}}$	CDF	T	K	CDIF
2662	1619	1	$\frac{u\sqrt[3]{w}\pi}{\tan(v)}$	CD	T	K	CDF
2663	1620	1	$\frac{\tan(v)}{u\sqrt[3]{w}\pi}$	CD	T	K	CDIF
2664	1621	1	$\frac{u^2w^{2/3}}{(\tan(v))^2}$	CD	T	K	AB
2665	1622	1	$\sqrt{\frac{u\sqrt[3]{w}}{\tan(v)}}$	CD	T	K	R
2666	1623	1	$\frac{u^3w}{(\tan(v))^3}$	CD	T	K	K
2667	1624	1	$e^{\frac{u\sqrt[3]{w}}{\tan(v)}}$	CD	T	K	E
2668	1625	1	$\log\left(\frac{u\sqrt[3]{w}}{\tan(v)}\right)$	CD	T	K	L
2669	1626	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\tan(v)}\right)$	CD	T	K	S
2670	1627	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\tan(v)}\right)$	CD	T	K	T
2671	1628	1	$\sqrt{-\frac{(\tan(v))^2 + u^2w^{2/3}}{(\tan(v))^2}}$	CD	T	K	P
2672	1629	1	$\sqrt{\frac{(\tan(v))^2 + u^2w^{2/3}}{(\tan(v))^2}}$	CD	T	K	H
2673	1630	1	$\frac{u \ln(w)}{\tan(v)}$	CD	T	E	CD
2674	1630	2	$\frac{u \ln(w)}{\tan(v)}$	CDF	T	E	CDF

2675	1631	1	$\frac{\tan(v)}{u \ln(w)}$	CD	T	E	CDI
2676	1631	2	$\frac{\tan(v)}{u \ln(w)}$	CDF	T	E	CDIF
2677	1632	1	$\frac{u \ln(w) \pi}{\tan(v)}$	CD	T	E	CDF
2678	1633	1	$\frac{\tan(v)}{u \ln(w) \pi}$	CD	T	E	CDIF
2679	1634	1	$\frac{u^2 (\ln(w))^2}{(\tan(v))^2}$	CD	T	E	AB
2680	1635	1	$\sqrt{\frac{u \ln(w)}{\tan(v)}}$	CD	T	E	R
2681	1636	1	$\frac{u^3 (\ln(w))^3}{(\tan(v))^3}$	CD	T	E	K
2682	1637	1	$w^{\frac{u}{\tan(v)}}$	CD	T	E	E
2683	1638	1	$\log\left(\frac{u \ln(w)}{\tan(v)}\right)$	CD	T	E	L
2684	1639	1	$\arcsin\left(\frac{u \ln(w)}{\tan(v)}\right)$	CD	T	E	S
2685	1640	1	$\arctan\left(\frac{u \ln(w)}{\tan(v)}\right)$	CD	T	E	T
2686	1641	1	$\sqrt{-\frac{(\tan(v))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	CD	T	E	P
2687	1642	1	$\sqrt{\frac{(\tan(v))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	CD	T	E	H
2688	1643	1	$\frac{u \exp(w)}{\tan(v)}$	CD	T	L	CD
2689	1643	2	$\frac{u \exp(w)}{\tan(v)}$	CDF	T	L	CDF

2690	1644	1	$\frac{\tan(v)}{uExp(w)}$	CD	T	L	CDI
2691	1644	2	$\frac{\tan(v)}{uExp(w)}$	CDF	T	L	CDIF
2692	1645	1	$\frac{uExp(w)\pi}{\tan(v)}$	CD	T	L	CDF
2693	1646	1	$\frac{\tan(v)}{uExp(w)\pi}$	CD	T	L	CDIF
2694	1647	1	$\frac{u^2(Exp(w))^2}{(\tan(v))^2}$	CD	T	L	AB
2695	1648	1	$\sqrt{\frac{uExp(w)}{\tan(v)}}$	CD	T	L	R
2696	1649	1	$\frac{u^3(Exp(w))^3}{(\tan(v))^3}$	CD	T	L	K
2697	1650	1	$e^{\frac{uExp(w)}{\tan(v)}}$	CD	T	L	E
2698	1651	1	$\log\left(\frac{uExp(w)}{\tan(v)}\right)$	CD	T	L	L
2699	1652	1	$\arcsin\left(\frac{uExp(w)}{\tan(v)}\right)$	CD	T	L	S
2700	1653	1	$\arctan\left(\frac{uExp(w)}{\tan(v)}\right)$	CD	T	L	T
2701	1654	1	$\sqrt{-\frac{(\tan(v))^2 + u^2(Exp(w))^2}{(\tan(v))^2}}$	CD	T	L	P
2702	1655	1	$\sqrt{\frac{(\tan(v))^2 + u^2(Exp(w))^2}{(\tan(v))^2}}$	CD	T	L	H
2703	1656	1	$\frac{u \cos(v) \sin(w)}{\sin(v)}$	CD	T	S	CD
2704	1656	2	$\frac{u \cos(v) \sin(w)}{\sin(v)}$	CDF	T	S	CDF

2705	1657	1	$\frac{\sin(v)}{u \cos(v) \sin(w)}$	CD	T	S	CDI
2706	1657	2	$\frac{\sin(v)}{u \cos(v) \sin(w)}$	CDF	T	S	CDIF
2707	1658	1	$\frac{u \cos(v) \sin(w) \pi}{\sin(v)}$	CD	T	S	CDF
2708	1659	1	$\frac{\sin(v)}{u \cos(v) \sin(w) \pi}$	CD	T	S	CDIF
2709	1660	1	$\frac{u^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	CD	T	S	AB
2710	1661	1	$\sqrt{\frac{u \cos(v) \sin(w)}{\sin(v)}}$	CD	T	S	R
2711	1662	1	$\frac{u^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	CD	T	S	K
2712	1663	1	$e^{\frac{u \cos(v) \sin(w)}{\sin(v)}}$	CD	T	S	E
2713	1664	1	$\log\left(\frac{u \cos(v) \sin(w)}{\sin(v)}\right)$	CD	T	S	L
2714	1665	1	$\arcsin\left(\frac{u \cos(v) \sin(w)}{\sin(v)}\right)$	CD	T	S	S
2715	1666	1	$\arctan\left(\frac{u \cos(v) \sin(w)}{\sin(v)}\right)$	CD	T	S	T
2716	1667	1	$\sqrt{\frac{1 - (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	CD	T	S	P
2717	1668	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	CD	T	S	H
2718	1669	1	$\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}$	CD	T	T	CD
2719	1669	2	$\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}$	CDF	T	T	CDF

2720	1670	1	$\frac{\sin(v) \cos(w)}{u \cos(v) \sin(w)}$	CD	T	T	CDI
2721	1670	2	$\frac{\sin(v) \cos(w)}{u \cos(v) \sin(w)}$	CDF	T	T	CDIF
2722	1671	1	$\frac{u \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	CD	T	T	CDF
2723	1672	1	$\frac{\sin(v) \cos(w)}{u \cos(v) \sin(w) \pi}$	CD	T	T	CDIF
2724	1673	1	$\frac{u^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	CD	T	T	AB
2725	1674	1	$\sqrt{\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	CD	T	T	R
2726	1675	1	$\frac{u^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	CD	T	T	K
2727	1676	1	$e^{\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	CD	T	T	E
2728	1677	1	$\log\left(\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	CD	T	T	L
2729	1678	1	$\arcsin\left(\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	CD	T	T	S
2730	1679	1	$\arctan\left(\frac{u \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	CD	T	T	T
2731	1680	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	CD	T	P	P
2732	1681	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	CD	T	H	H
2733	1682	1	$\frac{u\sqrt{1-w^2}}{\tan(v)}$	CD	T	P	CD
2734	1682	2	$\frac{u\sqrt{1-w^2}}{\tan(v)}$	CDF	T	P	CDF

2735	1683	1	$\frac{\tan(v)}{u\sqrt{1-w^2}}$	CD	T	P	CDI
2736	1683	2	$\frac{\tan(v)}{u\sqrt{1-w^2}}$	CDF	T	P	CDIF
2737	1684	1	$\frac{u\sqrt{1-w^2}\pi}{\tan(v)}$	CD	T	P	CDF
2738	1685	1	$\frac{\tan(v)}{u\sqrt{1-w^2}\pi}$	CD	T	P	CDIF
2739	1686	1	$-\frac{u^2(-1+w^2)}{(\tan(v))^2}$	CD	T	P	AB
2740	1687	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\tan(v)}}$	CD	T	P	R
2741	1688	1	$\frac{u^3(1-w^2)^{3/2}}{(\tan(v))^3}$	CD	T	P	K
2742	1689	1	$e^{\frac{u\sqrt{1-w^2}}{\tan(v)}}$	CD	T	P	E
2743	1690	1	$\log\left(\frac{u\sqrt{1-w^2}}{\tan(v)}\right)$	CD	T	P	L
2744	1691	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\tan(v)}\right)$	CD	T	P	S
2745	1692	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\tan(v)}\right)$	CD	T	P	T
2746	1693	1	$\sqrt{\frac{(\tan(v))^2 - u^2 + u^2w^2}{(\tan(v))^2}}$	CD	T	P	P
2747	1693	2	$\sqrt{\frac{(\tan(v))^2 - u^2 + u^2w^2}{(\tan(v))^2}}$	CD	T	H	H
2748	1694	1	$\sqrt{-\frac{(\tan(v))^2 - u^2 + u^2w^2}{(\tan(v))^2}}$	CD	T	P	H

2749	1694	2	$\sqrt{-\frac{(\tan(v))^2 - u^2 + u^2 w^2}{(\tan(v))^2}}$	CD	T	H	P
2750	1695	1	$\frac{u\sqrt{-1+w^2}}{\tan(v)}$	CD	T	H	CD
2751	1695	2	$\frac{u\sqrt{-1+w^2}}{\tan(v)}$	CDF	T	H	CDF
2752	1696	1	$\frac{\tan(v)}{u\sqrt{-1+w^2}}$	CD	T	H	CDI
2753	1696	2	$\frac{\tan(v)}{u\sqrt{-1+w^2}}$	CDF	T	H	CDIF
2754	1697	1	$\frac{u\sqrt{-1+w^2}\pi}{\tan(v)}$	CD	T	H	CDF
2755	1698	1	$\frac{\tan(v)}{u\sqrt{-1+w^2}\pi}$	CD	T	H	CDIF
2756	1699	1	$\frac{u^2(-1+w^2)}{(\tan(v))^2}$	CD	T	H	AB
2757	1700	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\tan(v)}}$	CD	T	H	R
2758	1701	1	$\frac{u^3(-1+w^2)^{3/2}}{(\tan(v))^3}$	CD	T	H	K
2759	1702	1	$e^{\frac{u\sqrt{-1+w^2}}{\tan(v)}}$	CD	T	H	E
2760	1703	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\tan(v)}\right)$	CD	T	H	L
2761	1704	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\tan(v)}\right)$	CD	T	H	S
2762	1705	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\tan(v)}\right)$	CD	T	H	T
2763	1706	1	$\frac{uw}{\sqrt{1-v^2}}$	CD	P	CD	CD

2764	1706	2	$\frac{uw}{\sqrt{1-v^2}}$	CD	P	CDF	CDF
2765	1706	3	$\frac{uw}{\sqrt{1-v^2}}$	CDF	P	CD	CDF
2766	1707	1	$\frac{\sqrt{1-v^2}}{uw}$	CD	P	CD	CDI
2767	1707	2	$\frac{\sqrt{1-v^2}}{uw}$	CD	P	CDF	CDIF
2768	1707	3	$\frac{uw}{\sqrt{1-v^2}}$	CDF	P	CD	CDIF
2769	1708	1	$\frac{uw\pi}{\sqrt{1-v^2}}$	CD	P	CD	CDF
2770	1709	1	$\frac{\sqrt{1-v^2}}{uw\pi}$	CD	P	CD	CDIF
2771	1710	1	$-\frac{u^2w^2}{-1+v^2}$	CD	P	CD	AB
2772	1711	1	$\sqrt{\frac{uw}{\sqrt{1-v^2}}}$	CD	P	CD	R
2773	1712	1	$\frac{u^3w^3}{(1-v^2)^{3/2}}$	CD	P	CD	K
2774	1713	1	$e^{\frac{uw}{\sqrt{1-v^2}}}$	CD	P	CD	E
2775	1714	1	$\log\left(\frac{uw}{\sqrt{1-v^2}}\right)$	CD	P	CD	L
2776	1715	1	$\arcsin\left(\frac{uw}{\sqrt{1-v^2}}\right)$	CD	P	CD	S
2777	1716	1	$\arctan\left(\frac{uw}{\sqrt{1-v^2}}\right)$	CD	P	CD	T
2778	1717	1	$\sqrt{\frac{-1+v^2+u^2w^2}{-1+v^2}}$	CD	P	CD	P
2779	1717	2	$\sqrt{\frac{-1+v^2+u^2w^2}{-1+v^2}}$	CD	H	CD	H

2780	1718	1	$\sqrt{-\frac{1-v^2+u^2w^2}{-1+v^2}}$	CD	P	CD	H
2781	1718	2	$\sqrt{-\frac{1-v^2+u^2w^2}{-1+v^2}}$	CD	H	CD	P
2782	1719	1	$\frac{u}{\sqrt{1-v^2}w}$	CD	P	CDI	CD
2783	1720	1	$\frac{\sqrt{1-v^2}w}{u}$	CD	P	CDI	CDI
2784	1720	2	$\frac{\sqrt{1-v^2}w}{u}$	CD	P	CDIF	CDIF
2785	1720	3	$\frac{\sqrt{1-v^2}w}{u}$	CDF	P	CDI	CDIF
2786	1721	1	$\frac{u\pi}{\sqrt{1-v^2}w}$	CD	P	CDI	CDF
2787	1722	1	$\frac{\sqrt{1-v^2}w}{u\pi}$	CD	P	CDI	CDIF
2788	1723	1	$-\frac{u^2}{w^2(-1+v^2)}$	CD	P	CDI	AB
2789	1724	1	$\sqrt{\frac{u}{\sqrt{1-v^2}w}}$	CD	P	CDI	R
2790	1725	1	$\frac{u^3}{(1-v^2)^{3/2}w^3}$	CD	P	CDI	K
2791	1726	1	$e^{\frac{u}{\sqrt{1-v^2}w}}$	CD	P	CDI	E
2792	1727	1	$\log\left(\frac{u}{\sqrt{1-v^2}w}\right)$	CD	P	CDI	L
2793	1728	1	$\arcsin\left(\frac{u}{\sqrt{1-v^2}w}\right)$	CD	P	CDI	S
2794	1729	1	$\arctan\left(\frac{u}{\sqrt{1-v^2}w}\right)$	CD	P	CDI	T
2795	1730	1	$\sqrt{\frac{-w^2+v^2w^2+u^2}{w^2(-1+v^2)}}$	CD	P	CDI	P

2796	1730	2	$\sqrt{\frac{-w^2 + v^2 w^2 + u^2}{w^2 (-1 + v^2)}}$	CD	H	CDI	H
2797	1731	1	$\sqrt{-\frac{w^2 - v^2 w^2 + u^2}{w^2 (-1 + v^2)}}$	CD	P	CDI	H
2798	1731	2	$\sqrt{-\frac{w^2 - v^2 w^2 + u^2}{w^2 (-1 + v^2)}}$	CD	H	CDI	P
2799	1732	1	$\frac{uw}{\sqrt{1 - v^2} \pi}$	CD	P	CDF	CD
2800	1732	2	$\frac{uw}{\sqrt{1 - v^2} \pi}$	CDF	P	CD	CD
2801	1733	1	$\frac{\sqrt{1 - v^2} \pi}{uw}$	CD	P	CDF	CDI
2802	1733	2	$\frac{\sqrt{1 - v^2} \pi}{uw}$	CDF	P	CD	CDI
2803	1733	3	$\frac{\sqrt{1 - v^2} \pi}{uw}$	CDF	P	CDF	CDIF
2804	1734	1	$-\frac{u^2 w^2}{\pi^2 (-1 + v^2)}$	CD	P	CDF	AB
2805	1734	2	$-\frac{u^2 w^2}{\pi^2 (-1 + v^2)}$	CDF	P	CD	AB
2806	1735	1	$\sqrt{\frac{uw}{\sqrt{1 - v^2} \pi}}$	CD	P	CDF	R
2807	1735	2	$\sqrt{\frac{uw}{\sqrt{1 - v^2} \pi}}$	CDF	P	CD	R
2808	1736	1	$\frac{u^3 w^3}{(1 - v^2)^{3/2} \pi^3}$	CD	P	CDF	K
2809	1736	2	$\frac{u^3 w^3}{(1 - v^2)^{3/2} \pi^3}$	CDF	P	CD	K
2810	1737	1	$e^{\frac{uw}{\sqrt{1 - v^2} \pi}}$	CD	P	CDF	E
2811	1737	2	$e^{\frac{uw}{\sqrt{1 - v^2} \pi}}$	CDF	P	CD	E
2812	1738	1	$\log\left(\frac{uw}{\sqrt{1 - v^2} \pi}\right)$	CD	P	CDF	L

2813	1738	2	$\log\left(\frac{uw}{\sqrt{1-v^2}\pi}\right)$	CDF	P	CD	L
2814	1739	1	$\arcsin\left(\frac{uw}{\sqrt{1-v^2}\pi}\right)$	CD	P	CDF	S
2815	1739	2	$\arcsin\left(\frac{uw}{\sqrt{1-v^2}\pi}\right)$	CDF	P	CD	S
2816	1740	1	$\arctan\left(\frac{uw}{\sqrt{1-v^2}\pi}\right)$	CD	P	CDF	T
2817	1740	2	$\arctan\left(\frac{uw}{\sqrt{1-v^2}\pi}\right)$	CDF	P	CD	T
2818	1741	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CD	P	CDF	P
2819	1741	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CD	H	CDF	H
2820	1741	3	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	P	CD	P
2821	1741	4	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	CD	H
2822	1742	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CD	P	CDF	H
2823	1742	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CD	H	CDF	P
2824	1742	3	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	P	CD	H
2825	1742	4	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	CD	P
2826	1743	1	$\frac{u}{\sqrt{1-v^2}w\pi}$	CD	P	CDIF	CD
2827	1743	2	$\frac{u}{\sqrt{1-v^2}w\pi}$	CDF	P	CDI	CD
2828	1744	1	$\frac{\sqrt{1-v^2}w\pi}{u}$	CD	P	CDIF	CDI

2829	1744	2	$\frac{\sqrt{1-v^2}w\pi}{u}$	CDF	P	CDI	CDI
2830	1744	3	$\frac{\sqrt{1-v^2}w\pi}{u}$	CDF	P	CDIF	CDIF
2831	1745	1	$\frac{u}{\sqrt{-(v-1)(v+1)}w}$	CD	P	CDIF	CDF
2832	1745	2	$\frac{u}{\sqrt{-(v-1)(v+1)}w}$	CDF	P	CDI	CDF
2833	1746	1	$-\frac{u^2}{w^2\pi^2(-1+v^2)}$	CD	P	CDIF	AB
2834	1746	2	$-\frac{u^2}{w^2\pi^2(-1+v^2)}$	CDF	P	CDI	AB
2835	1747	1	$\sqrt{\frac{u}{\sqrt{1-v^2}w\pi}}$	CD	P	CDIF	R
2836	1747	2	$\sqrt{\frac{u}{\sqrt{1-v^2}w\pi}}$	CDF	P	CDI	R
2837	1748	1	$\frac{u^3}{(1-v^2)^{3/2}w^3\pi^3}$	CD	P	CDIF	K
2838	1748	2	$\frac{u^3}{(1-v^2)^{3/2}w^3\pi^3}$	CDF	P	CDI	K
2839	1749	1	$e^{\frac{u}{\sqrt{1-v^2}w\pi}}$	CD	P	CDIF	E
2840	1749	2	$e^{\frac{u}{\sqrt{1-v^2}w\pi}}$	CDF	P	CDI	E
2841	1750	1	$\log\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CD	P	CDIF	L
2842	1750	2	$\log\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CDF	P	CDI	L
2843	1751	1	$\arcsin\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CD	P	CDIF	S
2844	1751	2	$\arcsin\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CDF	P	CDI	S
2845	1752	1	$\arctan\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CD	P	CDIF	T
2846	1752	2	$\arctan\left(\frac{u}{\sqrt{1-v^2}w\pi}\right)$	CDF	P	CDI	T

2847	1753	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CD	P	CDIF	P
2848	1753	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CD	H	CDIF	H
2849	1753	3	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CDF	P	CDI	P
2850	1753	4	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CDF	H	CDI	H
2851	1754	1	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CD	P	CDIF	H
2852	1754	2	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CD	H	CDIF	P
2853	1754	3	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CDF	P	CDI	H
2854	1754	4	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^2}{w^2\pi^2(-1+v^2)}}$	CDF	H	CDI	P
2855	1755	1	$\frac{u\sqrt{w}}{\sqrt{1-v^2}}$	CD	P	AB	CD
2856	1755	2	$\frac{u\sqrt{w}}{\sqrt{1-v^2}}$	CDF	P	AB	CDF
2857	1756	1	$\frac{\sqrt{1-v^2}}{u\sqrt{w}}$	CD	P	AB	CDI
2858	1756	2	$\frac{\sqrt{1-v^2}}{u\sqrt{w}}$	CDF	P	AB	CDIF
2859	1757	1	$\frac{u\sqrt{w}\pi}{\sqrt{1-v^2}}$	CD	P	AB	CDF
2860	1758	1	$\frac{\sqrt{1-v^2}}{u\sqrt{w}\pi}$	CD	P	AB	CDIF
2861	1759	1	$-\frac{u^2w}{-1+v^2}$	CD	P	AB	AB

2862	1760	1	$\sqrt{\frac{u\sqrt{w}}{\sqrt{1-v^2}}}$	CD	P	AB	R
2863	1761	1	$\frac{u^3w^{3/2}}{(1-v^2)^{3/2}}$	CD	P	AB	K
2864	1762	1	$e^{\frac{u\sqrt{w}}{\sqrt{1-v^2}}}$	CD	P	AB	E
2865	1763	1	$\log\left(\frac{u\sqrt{w}}{\sqrt{1-v^2}}\right)$	CD	P	AB	L
2866	1764	1	$\arcsin\left(\frac{u\sqrt{w}}{\sqrt{1-v^2}}\right)$	CD	P	AB	S
2867	1765	1	$\arctan\left(\frac{u\sqrt{w}}{\sqrt{1-v^2}}\right)$	CD	P	AB	T
2868	1766	1	$\sqrt{\frac{-1+v^2+u^2w}{-1+v^2}}$	CD	P	AB	P
2869	1766	2	$\sqrt{\frac{-1+v^2+u^2w}{-1+v^2}}$	CD	H	AB	H
2870	1767	1	$\sqrt{-\frac{1-v^2+u^2w}{-1+v^2}}$	CD	P	AB	H
2871	1767	2	$\sqrt{-\frac{1-v^2+u^2w}{-1+v^2}}$	CD	H	AB	P
2872	1768	1	$\frac{uw^2}{\sqrt{-(v-1)(v+1)}}$	CD	P	R	CD
2873	1768	2	$\frac{uw^2}{\sqrt{-(v-1)(v+1)}}$	CDF	P	R	CDF
2874	1769	1	$\frac{\sqrt{1-v^2}}{uw^2}$	CD	P	R	CDI
2875	1769	2	$\frac{\sqrt{1-v^2}}{uw^2}$	CDF	P	R	CDIF
2876	1770	1	$\frac{uw^2\pi}{\sqrt{-(v-1)(v+1)}}$	CD	P	R	CDF
2877	1771	1	$\frac{\sqrt{1-v^2}}{uw^2\pi}$	CD	P	R	CDIF

2878	1772	1	$-\frac{u^2 w^4}{-1+v^2}$	CD	P	R	AB
2879	1773	1	$\sqrt{\frac{uw^2}{\sqrt{-(v-1)(v+1)}}}$	CD	P	R	R
2880	1774	1	$\frac{u^3 w^6}{(1-v^2)^{3/2}}$	CD	P	R	K
2881	1775	1	$e^{\frac{uw^2}{\sqrt{-(v-1)(v+1)}}}$	CD	P	R	E
2882	1776	1	$\log\left(\frac{uw^2}{\sqrt{-(v-1)(v+1)}}\right)$	CD	P	R	L
2883	1777	1	$\arcsin\left(\frac{uw^2}{\sqrt{-(v-1)(v+1)}}\right)$	CD	P	R	S
2884	1778	1	$\arctan\left(\frac{uw^2}{\sqrt{-(v-1)(v+1)}}\right)$	CD	P	R	T
2885	1779	1	$\sqrt{\frac{-1+v^2+u^2 w^4}{-1+v^2}}$	CD	P	R	P
2886	1779	2	$\sqrt{\frac{-1+v^2+u^2 w^4}{-1+v^2}}$	CD	H	R	H
2887	1780	1	$\sqrt{-\frac{1-v^2+u^2 w^4}{-1+v^2}}$	CD	P	R	H
2888	1780	2	$\sqrt{-\frac{1-v^2+u^2 w^4}{-1+v^2}}$	CD	H	R	P
2889	1781	1	$\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}$	CD	P	K	CD
2890	1781	2	$\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}$	CDF	P	K	CDF
2891	1782	1	$\frac{\sqrt{1-v^2}}{u\sqrt[3]{w}}$	CD	P	K	CDI
2892	1782	2	$\frac{\sqrt{1-v^2}}{u\sqrt[3]{w}}$	CDF	P	K	CDIF

2893	1783	1	$\frac{u\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	CD	P	K	CDF
2894	1784	1	$\frac{\sqrt{1-v^2}}{u\sqrt[3]{w}\pi}$	CD	P	K	CDIF
2895	1785	1	$-\frac{u^2w^{2/3}}{-1+v^2}$	CD	P	K	AB
2896	1786	1	$\sqrt{\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}}$	CD	P	K	R
2897	1787	1	$\frac{u^3w}{(1-v^2)^{3/2}}$	CD	P	K	K
2898	1788	1	$e^{\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}}$	CD	P	K	E
2899	1789	1	$\log\left(\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	CD	P	K	L
2900	1790	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	CD	P	K	S
2901	1791	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	CD	P	K	T
2902	1792	1	$\sqrt{\frac{-1+v^2+u^2w^{2/3}}{-1+v^2}}$	CD	P	K	P
2903	1792	2	$\sqrt{\frac{-1+v^2+u^2w^{2/3}}{-1+v^2}}$	CD	H	K	H
2904	1793	1	$\sqrt{-\frac{1-v^2+u^2w^{2/3}}{-1+v^2}}$	CD	P	K	H
2905	1793	2	$\sqrt{-\frac{1-v^2+u^2w^{2/3}}{-1+v^2}}$	CD	H	K	P
2906	1794	1	$\frac{u \ln(w)}{\sqrt{1-v^2}}$	CD	P	E	CD

2907	1794	2	$\frac{u \ln(w)}{\sqrt{1-v^2}}$	CDF	P	E	CDF
2908	1795	1	$\frac{\sqrt{1-v^2}}{u \ln(w)}$	CD	P	E	CDI
2909	1795	2	$\frac{\sqrt{1-v^2}}{u \ln(w)}$	CDF	P	E	CDIF
2910	1796	1	$\frac{u \ln(w) \pi}{\sqrt{1-v^2}}$	CD	P	E	CDF
2911	1797	1	$\frac{\sqrt{1-v^2}}{u \ln(w) \pi}$	CD	P	E	CDIF
2912	1798	1	$-\frac{u^2 (\ln(w))^2}{-1+v^2}$	CD	P	E	AB
2913	1799	1	$\sqrt{\frac{u \ln(w)}{\sqrt{1-v^2}}}$	CD	P	E	R
2914	1800	1	$\frac{u^3 (\ln(w))^3}{(1-v^2)^{3/2}}$	CD	P	E	K
2915	1801	1	$w^{\frac{u}{\sqrt{1-v^2}}}$	CD	P	E	E
2916	1802	1	$\log\left(\frac{u \ln(w)}{\sqrt{1-v^2}}\right)$	CD	P	E	L
2917	1803	1	$\arcsin\left(\frac{u \ln(w)}{\sqrt{1-v^2}}\right)$	CD	P	E	S
2918	1804	1	$\arctan\left(\frac{u \ln(w)}{\sqrt{1-v^2}}\right)$	CD	P	E	T
2919	1805	1	$\sqrt{\frac{-1+v^2+u^2 (\ln(w))^2}{-1+v^2}}$	CD	P	E	P
2920	1805	2	$\sqrt{\frac{-1+v^2+u^2 (\ln(w))^2}{-1+v^2}}$	CD	H	E	H
2921	1806	1	$\sqrt{-\frac{1-v^2+u^2 (\ln(w))^2}{-1+v^2}}$	CD	P	E	H

2922	1806	2	$\sqrt{-\frac{1-v^2+u^2(\ln(w))^2}{-1+v^2}}$	CD	H	E	P
2923	1807	1	$\frac{uExp(w)}{\sqrt{1-v^2}}$	CD	P	L	CD
2924	1807	2	$\frac{uExp(w)}{\sqrt{1-v^2}}$	CDF	P	L	CDF
2925	1808	1	$\frac{\sqrt{1-v^2}}{uExp(w)}$	CD	P	L	CDI
2926	1808	2	$\frac{\sqrt{1-v^2}}{uExp(w)}$	CDF	P	L	CDIF
2927	1809	1	$\frac{uExp(w)\pi}{\sqrt{1-v^2}}$	CD	P	L	CDF
2928	1810	1	$\frac{\sqrt{1-v^2}}{uExp(w)\pi}$	CD	P	L	CDIF
2929	1811	1	$-\frac{u^2(Exp(w))^2}{-1+v^2}$	CD	P	L	AB
2930	1812	1	$\sqrt{\frac{uExp(w)}{\sqrt{1-v^2}}}$	CD	P	L	R
2931	1813	1	$\frac{u^3(Exp(w))^3}{(1-v^2)^{3/2}}$	CD	P	L	K
2932	1814	1	$e^{\frac{uExp(w)}{\sqrt{1-v^2}}}$	CD	P	L	E
2933	1815	1	$\log\left(\frac{uExp(w)}{\sqrt{1-v^2}}\right)$	CD	P	L	L
2934	1816	1	$\arcsin\left(\frac{uExp(w)}{\sqrt{1-v^2}}\right)$	CD	P	L	S
2935	1817	1	$\arctan\left(\frac{uExp(w)}{\sqrt{1-v^2}}\right)$	CD	P	L	T
2936	1818	1	$\sqrt{\frac{-1+v^2+u^2(Exp(w))^2}{-1+v^2}}$	CD	P	L	P

2937	1818	2	$\sqrt{\frac{-1+v^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	CD	H	L	H
2938	1819	1	$\sqrt{-\frac{1-v^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	CD	P	L	H
2939	1819	2	$\sqrt{-\frac{1-v^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	CD	H	L	P
2940	1820	1	$\frac{u \sin(w)}{\sqrt{1-v^2}}$	CD	P	S	CD
2941	1820	2	$\frac{u \sin(w)}{\sqrt{1-v^2}}$	CDF	P	S	CDF
2942	1821	1	$\frac{\sqrt{1-v^2}}{u \sin(w)}$	CD	P	S	CDI
2943	1821	2	$\frac{\sqrt{1-v^2}}{u \sin(w)}$	CDF	P	S	CDIF
2944	1822	1	$\frac{u \sin(w) \pi}{\sqrt{1-v^2}}$	CD	P	S	CDF
2945	1823	1	$\frac{\sqrt{1-v^2}}{u \sin(w) \pi}$	CD	P	S	CDIF
2946	1824	1	$-\frac{u^2(\sin(w))^2}{-1+v^2}$	CD	P	S	AB
2947	1825	1	$\sqrt{\frac{u \sin(w)}{\sqrt{1-v^2}}}$	CD	P	S	R
2948	1826	1	$\frac{u^3(\sin(w))^3}{(1-v^2)^{3/2}}$	CD	P	S	K
2949	1827	1	$e^{\frac{u \sin(w)}{\sqrt{1-v^2}}}$	CD	P	S	E
2950	1828	1	$\log\left(\frac{u \sin(w)}{\sqrt{1-v^2}}\right)$	CD	P	S	L
2951	1829	1	$\arcsin\left(\frac{u \sin(w)}{\sqrt{1-v^2}}\right)$	CD	P	S	S

2952	1830	1	$\arctan\left(\frac{u \sin(w)}{\sqrt{1-v^2}}\right)$	CD	P	S	T
2953	1831	1	$\sqrt{-\frac{1-v^2-u^2+u^2(\cos(w))^2}{-1+v^2}}$	CD	P	S	P
2954	1831	2	$\sqrt{-\frac{1-v^2-u^2+u^2(\cos(w))^2}{-1+v^2}}$	CD	H	S	H
2955	1832	1	$\sqrt{\frac{-1+v^2-u^2+u^2(\cos(w))^2}{-1+v^2}}$	CD	P	S	H
2956	1832	2	$\sqrt{\frac{-1+v^2-u^2+u^2(\cos(w))^2}{-1+v^2}}$	CD	H	S	P
2957	1833	1	$\frac{u \tan(w)}{\sqrt{1-v^2}}$	CD	P	T	CD
2958	1833	2	$\frac{u \tan(w)}{\sqrt{1-v^2}}$	CDF	P	T	CDF
2959	1834	1	$\frac{\sqrt{1-v^2}}{u \tan(w)}$	CD	P	T	CDI
2960	1834	2	$\frac{\sqrt{1-v^2}}{u \tan(w)}$	CDF	P	T	CDIF
2961	1835	1	$\frac{u \tan(w) \pi}{\sqrt{1-v^2}}$	CD	P	T	CDF
2962	1836	1	$\frac{\sqrt{1-v^2}}{u \tan(w) \pi}$	CD	P	T	CDIF
2963	1837	1	$-\frac{u^2(\tan(w))^2}{-1+v^2}$	CD	P	T	AB
2964	1838	1	$\sqrt{\frac{u \tan(w)}{\sqrt{1-v^2}}}$	CD	P	T	R
2965	1839	1	$\frac{u^3(\tan(w))^3}{(1-v^2)^{3/2}}$	CD	P	T	K
2966	1840	1	$e^{\frac{u \tan(w)}{\sqrt{1-v^2}}}$	CD	P	T	E

2967	1841	1	$\log \left(\frac{u \tan(w)}{\sqrt{1-v^2}} \right)$	CD	P	T	L
2968	1842	1	$\arcsin \left(\frac{u \tan(w)}{\sqrt{1-v^2}} \right)$	CD	P	T	S
2969	1843	1	$\arctan \left(\frac{u \tan(w)}{\sqrt{1-v^2}} \right)$	CD	P	T	T
2970	1844	1	$\sqrt{\frac{-1+v^2+u^2(\tan(w))^2}{-1+v^2}}$	CD	P	T	P
2971	1844	2	$\sqrt{\frac{-1+v^2+u^2(\tan(w))^2}{-1+v^2}}$	CD	H	T	H
2972	1845	1	$\sqrt{-\frac{1-v^2+u^2(\tan(w))^2}{-1+v^2}}$	CD	P	T	H
2973	1845	2	$\sqrt{-\frac{1-v^2+u^2(\tan(w))^2}{-1+v^2}}$	CD	H	T	P
2974	1846	1	$\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}$	CD	P	P	CD
2975	1846	2	$\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}$	CDF	P	P	CDF
2976	1847	1	$\frac{\sqrt{1-v^2}}{u\sqrt{1-w^2}}$	CD	P	P	CDI
2977	1847	2	$\frac{\sqrt{1-v^2}}{u\sqrt{1-w^2}}$	CDF	P	P	CDIF
2978	1848	1	$\frac{u\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	CD	P	P	CDF
2979	1849	1	$\frac{\sqrt{1-v^2}}{u\sqrt{1-w^2}\pi}$	CD	P	P	CDIF
2980	1850	1	$\frac{u^2(-1+w^2)}{-1+v^2}$	CD	P	P	AB
2981	1850	2	$\frac{u^2(-1+w^2)}{-1+v^2}$	CD	H	H	AB

2982	1851	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	CD	P	P	R
2983	1852	1	$\frac{u^3(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	CD	P	P	K
2984	1853	1	$e^{\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	CD	P	P	E
2985	1854	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	CD	P	P	L
2986	1855	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	CD	P	P	S
2987	1856	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	CD	P	P	T
2988	1857	1	$\sqrt{-\frac{1-v^2-u^2+u^2w^2}{-1+v^2}}$	CD	P	P	P
2989	1857	2	$\sqrt{-\frac{1-v^2-u^2+u^2w^2}{-1+v^2}}$	CD	P	H	H
2990	1857	3	$\sqrt{-\frac{1-v^2-u^2+u^2w^2}{-1+v^2}}$	CD	H	P	H
2991	1857	4	$\sqrt{-\frac{1-v^2-u^2+u^2w^2}{-1+v^2}}$	CD	H	H	P
2992	1858	1	$\sqrt{\frac{-u^2+u^2w^2-1+v^2}{-1+v^2}}$	CD	P	P	H
2993	1858	2	$\sqrt{\frac{-u^2+u^2w^2-1+v^2}{-1+v^2}}$	CD	P	H	P
2994	1858	3	$\sqrt{\frac{-u^2+u^2w^2-1+v^2}{-1+v^2}}$	CD	H	P	P
2995	1858	4	$\sqrt{\frac{-u^2+u^2w^2-1+v^2}{-1+v^2}}$	CD	H	H	H
2996	1859	1	$\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	CD	P	H	CD

2997	1859	2	$\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	CDF	P	H	CDF
2998	1860	1	$\frac{\sqrt{1-v^2}}{u\sqrt{-1+w^2}}$	CD	P	H	CDI
2999	1860	2	$\frac{\sqrt{1-v^2}}{u\sqrt{-1+w^2}}$	CDF	P	H	CDIF
3000	1861	1	$\frac{u\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	CD	P	H	CDF
3001	1862	1	$\frac{\sqrt{1-v^2}}{u\sqrt{-1+w^2}\pi}$	CD	P	H	CDIF
3002	1863	1	$-\frac{u^2(-1+w^2)}{-1+v^2}$	CD	P	H	AB
3003	1863	2	$-\frac{u^2(-1+w^2)}{-1+v^2}$	CD	H	P	AB
3004	1864	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	CD	P	H	R
3005	1865	1	$\frac{u^3(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	CD	P	H	K
3006	1866	1	$e^{\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	CD	P	H	E
3007	1867	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	CD	P	H	L
3008	1868	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	CD	P	H	S
3009	1869	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	CD	P	H	T
3010	1870	1	$\frac{uw}{\sqrt{-1+v^2}}$	CD	H	CD	CD
3011	1871	1	$\frac{\sqrt{-1+v^2}}{uw}$	CD	H	CD	CDI

3012	1871	2	$\frac{\sqrt{-1+v^2}}{uw}$	CD	H	CDF	CDIF
3013	1871	3	$\frac{\sqrt{-1+v^2}}{uw}$	CDF	H	CD	CDIF
3014	1872	1	$\frac{uw\pi}{\sqrt{-1+v^2}}$	CD	H	CD	CDF
3015	1873	1	$\frac{\sqrt{-1+v^2}}{uw\pi}$	CD	H	CD	CDIF
3016	1874	1	$\frac{u^2w^2}{-1+v^2}$	CD	H	CD	AB
3017	1875	1	$\sqrt{\frac{uw}{\sqrt{-1+v^2}}}$	CD	H	CD	R
3018	1876	1	$\frac{u^3w^3}{(-1+v^2)^{3/2}}$	CD	H	CD	K
3019	1877	1	$e^{\frac{uw}{\sqrt{-1+v^2}}}$	CD	H	CD	E
3020	1878	1	$\log\left(\frac{uw}{\sqrt{-1+v^2}}\right)$	CD	H	CD	L
3021	1879	1	$\arcsin\left(\frac{uw}{\sqrt{-1+v^2}}\right)$	CD	H	CD	S
3022	1880	1	$\arctan\left(\frac{uw}{\sqrt{-1+v^2}}\right)$	CD	H	CD	T
3023	1881	1	$\frac{u}{\sqrt{-1+v^2}w}$	CD	H	CDI	CD
3024	1882	1	$\frac{\sqrt{-1+v^2}w}{u}$	CD	H	CDI	CDI
3025	1882	2	$\frac{\sqrt{-1+v^2}w}{u}$	CD	H	CDIF	CDIF
3026	1882	3	$\frac{\sqrt{-1+v^2}w}{u}$	CDF	H	CDI	CDIF
3027	1883	1	$\frac{u\pi}{\sqrt{-1+v^2}w}$	CD	H	CDI	CDF

3028	1884	1	$\frac{\sqrt{-1+v^2}w}{u\pi}$	CD	H	CDI	CDIF
3029	1885	1	$\frac{u^2}{w^2(-1+v^2)}$	CD	H	CDI	AB
3030	1886	1	$\sqrt{\frac{u}{\sqrt{-1+v^2}w}}$	CD	H	CDI	R
3031	1887	1	$\frac{u^3}{(-1+v^2)^{3/2}w^3}$	CD	H	CDI	K
3032	1888	1	$e^{\frac{u}{\sqrt{-1+v^2}w}}$	CD	H	CDI	E
3033	1889	1	$\log\left(\frac{u}{\sqrt{-1+v^2}w}\right)$	CD	H	CDI	L
3034	1890	1	$\arcsin\left(\frac{u}{\sqrt{-1+v^2}w}\right)$	CD	H	CDI	S
3035	1891	1	$\arctan\left(\frac{u}{\sqrt{-1+v^2}w}\right)$	CD	H	CDI	T
3036	1892	1	$\frac{uw}{\sqrt{-1+v^2}\pi}$	CD	H	CDF	CD
3037	1892	2	$\frac{uw}{\sqrt{-1+v^2}\pi}$	CDF	H	CD	CD
3038	1893	1	$\frac{\sqrt{-1+v^2}\pi}{uw}$	CD	H	CDF	CDI
3039	1893	2	$\frac{\sqrt{-1+v^2}\pi}{uw}$	CDF	H	CD	CDI
3040	1893	3	$\frac{\sqrt{-1+v^2}\pi}{uw}$	CDF	H	CDF	CDIF
3041	1894	1	$\frac{uw}{\sqrt{(v-1)(v+1)}}$	CD	H	CDF	CDF
3042	1894	2	$\frac{uw}{\sqrt{(v-1)(v+1)}}$	CDF	H	CD	CDF
3043	1895	1	$\frac{u^2w^2}{\pi^2(-1+v^2)}$	CD	H	CDF	AB
3044	1895	2	$\frac{u^2w^2}{\pi^2(-1+v^2)}$	CDF	H	CD	AB

3045	1896	1	$\sqrt{\frac{uw}{\sqrt{-1+v^2}\pi}}$	CD	H	CDF	R
3046	1896	2	$\sqrt{\frac{uw}{\sqrt{-1+v^2}\pi}}$	CDF	H	CD	R
3047	1897	1	$\frac{u^3w^3}{(-1+v^2)^{3/2}\pi^3}$	CD	H	CDF	K
3048	1897	2	$\frac{u^3w^3}{(-1+v^2)^{3/2}\pi^3}$	CDF	H	CD	K
3049	1898	1	$e^{\frac{uw}{\sqrt{-1+v^2}\pi}}$	CD	H	CDF	E
3050	1898	2	$e^{\frac{uw}{\sqrt{-1+v^2}\pi}}$	CDF	H	CD	E
3051	1899	1	$\log\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CD	H	CDF	L
3052	1899	2	$\log\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CDF	H	CD	L
3053	1900	1	$\arcsin\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CD	H	CDF	S
3054	1900	2	$\arcsin\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CDF	H	CD	S
3055	1901	1	$\arctan\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CD	H	CDF	T
3056	1901	2	$\arctan\left(\frac{uw}{\sqrt{-1+v^2}\pi}\right)$	CDF	H	CD	T
3057	1902	1	$\frac{u}{\sqrt{-1+v^2}w\pi}$	CD	H	CDIF	CD
3058	1902	2	$\frac{u}{\sqrt{-1+v^2}w\pi}$	CDF	H	CDI	CD
3059	1903	1	$\frac{\sqrt{-1+v^2}w\pi}{u}$	CD	H	CDIF	CDI
3060	1903	2	$\frac{\sqrt{-1+v^2}w\pi}{u}$	CDF	H	CDI	CDI
3061	1903	3	$\frac{\sqrt{-1+v^2}w\pi}{u}$	CDF	H	CDIF	CDIF

3062	1904	1	$\frac{u}{\sqrt{(v-1)(v+1)w}}$	CD	H	CDIF	CDF
3063	1904	2	$\frac{u}{\sqrt{(v-1)(v+1)w}}$	CDF	H	CDI	CDF
3064	1905	1	$\frac{u^2}{w^2\pi^2(-1+v^2)}$	CD	H	CDIF	AB
3065	1905	2	$\frac{u^2}{w^2\pi^2(-1+v^2)}$	CDF	H	CDI	AB
3066	1906	1	$\sqrt{\frac{u}{\sqrt{-1+v^2}w\pi}}$	CD	H	CDIF	R
3067	1906	2	$\sqrt{\frac{u}{\sqrt{-1+v^2}w\pi}}$	CDF	H	CDI	R
3068	1907	1	$\frac{u^3}{(-1+v^2)^{3/2}w^3\pi^3}$	CD	H	CDIF	K
3069	1907	2	$\frac{u^3}{(-1+v^2)^{3/2}w^3\pi^3}$	CDF	H	CDI	K
3070	1908	1	$e^{\frac{u}{\sqrt{-1+v^2}w\pi}}$	CD	H	CDIF	E
3071	1908	2	$e^{\frac{u}{\sqrt{-1+v^2}w\pi}}$	CDF	H	CDI	E
3072	1909	1	$\log\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CD	H	CDIF	L
3073	1909	2	$\log\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CDF	H	CDI	L
3074	1910	1	$\arcsin\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CD	H	CDIF	S
3075	1910	2	$\arcsin\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CDF	H	CDI	S
3076	1911	1	$\arctan\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CD	H	CDIF	T
3077	1911	2	$\arctan\left(\frac{u}{\sqrt{-1+v^2}w\pi}\right)$	CDF	H	CDI	T
3078	1912	1	$\frac{u\sqrt{w}}{\sqrt{-1+v^2}}$	CD	H	AB	CD
3079	1912	2	$\frac{u\sqrt{w}}{\sqrt{-1+v^2}}$	CDF	H	AB	CDF

3080	1913	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{w}}$	CD	H	AB	CDI
3081	1913	2	$\frac{\sqrt{-1+v^2}}{u\sqrt{w}}$	CDF	H	AB	CDIF
3082	1914	1	$\frac{u\sqrt{w}\pi}{\sqrt{-1+v^2}}$	CD	H	AB	CDF
3083	1915	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{w}\pi}$	CD	H	AB	CDIF
3084	1916	1	$\frac{u^2w}{-1+v^2}$	CD	H	AB	AB
3085	1917	1	$\sqrt{\frac{u\sqrt{w}}{\sqrt{-1+v^2}}}$	CD	H	AB	R
3086	1918	1	$\frac{u^3w^{3/2}}{(-1+v^2)^{3/2}}$	CD	H	AB	K
3087	1919	1	$e^{\frac{u\sqrt{w}}{\sqrt{-1+v^2}}}$	CD	H	AB	E
3088	1920	1	$\log\left(\frac{u\sqrt{w}}{\sqrt{-1+v^2}}\right)$	CD	H	AB	L
3089	1921	1	$\arcsin\left(\frac{u\sqrt{w}}{\sqrt{-1+v^2}}\right)$	CD	H	AB	S
3090	1922	1	$\arctan\left(\frac{u\sqrt{w}}{\sqrt{-1+v^2}}\right)$	CD	H	AB	T
3091	1923	1	$\frac{uw^2}{\sqrt{(v-1)(v+1)}}$	CD	H	R	CD
3092	1923	2	$\frac{uw^2}{\sqrt{(v-1)(v+1)}}$	CDF	H	R	CDF
3093	1924	1	$\frac{\sqrt{-1+v^2}}{uw^2}$	CD	H	R	CDI
3094	1924	2	$\frac{\sqrt{-1+v^2}}{uw^2}$	CDF	H	R	CDIF

3095	1925	1	$\frac{uw^2\pi}{\sqrt{(v-1)(v+1)}}$	CD	H	R	CDF
3096	1926	1	$\frac{\sqrt{-1+v^2}}{uw^2\pi}$	CD	H	R	CDIF
3097	1927	1	$\frac{u^2w^4}{-1+v^2}$	CD	H	R	AB
3098	1928	1	$\sqrt{\frac{uw^2}{\sqrt{(v-1)(v+1)}}}$	CD	H	R	R
3099	1929	1	$\frac{u^3w^6}{(-1+v^2)^{3/2}}$	CD	H	R	K
3100	1930	1	$e^{\frac{uw^2}{\sqrt{(v-1)(v+1)}}}$	CD	H	R	E
3101	1931	1	$\log\left(\frac{uw^2}{\sqrt{(v-1)(v+1)}}\right)$	CD	H	R	L
3102	1932	1	$\arcsin\left(\frac{uw^2}{\sqrt{(v-1)(v+1)}}\right)$	CD	H	R	S
3103	1933	1	$\arctan\left(\frac{uw^2}{\sqrt{(v-1)(v+1)}}\right)$	CD	H	R	T
3104	1934	1	$\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}$	CD	H	K	CD
3105	1934	2	$\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}$	CDF	H	K	CDF
3106	1935	1	$\frac{\sqrt{-1+v^2}}{u\sqrt[3]{w}}$	CD	H	K	CDI
3107	1935	2	$\frac{\sqrt{-1+v^2}}{u\sqrt[3]{w}}$	CDF	H	K	CDIF
3108	1936	1	$\frac{u\sqrt[3]{w}\pi}{\sqrt{-1+v^2}}$	CD	H	K	CDF

3109	1937	1	$\frac{\sqrt{-1+v^2}}{u\sqrt[3]{w\pi}}$	CD	H	K	CDIF
3110	1938	1	$\frac{u^2w^{2/3}}{-1+v^2}$	CD	H	K	AB
3111	1939	1	$\sqrt{\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	CD	H	K	R
3112	1940	1	$\frac{u^3w}{(-1+v^2)^{3/2}}$	CD	H	K	K
3113	1941	1	$e^{\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	CD	H	K	E
3114	1942	1	$\log\left(\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	CD	H	K	L
3115	1943	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	CD	H	K	S
3116	1944	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	CD	H	K	T
3117	1945	1	$\frac{u\ln(w)}{\sqrt{-1+v^2}}$	CD	H	E	CD
3118	1945	2	$\frac{u\ln(w)}{\sqrt{-1+v^2}}$	CDF	H	E	CDF
3119	1946	1	$\frac{\sqrt{-1+v^2}}{u\ln(w)}$	CD	H	E	CDI
3120	1946	2	$\frac{\sqrt{-1+v^2}}{u\ln(w)}$	CDF	H	E	CDIF
3121	1947	1	$\frac{u\ln(w)\pi}{\sqrt{-1+v^2}}$	CD	H	E	CDF
3122	1948	1	$\frac{\sqrt{-1+v^2}}{u\ln(w)\pi}$	CD	H	E	CDIF
3123	1949	1	$\frac{u^2(\ln(w))^2}{-1+v^2}$	CD	H	E	AB

3124	1950	1	$\sqrt{\frac{u \ln(w)}{\sqrt{-1+v^2}}}$	CD	H	E	R
3125	1951	1	$\frac{u^3 (\ln(w))^3}{(-1+v^2)^{3/2}}$	CD	H	E	K
3126	1952	1	$w^{\frac{u}{\sqrt{-1+v^2}}}$	CD	H	E	E
3127	1953	1	$\log\left(\frac{u \ln(w)}{\sqrt{-1+v^2}}\right)$	CD	H	E	L
3128	1954	1	$\arcsin\left(\frac{u \ln(w)}{\sqrt{-1+v^2}}\right)$	CD	H	E	S
3129	1955	1	$\arctan\left(\frac{u \ln(w)}{\sqrt{-1+v^2}}\right)$	CD	H	E	T
3130	1956	1	$\frac{u \text{Exp}(w)}{\sqrt{-1+v^2}}$	CD	H	L	CD
3131	1956	2	$\frac{u \text{Exp}(w)}{\sqrt{-1+v^2}}$	CDF	H	L	CDF
3132	1957	1	$\frac{\sqrt{-1+v^2}}{u \text{Exp}(w)}$	CD	H	L	CDI
3133	1957	2	$\frac{\sqrt{-1+v^2}}{u \text{Exp}(w)}$	CDF	H	L	CDIF
3134	1958	1	$\frac{u \text{Exp}(w) \pi}{\sqrt{-1+v^2}}$	CD	H	L	CDF
3135	1959	1	$\frac{\sqrt{-1+v^2}}{u \text{Exp}(w) \pi}$	CD	H	L	CDIF
3136	1960	1	$\frac{u^2 (\text{Exp}(w))^2}{-1+v^2}$	CD	H	L	AB
3137	1961	1	$\sqrt{\frac{u \text{Exp}(w)}{\sqrt{-1+v^2}}}$	CD	H	L	R
3138	1962	1	$\frac{u^3 (\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	CD	H	L	K

3139	1963	1	$e^{\frac{uExp(w)}{\sqrt{-1+v^2}}}$	CD	H	L	E
3140	1964	1	$\log\left(\frac{uExp(w)}{\sqrt{-1+v^2}}\right)$	CD	H	L	L
3141	1965	1	$\arcsin\left(\frac{uExp(w)}{\sqrt{-1+v^2}}\right)$	CD	H	L	S
3142	1966	1	$\arctan\left(\frac{uExp(w)}{\sqrt{-1+v^2}}\right)$	CD	H	L	T
3143	1967	1	$\frac{u \sin(w)}{\sqrt{-1+v^2}}$	CD	H	S	CD
3144	1967	2	$\frac{u \sin(w)}{\sqrt{-1+v^2}}$	CDF	H	S	CDF
3145	1968	1	$\frac{\sqrt{-1+v^2}}{u \sin(w)}$	CD	H	S	CDI
3146	1968	2	$\frac{\sqrt{-1+v^2}}{u \sin(w)}$	CDF	H	S	CDIF
3147	1969	1	$\frac{u \sin(w) \pi}{\sqrt{-1+v^2}}$	CD	H	S	CDF
3148	1970	1	$\frac{\sqrt{-1+v^2}}{u \sin(w) \pi}$	CD	H	S	CDIF
3149	1971	1	$\frac{u^2 (\sin(w))^2}{-1+v^2}$	CD	H	S	AB
3150	1972	1	$\sqrt{\frac{u \sin(w)}{\sqrt{-1+v^2}}}$	CD	H	S	R
3151	1973	1	$\frac{u^3 (\sin(w))^3}{(-1+v^2)^{3/2}}$	CD	H	S	K
3152	1974	1	$e^{\frac{u \sin(w)}{\sqrt{-1+v^2}}}$	CD	H	S	E
3153	1975	1	$\log\left(\frac{u \sin(w)}{\sqrt{-1+v^2}}\right)$	CD	H	S	L

3154	1976	1	$\arcsin\left(\frac{u \sin(w)}{\sqrt{-1+v^2}}\right)$	CD	H	S	S
3155	1977	1	$\arctan\left(\frac{u \sin(w)}{\sqrt{-1+v^2}}\right)$	CD	H	S	T
3156	1978	1	$\frac{u \tan(w)}{\sqrt{-1+v^2}}$	CD	H	T	CD
3157	1978	2	$\frac{u \tan(w)}{\sqrt{-1+v^2}}$	CDF	H	T	CDF
3158	1979	1	$\frac{\sqrt{-1+v^2}}{u \tan(w)}$	CD	H	T	CDI
3159	1979	2	$\frac{\sqrt{-1+v^2}}{u \tan(w)}$	CDF	H	T	CDIF
3160	1980	1	$\frac{u \tan(w) \pi}{\sqrt{-1+v^2}}$	CD	H	T	CDF
3161	1981	1	$\frac{\sqrt{-1+v^2}}{u \tan(w) \pi}$	CD	H	T	CDIF
3162	1982	1	$\frac{u^2 (\tan(w))^2}{-1+v^2}$	CD	H	T	AB
3163	1983	1	$\sqrt{\frac{u \tan(w)}{\sqrt{-1+v^2}}}$	CD	H	T	R
3164	1984	1	$\frac{u^3 (\tan(w))^3}{(-1+v^2)^{3/2}}$	CD	H	T	K
3165	1985	1	$e^{\frac{u \tan(w)}{\sqrt{-1+v^2}}}$	CD	H	T	E
3166	1986	1	$\log\left(\frac{u \tan(w)}{\sqrt{-1+v^2}}\right)$	CD	H	T	L
3167	1987	1	$\arcsin\left(\frac{u \tan(w)}{\sqrt{-1+v^2}}\right)$	CD	H	T	S
3168	1988	1	$\arctan\left(\frac{u \tan(w)}{\sqrt{-1+v^2}}\right)$	CD	H	T	T

3169	1989	1	$\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}$	CD	H	P	CD
3170	1989	2	$\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}$	CDF	H	P	CDF
3171	1990	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{1-w^2}}$	CD	H	P	CDI
3172	1990	2	$\frac{\sqrt{-1+v^2}}{u\sqrt{1-w^2}}$	CDF	H	P	CDIF
3173	1991	1	$\frac{u\sqrt{1-w^2}\pi}{\sqrt{-1+v^2}}$	CD	H	P	CDF
3174	1992	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{1-w^2}\pi}$	CD	H	P	CDIF
3175	1993	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	CD	H	P	R
3176	1994	1	$\frac{u^3(1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	CD	H	P	K
3177	1995	1	$e^{\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	CD	H	P	E
3178	1996	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	P	L
3179	1997	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	P	S
3180	1998	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	P	T
3181	1999	1	$\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	CD	H	H	CD
3182	1999	2	$\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	CDF	H	H	CDF
3183	2000	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{-1+w^2}}$	CD	H	H	CDI

3184	2000	2	$\frac{\sqrt{-1+v^2}}{u\sqrt{-1+w^2}}$	CDF	H	H	CDIF
3185	2001	1	$\frac{u\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	CD	H	H	CDF
3186	2002	1	$\frac{\sqrt{-1+v^2}}{u\sqrt{-1+w^2}\pi}$	CD	H	H	CDIF
3187	2003	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	CD	H	H	R
3188	2004	1	$\frac{u^3(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	CD	H	H	K
3189	2005	1	$e^{\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	CD	H	H	E
3190	2006	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	H	L
3191	2007	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	H	S
3192	2008	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	CD	H	H	T
3193	2009	1	$\frac{w^2}{u^2v^2}$	CDI	CD	CD	AB
3194	2009	2	$\frac{w^2}{u^2v^2}$	CDI	CDF	CDF	AB
3195	2009	3	$\frac{w^2}{u^2v^2}$	CDIF	CDF	CD	AB
3196	2010	1	$\sqrt{\frac{w}{uv}}$	CDI	CD	CD	R
3197	2010	2	$\sqrt{\frac{w}{uv}}$	CDI	CDF	CDF	R
3198	2010	3	$\sqrt{\frac{w}{uv}}$	CDIF	CDF	CD	R

3199	2011	1	$\frac{w^3}{u^3v^3}$	CDI	CD	CD	K
3200	2011	2	$\frac{w^3}{u^3v^3}$	CDI	CDF	CDF	K
3201	2011	3	$\frac{w^3}{u^3v^3}$	CDIF	CDF	CD	K
3202	2012	1	$e^{\frac{w}{uv}}$	CDI	CD	CD	E
3203	2012	2	$e^{\frac{w}{uv}}$	CDI	CDF	CDF	E
3204	2012	3	$e^{\frac{w}{uv}}$	CDIF	CDF	CD	E
3205	2013	1	$\log\left(\frac{w}{uv}\right)$	CDI	CD	CD	L
3206	2013	2	$\log\left(\frac{w}{uv}\right)$	CDI	CDF	CDF	L
3207	2013	3	$\log\left(\frac{w}{uv}\right)$	CDIF	CDF	CD	L
3208	2014	1	$\arcsin\left(\frac{w}{uv}\right)$	CDI	CD	CD	S
3209	2014	2	$\arcsin\left(\frac{w}{uv}\right)$	CDI	CDF	CDF	S
3210	2014	3	$\arcsin\left(\frac{w}{uv}\right)$	CDIF	CDF	CD	S
3211	2015	1	$\arctan\left(\frac{w}{uv}\right)$	CDI	CD	CD	T
3212	2015	2	$\arctan\left(\frac{w}{uv}\right)$	CDI	CDF	CDF	T
3213	2015	3	$\arctan\left(\frac{w}{uv}\right)$	CDIF	CDF	CD	T
3214	2016	1	$\sqrt{\frac{-w^2 + u^2v^2}{u^2v^2}}$	CDI	CD	CD	P
3215	2016	2	$\sqrt{\frac{-w^2 + u^2v^2}{u^2v^2}}$	CDI	CDF	CDF	P
3216	2016	3	$\sqrt{\frac{-w^2 + u^2v^2}{u^2v^2}}$	CDIF	CDF	CD	P
3217	2017	1	$\sqrt{\frac{w^2 + u^2v^2}{u^2v^2}}$	CDI	CD	CD	H
3218	2017	2	$\sqrt{\frac{w^2 + u^2v^2}{u^2v^2}}$	CDI	CDF	CDF	H

3219	2017	3	$\sqrt{\frac{w^2 + u^2 v^2}{u^2 v^2}}$	CDIF	CDF	CD	H
3220	2018	1	$\frac{1}{u^2 v^2 w^2}$	CDI	CD	CDI	AB
3221	2018	2	$\frac{1}{u^2 v^2 w^2}$	CDI	CDF	CDIF	AB
3222	2018	3	$\frac{1}{u^2 v^2 w^2}$	CDIF	CDF	CDI	AB
3223	2019	1	$\sqrt{\frac{1}{uvw}}$	CDI	CD	CDI	R
3224	2019	2	$\sqrt{\frac{1}{uvw}}$	CDI	CDF	CDIF	R
3225	2019	3	$\sqrt{\frac{1}{uvw}}$	CDIF	CDF	CDI	R
3226	2020	1	$\frac{1}{u^3 v^3 w^3}$	CDI	CD	CDI	K
3227	2020	2	$\frac{1}{u^3 v^3 w^3}$	CDI	CDF	CDIF	K
3228	2020	3	$\frac{1}{u^3 v^3 w^3}$	CDIF	CDF	CDI	K
3229	2021	1	$e^{\frac{1}{uvw}}$	CDI	CD	CDI	E
3230	2021	2	$e^{\frac{1}{uvw}}$	CDI	CDF	CDIF	E
3231	2021	3	$e^{\frac{1}{uvw}}$	CDIF	CDF	CDI	E
3232	2022	1	$\log\left(\frac{1}{uvw}\right)$	CDI	CD	CDI	L
3233	2022	2	$\log\left(\frac{1}{uvw}\right)$	CDI	CDF	CDIF	L
3234	2022	3	$\log\left(\frac{1}{uvw}\right)$	CDIF	CDF	CDI	L
3235	2023	1	$\arcsin\left(\frac{1}{uvw}\right)$	CDI	CD	CDI	S
3236	2023	2	$\arcsin\left(\frac{1}{uvw}\right)$	CDI	CDF	CDIF	S
3237	2023	3	$\arcsin\left(\frac{1}{uvw}\right)$	CDIF	CDF	CDI	S

3238	2024	1	$\arctan\left(\frac{1}{uvw}\right)$	CDI	CD	CDI	T
3239	2024	2	$\arctan\left(\frac{1}{uvw}\right)$	CDI	CDF	CDIF	T
3240	2024	3	$\arctan\left(\frac{1}{uvw}\right)$	CDIF	CDF	CDI	T
3241	2025	1	$\sqrt{\frac{u^2v^2w^2-1}{u^2v^2w^2}}$	CDI	CD	CDI	P
3242	2025	2	$\sqrt{\frac{u^2v^2w^2-1}{u^2v^2w^2}}$	CDI	CDF	CDIF	P
3243	2025	3	$\sqrt{\frac{u^2v^2w^2-1}{u^2v^2w^2}}$	CDIF	CDF	CDI	P
3244	2026	1	$\sqrt{\frac{1+u^2v^2w^2}{u^2v^2w^2}}$	CDI	CD	CDI	H
3245	2026	2	$\sqrt{\frac{1+u^2v^2w^2}{u^2v^2w^2}}$	CDI	CDF	CDIF	H
3246	2026	3	$\sqrt{\frac{1+u^2v^2w^2}{u^2v^2w^2}}$	CDIF	CDF	CDI	H
3247	2027	1	$\frac{w^2}{u^2v^2\pi^2}$	CDI	CD	CDF	AB
3248	2027	2	$\frac{w^2}{u^2v^2\pi^2}$	CDIF	CD	CD	AB
3249	2027	3	$\frac{w^2}{u^2v^2\pi^2}$	CDIF	CDF	CDF	AB
3250	2028	1	$\sqrt{\frac{w}{uv\pi}}$	CDI	CD	CDF	R
3251	2028	2	$\sqrt{\frac{w}{uv\pi}}$	CDIF	CD	CD	R
3252	2028	3	$\sqrt{\frac{w}{uv\pi}}$	CDIF	CDF	CDF	R
3253	2029	1	$\frac{w^3}{u^3v^3\pi^3}$	CDI	CD	CDF	K
3254	2029	2	$\frac{w^3}{u^3v^3\pi^3}$	CDIF	CD	CD	K

3255	2029	3	$\frac{w^3}{u^3v^3\pi^3}$	CDIF	CDF	CDF	K
3256	2030	1	$e^{\frac{w}{uv\pi}}$	CDI	CD	CDF	E
3257	2030	2	$e^{\frac{w}{uv\pi}}$	CDIF	CD	CD	E
3258	2030	3	$e^{\frac{w}{uv\pi}}$	CDIF	CDF	CDF	E
3259	2031	1	$\log\left(\frac{w}{uv\pi}\right)$	CDI	CD	CDF	L
3260	2031	2	$\log\left(\frac{w}{uv\pi}\right)$	CDIF	CD	CD	L
3261	2031	3	$\log\left(\frac{w}{uv\pi}\right)$	CDIF	CDF	CDF	L
3262	2032	1	$\arcsin\left(\frac{w}{uv\pi}\right)$	CDI	CD	CDF	S
3263	2032	2	$\arcsin\left(\frac{w}{uv\pi}\right)$	CDIF	CD	CD	S
3264	2032	3	$\arcsin\left(\frac{w}{uv\pi}\right)$	CDIF	CDF	CDF	S
3265	2033	1	$\arctan\left(\frac{w}{uv\pi}\right)$	CDI	CD	CDF	T
3266	2033	2	$\arctan\left(\frac{w}{uv\pi}\right)$	CDIF	CD	CD	T
3267	2033	3	$\arctan\left(\frac{w}{uv\pi}\right)$	CDIF	CDF	CDF	T
3268	2034	1	$\sqrt{\frac{-w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDI	CD	CDF	P
3269	2034	2	$\sqrt{\frac{-w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDIF	CD	CD	P
3270	2034	3	$\sqrt{\frac{-w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDIF	CDF	CDF	P
3271	2035	1	$\sqrt{\frac{w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDI	CD	CDF	H
3272	2035	2	$\sqrt{\frac{w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDIF	CD	CD	H
3273	2035	3	$\sqrt{\frac{w^2 + u^2v^2\pi^2}{u^2v^2\pi^2}}$	CDIF	CDF	CDF	H
3274	2036	1	$\frac{1}{u^2v^2w^2\pi^2}$	CDI	CD	CDIF	AB

3275	2036	2	$\frac{1}{u^2 v^2 w^2 \pi^2}$	CDIF	CD	CDI	AB
3276	2036	3	$\frac{1}{u^2 v^2 w^2 \pi^2}$	CDIF	CDF	CDIF	AB
3277	2037	1	$\sqrt{\frac{1}{uvw\pi}}$	CDI	CD	CDIF	R
3278	2037	2	$\sqrt{\frac{1}{uvw\pi}}$	CDIF	CD	CDI	R
3279	2037	3	$\sqrt{\frac{1}{uvw\pi}}$	CDIF	CDF	CDIF	R
3280	2038	1	$\frac{1}{u^3 v^3 w^3 \pi^3}$	CDI	CD	CDIF	K
3281	2038	2	$\frac{1}{u^3 v^3 w^3 \pi^3}$	CDIF	CD	CDI	K
3282	2038	3	$\frac{1}{u^3 v^3 w^3 \pi^3}$	CDIF	CDF	CDIF	K
3283	2039	1	$e^{\frac{1}{uvw\pi}}$	CDI	CD	CDIF	E
3284	2039	2	$e^{\frac{1}{uvw\pi}}$	CDIF	CD	CDI	E
3285	2039	3	$e^{\frac{1}{uvw\pi}}$	CDIF	CDF	CDIF	E
3286	2040	1	$\log\left(\frac{1}{uvw\pi}\right)$	CDI	CD	CDIF	L
3287	2040	2	$\log\left(\frac{1}{uvw\pi}\right)$	CDIF	CD	CDI	L
3288	2040	3	$\log\left(\frac{1}{uvw\pi}\right)$	CDIF	CDF	CDIF	L
3289	2041	1	$\arcsin\left(\frac{1}{uvw\pi}\right)$	CDI	CD	CDIF	S
3290	2041	2	$\arcsin\left(\frac{1}{uvw\pi}\right)$	CDIF	CD	CDI	S
3291	2041	3	$\arcsin\left(\frac{1}{uvw\pi}\right)$	CDIF	CDF	CDIF	S
3292	2042	1	$\arctan\left(\frac{1}{uvw\pi}\right)$	CDI	CD	CDIF	T
3293	2042	2	$\arctan\left(\frac{1}{uvw\pi}\right)$	CDIF	CD	CDI	T

3294	2042	3	$\arctan\left(\frac{1}{uvw\pi}\right)$	CDIF	CDF	CDIF	T
3295	2043	1	$\sqrt{\frac{u^2v^2w^2\pi^2-1}{u^2v^2w^2\pi^2}}$	CDI	CD	CDIF	P
3296	2043	2	$\sqrt{\frac{u^2v^2w^2\pi^2-1}{u^2v^2w^2\pi^2}}$	CDIF	CD	CDI	P
3297	2043	3	$\sqrt{\frac{u^2v^2w^2\pi^2-1}{u^2v^2w^2\pi^2}}$	CDIF	CDF	CDIF	P
3298	2044	1	$\sqrt{\frac{1+u^2v^2w^2\pi^2}{u^2v^2w^2\pi^2}}$	CDI	CD	CDIF	H
3299	2044	2	$\sqrt{\frac{1+u^2v^2w^2\pi^2}{u^2v^2w^2\pi^2}}$	CDIF	CD	CDI	H
3300	2044	3	$\sqrt{\frac{1+u^2v^2w^2\pi^2}{u^2v^2w^2\pi^2}}$	CDIF	CDF	CDIF	H
3301	2045	1	$\frac{\sqrt{w}}{uv}$	CDI	CD	AB	CD
3302	2045	2	$\frac{\sqrt{w}}{uv}$	CDIF	CD	AB	CDF
3303	2045	3	$\frac{\sqrt{w}}{uv}$	CDIF	CDF	AB	CD
3304	2046	1	$\frac{uv}{\sqrt{w}}$	CDI	CD	AB	CDI
3305	2046	2	$\frac{uv}{\sqrt{w}}$	CDIF	CD	AB	CDIF
3306	2046	3	$\frac{uv}{\sqrt{w}}$	CDIF	CDF	AB	CDI
3307	2047	1	$\frac{\sqrt{w}\pi}{uv}$	CDI	CD	AB	CDF
3308	2047	2	$\frac{\sqrt{w}\pi}{uv}$	CDI	CDF	AB	CD
3309	2047	3	$\frac{\sqrt{w}\pi}{uv}$	CDIF	CDF	AB	CDF
3310	2048	1	$\frac{uv}{\sqrt{w}\pi}$	CDI	CD	AB	CDIF
3311	2048	2	$\frac{uv}{\sqrt{w}\pi}$	CDI	CDF	AB	CDI

3312	2048	3	$\frac{uv}{\sqrt{w\pi}}$	CDIF	CDF	AB	CDIF
3313	2049	1	$\frac{w}{u^2v^2}$	CDI	CD	AB	AB
3314	2049	2	$\frac{w}{u^2v^2}$	CDIF	CDF	AB	AB
3315	2050	1	$\sqrt{\frac{\sqrt{w}}{uv}}$	CDI	CD	AB	R
3316	2050	2	$\sqrt{\frac{\sqrt{w}}{uv}}$	CDIF	CDF	AB	R
3317	2051	1	$\frac{w^{3/2}}{u^3v^3}$	CDI	CD	AB	K
3318	2051	2	$\frac{w^{3/2}}{u^3v^3}$	CDIF	CDF	AB	K
3319	2052	1	$e^{\frac{\sqrt{w}}{uv}}$	CDI	CD	AB	E
3320	2052	2	$e^{\frac{\sqrt{w}}{uv}}$	CDIF	CDF	AB	E
3321	2053	1	$\log\left(\frac{\sqrt{w}}{uv}\right)$	CDI	CD	AB	L
3322	2053	2	$\log\left(\frac{\sqrt{w}}{uv}\right)$	CDIF	CDF	AB	L
3323	2054	1	$\arcsin\left(\frac{\sqrt{w}}{uv}\right)$	CDI	CD	AB	S
3324	2054	2	$\arcsin\left(\frac{\sqrt{w}}{uv}\right)$	CDIF	CDF	AB	S
3325	2055	1	$\arctan\left(\frac{\sqrt{w}}{uv}\right)$	CDI	CD	AB	T
3326	2055	2	$\arctan\left(\frac{\sqrt{w}}{uv}\right)$	CDIF	CDF	AB	T
3327	2056	1	$\sqrt{\frac{u^2v^2 - w}{u^2v^2}}$	CDI	CD	AB	P
3328	2056	2	$\sqrt{\frac{u^2v^2 - w}{u^2v^2}}$	CDIF	CDF	AB	P

3329	2057	1	$\sqrt{\frac{u^2v^2 + w}{u^2v^2}}$	CDI	CD	AB	H
3330	2057	2	$\sqrt{\frac{u^2v^2 + w}{u^2v^2}}$	CDIF	CDF	AB	H
3331	2058	1	$\frac{w^2}{uv}$	CDI	CD	R	CD
3332	2058	2	$\frac{w^2}{uv}$	CDIF	CD	R	CDF
3333	2058	3	$\frac{w^2}{uv}$	CDIF	CDF	R	CD
3334	2059	1	$\frac{uv}{w^2}$	CDI	CD	R	CDI
3335	2059	2	$\frac{uv}{w^2}$	CDIF	CD	R	CDIF
3336	2059	3	$\frac{uv}{w^2}$	CDIF	CDF	R	CDI
3337	2060	1	$\frac{w^2\pi}{uv}$	CDI	CD	R	CDF
3338	2060	2	$\frac{w^2\pi}{uv}$	CDI	CDF	R	CD
3339	2060	3	$\frac{w^2\pi}{uv}$	CDIF	CDF	R	CDF
3340	2061	1	$\frac{uv}{w^2\pi}$	CDI	CD	R	CDIF
3341	2061	2	$\frac{uv}{w^2\pi}$	CDI	CDF	R	CDI
3342	2061	3	$\frac{uv}{w^2\pi}$	CDIF	CDF	R	CDIF
3343	2062	1	$\frac{w^4}{u^2v^2}$	CDI	CD	R	AB
3344	2062	2	$\frac{w^4}{u^2v^2}$	CDIF	CDF	R	AB
3345	2063	1	$\sqrt{\frac{w^2}{uv}}$	CDI	CD	R	R
3346	2063	2	$\sqrt{\frac{w^2}{uv}}$	CDIF	CDF	R	R
3347	2064	1	$\frac{w^6}{u^3v^3}$	CDI	CD	R	K

3348	2064	2	$\frac{w^6}{u^3v^3}$	CDIF	CDF	R	K
3349	2065	1	$e^{\frac{w^2}{uv}}$	CDI	CD	R	E
3350	2065	2	$e^{\frac{w^2}{uv}}$	CDIF	CDF	R	E
3351	2066	1	$\log\left(\frac{w^2}{uv}\right)$	CDI	CD	R	L
3352	2066	2	$\log\left(\frac{w^2}{uv}\right)$	CDIF	CDF	R	L
3353	2067	1	$\arcsin\left(\frac{w^2}{uv}\right)$	CDI	CD	R	S
3354	2067	2	$\arcsin\left(\frac{w^2}{uv}\right)$	CDIF	CDF	R	S
3355	2068	1	$\arctan\left(\frac{w^2}{uv}\right)$	CDI	CD	R	T
3356	2068	2	$\arctan\left(\frac{w^2}{uv}\right)$	CDIF	CDF	R	T
3357	2069	1	$\sqrt{\frac{u^2v^2 - w^4}{u^2v^2}}$	CDI	CD	R	P
3358	2069	2	$\sqrt{\frac{u^2v^2 - w^4}{u^2v^2}}$	CDIF	CDF	R	P
3359	2070	1	$\sqrt{\frac{u^2v^2 + w^4}{u^2v^2}}$	CDI	CD	R	H
3360	2070	2	$\sqrt{\frac{u^2v^2 + w^4}{u^2v^2}}$	CDIF	CDF	R	H
3361	2071	1	$\frac{\sqrt[3]{w}}{uv}$	CDI	CD	K	CD
3362	2071	2	$\frac{\sqrt[3]{w}}{uv}$	CDIF	CD	K	CDF
3363	2071	3	$\frac{\sqrt[3]{w}}{uv}$	CDIF	CDF	K	CD
3364	2072	1	$\frac{uv}{\sqrt[3]{w}}$	CDI	CD	K	CDI
3365	2072	2	$\frac{uv}{\sqrt[3]{w}}$	CDIF	CD	K	CDIF

3366	2072	3	$\frac{uv}{\sqrt[3]{w}}$	CDIF	CDF	K	CDI
3367	2073	1	$\frac{\sqrt[3]{w}\pi}{uv}$	CDI	CD	K	CDF
3368	2073	2	$\frac{\sqrt[3]{w}\pi}{uv}$	CDI	CDF	K	CD
3369	2073	3	$\frac{\sqrt[3]{w}\pi}{uv}$	CDIF	CDF	K	CDF
3370	2074	1	$\frac{uv}{\sqrt[3]{w}\pi}$	CDI	CD	K	CDIF
3371	2074	2	$\frac{uv}{\sqrt[3]{w}\pi}$	CDI	CDF	K	CDI
3372	2074	3	$\frac{uv}{\sqrt[3]{w}\pi}$	CDIF	CDF	K	CDIF
3373	2075	1	$\frac{w^{2/3}}{u^2v^2}$	CDI	CD	K	AB
3374	2075	2	$\frac{w^{2/3}}{u^2v^2}$	CDIF	CDF	K	AB
3375	2076	1	$\sqrt{\frac{\sqrt[3]{w}}{uv}}$	CDI	CD	K	R
3376	2076	2	$\sqrt{\frac{\sqrt[3]{w}}{uv}}$	CDIF	CDF	K	R
3377	2077	1	$\frac{w}{u^3v^3}$	CDI	CD	K	K
3378	2077	2	$\frac{w}{u^3v^3}$	CDIF	CDF	K	K
3379	2078	1	$e^{\frac{\sqrt[3]{w}}{uv}}$	CDI	CD	K	E
3380	2078	2	$e^{\frac{\sqrt[3]{w}}{uv}}$	CDIF	CDF	K	E
3381	2079	1	$\log\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDI	CD	K	L
3382	2079	2	$\log\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDIF	CDF	K	L
3383	2080	1	$\arcsin\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDI	CD	K	S

3384	2080	2	$\arcsin\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDIF	CDF	K	S
3385	2081	1	$\arctan\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDI	CD	K	T
3386	2081	2	$\arctan\left(\frac{\sqrt[3]{w}}{uv}\right)$	CDIF	CDF	K	T
3387	2082	1	$\sqrt{\frac{u^2v^2 - w^{2/3}}{u^2v^2}}$	CDI	CD	K	P
3388	2082	2	$\sqrt{\frac{u^2v^2 - w^{2/3}}{u^2v^2}}$	CDIF	CDF	K	P
3389	2083	1	$\sqrt{\frac{u^2v^2 + w^{2/3}}{u^2v^2}}$	CDI	CD	K	H
3390	2083	2	$\sqrt{\frac{u^2v^2 + w^{2/3}}{u^2v^2}}$	CDIF	CDF	K	H
3391	2084	1	$\frac{\ln(w)}{uv}$	CDI	CD	E	CD
3392	2084	2	$\frac{\ln(w)}{uv}$	CDIF	CD	E	CDF
3393	2084	3	$\frac{\ln(w)}{uv}$	CDIF	CDF	E	CD
3394	2085	1	$\frac{uv}{\ln(w)}$	CDI	CD	E	CDI
3395	2085	2	$\frac{uv}{\ln(w)}$	CDIF	CD	E	CDIF
3396	2085	3	$\frac{uv}{\ln(w)}$	CDIF	CDF	E	CDI
3397	2086	1	$\frac{\ln(w) \pi}{uv}$	CDI	CD	E	CDF
3398	2086	2	$\frac{\ln(w) \pi}{uv}$	CDI	CDF	E	CD
3399	2086	3	$\frac{\ln(w) \pi}{uv}$	CDIF	CDF	E	CDF
3400	2087	1	$\frac{uv}{\ln(w) \pi}$	CDI	CD	E	CDIF
3401	2087	2	$\frac{uv}{\ln(w) \pi}$	CDI	CDF	E	CDI

3402	2087	3	$\frac{uv}{\ln(w)\pi}$	CDIF	CDF	E	CDIF
3403	2088	1	$\frac{(\ln(w))^2}{u^2v^2}$	CDI	CD	E	AB
3404	2088	2	$\frac{(\ln(w))^2}{u^2v^2}$	CDIF	CDF	E	AB
3405	2089	1	$\sqrt{\frac{\ln(w)}{uv}}$	CDI	CD	E	R
3406	2089	2	$\sqrt{\frac{\ln(w)}{uv}}$	CDIF	CDF	E	R
3407	2090	1	$\frac{(\ln(w))^3}{u^3v^3}$	CDI	CD	E	K
3408	2090	2	$\frac{(\ln(w))^3}{u^3v^3}$	CDIF	CDF	E	K
3409	2091	1	$w^{\frac{1}{uv}}$	CDI	CD	E	E
3410	2091	2	$w^{\frac{1}{uv}}$	CDIF	CDF	E	E
3411	2092	1	$\log\left(\frac{\ln(w)}{uv}\right)$	CDI	CD	E	L
3412	2092	2	$\log\left(\frac{\ln(w)}{uv}\right)$	CDIF	CDF	E	L
3413	2093	1	$\arcsin\left(\frac{\ln(w)}{uv}\right)$	CDI	CD	E	S
3414	2093	2	$\arcsin\left(\frac{\ln(w)}{uv}\right)$	CDIF	CDF	E	S
3415	2094	1	$\arctan\left(\frac{\ln(w)}{uv}\right)$	CDI	CD	E	T
3416	2094	2	$\arctan\left(\frac{\ln(w)}{uv}\right)$	CDIF	CDF	E	T
3417	2095	1	$\sqrt{\frac{u^2v^2 - (\ln(w))^2}{u^2v^2}}$	CDI	CD	E	P
3418	2095	2	$\sqrt{\frac{u^2v^2 - (\ln(w))^2}{u^2v^2}}$	CDIF	CDF	E	P

3419	2096	1	$\sqrt{\frac{u^2 v^2 + (\ln(w))^2}{u^2 v^2}}$	CDI	CD	E	H
3420	2096	2	$\sqrt{\frac{u^2 v^2 + (\ln(w))^2}{u^2 v^2}}$	CDIF	CDF	E	H
3421	2097	1	$\frac{\text{Exp}(w)}{uv}$	CDI	CD	L	CD
3422	2097	2	$\frac{\text{Exp}(w)}{uv}$	CDIF	CD	L	CDF
3423	2097	3	$\frac{\text{Exp}(w)}{uv}$	CDIF	CDF	L	CD
3424	2098	1	$\frac{uv}{\text{Exp}(w)}$	CDI	CD	L	CDI
3425	2098	2	$\frac{uv}{\text{Exp}(w)}$	CDIF	CD	L	CDIF
3426	2098	3	$\frac{uv}{\text{Exp}(w)}$	CDIF	CDF	L	CDI
3427	2099	1	$\frac{\text{Exp}(w) \pi}{uv}$	CDI	CD	L	CDF
3428	2099	2	$\frac{\text{Exp}(w) \pi}{uv}$	CDI	CDF	L	CD
3429	2099	3	$\frac{\text{Exp}(w) \pi}{uv}$	CDIF	CDF	L	CDF
3430	2100	1	$\frac{uv}{\text{Exp}(w) \pi}$	CDI	CD	L	CDIF
3431	2100	2	$\frac{uv}{\text{Exp}(w) \pi}$	CDI	CDF	L	CDI
3432	2100	3	$\frac{uv}{\text{Exp}(w) \pi}$	CDIF	CDF	L	CDIF
3433	2101	1	$\frac{(\text{Exp}(w))^2}{u^2 v^2}$	CDI	CD	L	AB
3434	2101	2	$\frac{(\text{Exp}(w))^2}{u^2 v^2}$	CDIF	CDF	L	AB
3435	2102	1	$\sqrt{\frac{\text{Exp}(w)}{uv}}$	CDI	CD	L	R
3436	2102	2	$\sqrt{\frac{\text{Exp}(w)}{uv}}$	CDIF	CDF	L	R

3437	2103	1	$\frac{(Exp(w))^3}{u^3v^3}$	CDI	CD	L	K
3438	2103	2	$\frac{(Exp(w))^3}{u^3v^3}$	CDIF	CDF	L	K
3439	2104	1	$e^{\frac{Exp(w)}{uv}}$	CDI	CD	L	E
3440	2104	2	$e^{\frac{Exp(w)}{uv}}$	CDIF	CDF	L	E
3441	2105	1	$\log\left(\frac{Exp(w)}{uv}\right)$	CDI	CD	L	L
3442	2105	2	$\log\left(\frac{Exp(w)}{uv}\right)$	CDIF	CDF	L	L
3443	2106	1	$\arcsin\left(\frac{Exp(w)}{uv}\right)$	CDI	CD	L	S
3444	2106	2	$\arcsin\left(\frac{Exp(w)}{uv}\right)$	CDIF	CDF	L	S
3445	2107	1	$\arctan\left(\frac{Exp(w)}{uv}\right)$	CDI	CD	L	T
3446	2107	2	$\arctan\left(\frac{Exp(w)}{uv}\right)$	CDIF	CDF	L	T
3447	2108	1	$\sqrt{\frac{u^2v^2 - (Exp(w))^2}{u^2v^2}}$	CDI	CD	L	P
3448	2108	2	$\sqrt{\frac{u^2v^2 - (Exp(w))^2}{u^2v^2}}$	CDIF	CDF	L	P
3449	2109	1	$\sqrt{\frac{u^2v^2 + (Exp(w))^2}{u^2v^2}}$	CDI	CD	L	H
3450	2109	2	$\sqrt{\frac{u^2v^2 + (Exp(w))^2}{u^2v^2}}$	CDIF	CDF	L	H
3451	2110	1	$\frac{\sin(w)}{uv}$	CDI	CD	S	CD
3452	2110	2	$\frac{\sin(w)}{uv}$	CDIF	CD	S	CDF
3453	2110	3	$\frac{\sin(w)}{uv}$	CDIF	CDF	S	CD

3454	2111	1	$\frac{uv}{\sin(w)}$	CDI	CD	S	CDI
3455	2111	2	$\frac{uv}{\sin(w)}$	CDIF	CD	S	CDIF
3456	2111	3	$\frac{uv}{\sin(w)}$	CDIF	CDF	S	CDI
3457	2112	1	$\frac{\sin(w) \pi}{uv}$	CDI	CD	S	CDF
3458	2112	2	$\frac{\sin(w) \pi}{uv}$	CDI	CDF	S	CD
3459	2112	3	$\frac{\sin(w) \pi}{uv}$	CDIF	CDF	S	CDF
3460	2113	1	$\frac{uv}{\sin(w) \pi}$	CDI	CD	S	CDIF
3461	2113	2	$\frac{uv}{\sin(w) \pi}$	CDI	CDF	S	CDI
3462	2113	3	$\frac{uv}{\sin(w) \pi}$	CDIF	CDF	S	CDIF
3463	2114	1	$\frac{(\sin(w))^2}{u^2 v^2}$	CDI	CD	S	AB
3464	2114	2	$\frac{(\sin(w))^2}{u^2 v^2}$	CDIF	CDF	S	AB
3465	2115	1	$\sqrt{\frac{\sin(w)}{uv}}$	CDI	CD	S	R
3466	2115	2	$\sqrt{\frac{\sin(w)}{uv}}$	CDIF	CDF	S	R
3467	2116	1	$\frac{(\sin(w))^3}{u^3 v^3}$	CDI	CD	S	K
3468	2116	2	$\frac{(\sin(w))^3}{u^3 v^3}$	CDIF	CDF	S	K
3469	2117	1	$e^{\frac{\sin(w)}{uv}}$	CDI	CD	S	E
3470	2117	2	$e^{\frac{\sin(w)}{uv}}$	CDIF	CDF	S	E
3471	2118	1	$\log\left(\frac{\sin(w)}{uv}\right)$	CDI	CD	S	L

3472	2118	2	$\log\left(\frac{\sin(w)}{uv}\right)$	CDIF	CDF	S	L
3473	2119	1	$\arcsin\left(\frac{\sin(w)}{uv}\right)$	CDI	CD	S	S
3474	2119	2	$\arcsin\left(\frac{\sin(w)}{uv}\right)$	CDIF	CDF	S	S
3475	2120	1	$\arctan\left(\frac{\sin(w)}{uv}\right)$	CDI	CD	S	T
3476	2120	2	$\arctan\left(\frac{\sin(w)}{uv}\right)$	CDIF	CDF	S	T
3477	2121	1	$\sqrt{\frac{u^2v^2 - 1 + (\cos(w))^2}{u^2v^2}}$	CDI	CD	S	P
3478	2121	2	$\sqrt{\frac{u^2v^2 - 1 + (\cos(w))^2}{u^2v^2}}$	CDIF	CDF	S	P
3479	2122	1	$\sqrt{\frac{u^2v^2 + 1 - (\cos(w))^2}{u^2v^2}}$	CDI	CD	S	H
3480	2122	2	$\sqrt{\frac{u^2v^2 + 1 - (\cos(w))^2}{u^2v^2}}$	CDIF	CDF	S	H
3481	2123	1	$\frac{\tan(w)}{uv}$	CDI	CD	T	CD
3482	2123	2	$\frac{\tan(w)}{uv}$	CDIF	CD	T	CDF
3483	2123	3	$\frac{\tan(w)}{uv}$	CDIF	CDF	T	CD
3484	2124	1	$\frac{uv}{\tan(w)}$	CDI	CD	T	CDI
3485	2124	2	$\frac{uv}{\tan(w)}$	CDIF	CD	T	CDIF
3486	2124	3	$\frac{uv}{\tan(w)}$	CDIF	CDF	T	CDI
3487	2125	1	$\frac{\tan(w)\pi}{uv}$	CDI	CD	T	CDF
3488	2125	2	$\frac{\tan(w)\pi}{uv}$	CDI	CDF	T	CD

3489	2125	3	$\frac{\tan(w)\pi}{uv}$	CDIF	CDF	T	CDF
3490	2126	1	$\frac{uv}{\tan(w)\pi}$	CDI	CD	T	CDIF
3491	2126	2	$\frac{uv}{\tan(w)\pi}$	CDI	CDF	T	CDI
3492	2126	3	$\frac{uv}{\tan(w)\pi}$	CDIF	CDF	T	CDIF
3493	2127	1	$\frac{(\tan(w))^2}{u^2v^2}$	CDI	CD	T	AB
3494	2127	2	$\frac{(\tan(w))^2}{u^2v^2}$	CDIF	CDF	T	AB
3495	2128	1	$\sqrt{\frac{\tan(w)}{uv}}$	CDI	CD	T	R
3496	2128	2	$\sqrt{\frac{\tan(w)}{uv}}$	CDIF	CDF	T	R
3497	2129	1	$\frac{(\tan(w))^3}{u^3v^3}$	CDI	CD	T	K
3498	2129	2	$\frac{(\tan(w))^3}{u^3v^3}$	CDIF	CDF	T	K
3499	2130	1	$e^{\frac{\tan(w)}{uv}}$	CDI	CD	T	E
3500	2130	2	$e^{\frac{\tan(w)}{uv}}$	CDIF	CDF	T	E
3501	2131	1	$\log\left(\frac{\tan(w)}{uv}\right)$	CDI	CD	T	L
3502	2131	2	$\log\left(\frac{\tan(w)}{uv}\right)$	CDIF	CDF	T	L
3503	2132	1	$\arcsin\left(\frac{\tan(w)}{uv}\right)$	CDI	CD	T	S
3504	2132	2	$\arcsin\left(\frac{\tan(w)}{uv}\right)$	CDIF	CDF	T	S
3505	2133	1	$\arctan\left(\frac{\tan(w)}{uv}\right)$	CDI	CD	T	T
3506	2133	2	$\arctan\left(\frac{\tan(w)}{uv}\right)$	CDIF	CDF	T	T

3507	2134	1	$\sqrt{\frac{u^2v^2 - (\tan(w))^2}{u^2v^2}}$	CDI	CD	T	P
3508	2134	2	$\sqrt{\frac{u^2v^2 - (\tan(w))^2}{u^2v^2}}$	CDIF	CDF	T	P
3509	2135	1	$\sqrt{\frac{u^2v^2 + (\tan(w))^2}{u^2v^2}}$	CDI	CD	T	H
3510	2135	2	$\sqrt{\frac{u^2v^2 + (\tan(w))^2}{u^2v^2}}$	CDIF	CDF	T	H
3511	2136	1	$\frac{\sqrt{1-w^2}}{uv}$	CDI	CD	P	CD
3512	2136	2	$\frac{\sqrt{1-w^2}}{uv}$	CDIF	CD	P	CDF
3513	2136	3	$\frac{\sqrt{1-w^2}}{uv}$	CDIF	CDF	P	CD
3514	2137	1	$\frac{uv}{\sqrt{1-w^2}}$	CDI	CD	P	CDI
3515	2137	2	$\frac{uv}{\sqrt{1-w^2}}$	CDIF	CD	P	CDIF
3516	2137	3	$\frac{uv}{\sqrt{1-w^2}}$	CDIF	CDF	P	CDI
3517	2138	1	$\frac{\sqrt{1-w^2}\pi}{uv}$	CDI	CD	P	CDF
3518	2138	2	$\frac{\sqrt{1-w^2}\pi}{uv}$	CDI	CDF	P	CD
3519	2138	3	$\frac{\sqrt{1-w^2}\pi}{uv}$	CDIF	CDF	P	CDF
3520	2139	1	$\frac{uv}{\sqrt{1-w^2}\pi}$	CDI	CD	P	CDIF
3521	2139	2	$\frac{uv}{\sqrt{1-w^2}\pi}$	CDI	CDF	P	CDI
3522	2139	3	$\frac{uv}{\sqrt{1-w^2}\pi}$	CDIF	CDF	P	CDIF
3523	2140	1	$-\frac{-1+w^2}{u^2v^2}$	CDI	CD	P	AB

3524	2140	2	$-\frac{-1+w^2}{u^2v^2}$	CDIF	CDF	P	AB
3525	2141	1	$\sqrt{\frac{\sqrt{1-w^2}}{uv}}$	CDI	CD	P	R
3526	2141	2	$\sqrt{\frac{\sqrt{1-w^2}}{uv}}$	CDIF	CDF	P	R
3527	2142	1	$\frac{(1-w^2)^{3/2}}{u^3v^3}$	CDI	CD	P	K
3528	2142	2	$\frac{(1-w^2)^{3/2}}{u^3v^3}$	CDIF	CDF	P	K
3529	2143	1	$e^{\frac{\sqrt{1-w^2}}{uv}}$	CDI	CD	P	E
3530	2143	2	$e^{\frac{\sqrt{1-w^2}}{uv}}$	CDIF	CDF	P	E
3531	2144	1	$\log\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDI	CD	P	L
3532	2144	2	$\log\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDIF	CDF	P	L
3533	2145	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDI	CD	P	S
3534	2145	2	$\arcsin\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDIF	CDF	P	S
3535	2146	1	$\arctan\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDI	CD	P	T
3536	2146	2	$\arctan\left(\frac{\sqrt{1-w^2}}{uv}\right)$	CDIF	CDF	P	T
3537	2147	1	$\sqrt{\frac{u^2v^2-1+w^2}{u^2v^2}}$	CDI	CD	P	P
3538	2147	2	$\sqrt{\frac{u^2v^2-1+w^2}{u^2v^2}}$	CDI	CD	H	H
3539	2147	3	$\sqrt{\frac{u^2v^2-1+w^2}{u^2v^2}}$	CDIF	CDF	P	P

3540	2147	4	$\sqrt{\frac{u^2v^2 - 1 + w^2}{u^2v^2}}$	CDIF	CDF	H	H
3541	2148	1	$\sqrt{\frac{u^2v^2 + 1 - w^2}{u^2v^2}}$	CDI	CD	P	H
3542	2148	2	$\sqrt{\frac{u^2v^2 + 1 - w^2}{u^2v^2}}$	CDI	CD	H	P
3543	2148	3	$\sqrt{\frac{u^2v^2 + 1 - w^2}{u^2v^2}}$	CDIF	CDF	P	H
3544	2148	4	$\sqrt{\frac{u^2v^2 + 1 - w^2}{u^2v^2}}$	CDIF	CDF	H	P
3545	2149	1	$\frac{\sqrt{-1 + w^2}}{uv}$	CDI	CD	H	CD
3546	2149	2	$\frac{\sqrt{-1 + w^2}}{uv}$	CDIF	CD	H	CDF
3547	2149	3	$\frac{\sqrt{-1 + w^2}}{uv}$	CDIF	CDF	H	CD
3548	2150	1	$\frac{uv}{\sqrt{-1 + w^2}}$	CDI	CD	H	CDI
3549	2150	2	$\frac{uv}{\sqrt{-1 + w^2}}$	CDIF	CD	H	CDIF
3550	2150	3	$\frac{uv}{\sqrt{-1 + w^2}}$	CDIF	CDF	H	CDI
3551	2151	1	$\frac{\sqrt{-1 + w^2}\pi}{uv}$	CDI	CD	H	CDF
3552	2151	2	$\frac{\sqrt{-1 + w^2}\pi}{uv}$	CDI	CDF	H	CD
3553	2151	3	$\frac{\sqrt{-1 + w^2}\pi}{uv}$	CDIF	CDF	H	CDF
3554	2152	1	$\frac{uv}{\sqrt{-1 + w^2}\pi}$	CDI	CD	H	CDIF
3555	2152	2	$\frac{uv}{\sqrt{-1 + w^2}\pi}$	CDI	CDF	H	CDI
3556	2152	3	$\frac{uv}{\sqrt{-1 + w^2}\pi}$	CDIF	CDF	H	CDIF
3557	2153	1	$\frac{-1 + w^2}{u^2v^2}$	CDI	CD	H	AB

3558	2153	2	$\frac{-1+w^2}{u^2v^2}$	CDIF	CDF	H	AB
3559	2154	1	$\sqrt{\frac{\sqrt{-1+w^2}}{uv}}$	CDI	CD	H	R
3560	2154	2	$\sqrt{\frac{\sqrt{-1+w^2}}{uv}}$	CDIF	CDF	H	R
3561	2155	1	$\frac{(-1+w^2)^{3/2}}{u^3v^3}$	CDI	CD	H	K
3562	2155	2	$\frac{(-1+w^2)^{3/2}}{u^3v^3}$	CDIF	CDF	H	K
3563	2156	1	$e^{\frac{\sqrt{-1+w^2}}{uv}}$	CDI	CD	H	E
3564	2156	2	$e^{\frac{\sqrt{-1+w^2}}{uv}}$	CDIF	CDF	H	E
3565	2157	1	$\log\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDI	CD	H	L
3566	2157	2	$\log\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDIF	CDF	H	L
3567	2158	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDI	CD	H	S
3568	2158	2	$\arcsin\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDIF	CDF	H	S
3569	2159	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDI	CD	H	T
3570	2159	2	$\arctan\left(\frac{\sqrt{-1+w^2}}{uv}\right)$	CDIF	CDF	H	T
3571	2160	1	$\frac{v^2w^2}{u^2}$	CDI	CDI	CD	AB
3572	2160	2	$\frac{v^2w^2}{u^2}$	CDI	CDIF	CDF	AB
3573	2160	3	$\frac{v^2w^2}{u^2}$	CDIF	CDIF	CD	AB

3574	2161	1	$\sqrt{\frac{vw}{u}}$	CDI	CDI	CD	R
3575	2161	2	$\sqrt{\frac{vw}{u}}$	CDI	CDIF	CDF	R
3576	2161	3	$\sqrt{\frac{vw}{u}}$	CDIF	CDIF	CD	R
3577	2162	1	$\frac{v^3w^3}{u^3}$	CDI	CDI	CD	K
3578	2162	2	$\frac{v^3w^3}{u^3}$	CDI	CDIF	CDF	K
3579	2162	3	$\frac{v^3w^3}{u^3}$	CDIF	CDIF	CD	K
3580	2163	1	$e^{\frac{vw}{u}}$	CDI	CDI	CD	E
3581	2163	2	$e^{\frac{vw}{u}}$	CDI	CDIF	CDF	E
3582	2163	3	$e^{\frac{vw}{u}}$	CDIF	CDIF	CD	E
3583	2164	1	$\log\left(\frac{vw}{u}\right)$	CDI	CDI	CD	L
3584	2164	2	$\log\left(\frac{vw}{u}\right)$	CDI	CDIF	CDF	L
3585	2164	3	$\log\left(\frac{vw}{u}\right)$	CDIF	CDIF	CD	L
3586	2165	1	$\arcsin\left(\frac{vw}{u}\right)$	CDI	CDI	CD	S
3587	2165	2	$\arcsin\left(\frac{vw}{u}\right)$	CDI	CDIF	CDF	S
3588	2165	3	$\arcsin\left(\frac{vw}{u}\right)$	CDIF	CDIF	CD	S
3589	2166	1	$\arctan\left(\frac{vw}{u}\right)$	CDI	CDI	CD	T
3590	2166	2	$\arctan\left(\frac{vw}{u}\right)$	CDI	CDIF	CDF	T
3591	2166	3	$\arctan\left(\frac{vw}{u}\right)$	CDIF	CDIF	CD	T
3592	2167	1	$\sqrt{\frac{-v^2w^2+u^2}{u^2}}$	CDI	CDI	CD	P
3593	2167	2	$\sqrt{\frac{-v^2w^2+u^2}{u^2}}$	CDI	CDIF	CDF	P

3594	2167	3	$\sqrt{\frac{-v^2w^2 + u^2}{u^2}}$	CDIF	CDIF	CD	P
3595	2168	1	$\sqrt{\frac{v^2w^2 + u^2}{u^2}}$	CDI	CDI	CD	H
3596	2168	2	$\sqrt{\frac{v^2w^2 + u^2}{u^2}}$	CDI	CDIF	CDF	H
3597	2168	3	$\sqrt{\frac{v^2w^2 + u^2}{u^2}}$	CDIF	CDIF	CD	H
3598	2169	1	$\frac{v^2}{u^2w^2}$	CDI	CDI	CDI	AB
3599	2169	2	$\frac{v^2}{u^2w^2}$	CDI	CDIF	CDIF	AB
3600	2169	3	$\frac{v^2}{u^2w^2}$	CDIF	CDIF	CDI	AB
3601	2169	4	$\frac{v^2}{u^2w^2}$	R	R	R	CDI
3602	2170	1	$\sqrt{\frac{v}{uw}}$	CDI	CDI	CDI	R
3603	2170	2	$\sqrt{\frac{v}{uw}}$	CDI	CDIF	CDIF	R
3604	2170	3	$\sqrt{\frac{v}{uw}}$	CDIF	CDIF	CDI	R
3605	2171	1	$\frac{v^3}{u^3w^3}$	CDI	CDI	CDI	K
3606	2171	2	$\frac{v^3}{u^3w^3}$	CDI	CDIF	CDIF	K
3607	2171	3	$\frac{v^3}{u^3w^3}$	CDIF	CDIF	CDI	K
3608	2172	1	$e^{\frac{v}{uw}}$	CDI	CDI	CDI	E
3609	2172	2	$e^{\frac{v}{uw}}$	CDI	CDIF	CDIF	E
3610	2172	3	$e^{\frac{v}{uw}}$	CDIF	CDIF	CDI	E
3611	2173	1	$\log\left(\frac{v}{uw}\right)$	CDI	CDI	CDI	L
3612	2173	2	$\log\left(\frac{v}{uw}\right)$	CDI	CDIF	CDIF	L

3613	2173	3	$\log\left(\frac{v}{uw}\right)$	CDIF	CDIF	CDI	L
3614	2174	1	$\arcsin\left(\frac{v}{uw}\right)$	CDI	CDI	CDI	S
3615	2174	2	$\arcsin\left(\frac{v}{uw}\right)$	CDI	CDIF	CDIF	S
3616	2174	3	$\arcsin\left(\frac{v}{uw}\right)$	CDIF	CDIF	CDI	S
3617	2175	1	$\arctan\left(\frac{v}{uw}\right)$	CDI	CDI	CDI	T
3618	2175	2	$\arctan\left(\frac{v}{uw}\right)$	CDI	CDIF	CDIF	T
3619	2175	3	$\arctan\left(\frac{v}{uw}\right)$	CDIF	CDIF	CDI	T
3620	2176	1	$\sqrt{\frac{-v^2 + u^2 w^2}{u^2 w^2}}$	CDI	CDI	CDI	P
3621	2176	2	$\sqrt{\frac{-v^2 + u^2 w^2}{u^2 w^2}}$	CDI	CDIF	CDIF	P
3622	2176	3	$\sqrt{\frac{-v^2 + u^2 w^2}{u^2 w^2}}$	CDIF	CDIF	CDI	P
3623	2177	1	$\sqrt{\frac{v^2 + u^2 w^2}{u^2 w^2}}$	CDI	CDI	CDI	H
3624	2177	2	$\sqrt{\frac{v^2 + u^2 w^2}{u^2 w^2}}$	CDI	CDIF	CDIF	H
3625	2177	3	$\sqrt{\frac{v^2 + u^2 w^2}{u^2 w^2}}$	CDIF	CDIF	CDI	H
3626	2178	1	$\frac{v^2 w^2}{u^2 \pi^2}$	CDI	CDI	CDF	AB
3627	2178	2	$\frac{v^2 w^2}{u^2 \pi^2}$	CDIF	CDI	CD	AB
3628	2178	3	$\frac{v^2 w^2}{u^2 \pi^2}$	CDIF	CDIF	CDF	AB
3629	2179	1	$\sqrt{\frac{vw}{u\pi}}$	CDI	CDI	CDF	R
3630	2179	2	$\sqrt{\frac{vw}{u\pi}}$	CDIF	CDI	CD	R
3631	2179	3	$\sqrt{\frac{vw}{u\pi}}$	CDIF	CDIF	CDF	R

3632	2180	1	$\frac{v^3 w^3}{u^3 \pi^3}$	CDI	CDI	CDF	K
3633	2180	2	$\frac{v^3 w^3}{u^3 \pi^3}$	CDIF	CDI	CD	K
3634	2180	3	$\frac{v^3 w^3}{u^3 \pi^3}$	CDIF	CDIF	CDF	K
3635	2181	1	$e^{\frac{vw}{u\pi}}$	CDI	CDI	CDF	E
3636	2181	2	$e^{\frac{vw}{u\pi}}$	CDIF	CDI	CD	E
3637	2181	3	$e^{\frac{vw}{u\pi}}$	CDIF	CDIF	CDF	E
3638	2182	1	$\log\left(\frac{vw}{u\pi}\right)$	CDI	CDI	CDF	L
3639	2182	2	$\log\left(\frac{vw}{u\pi}\right)$	CDIF	CDI	CD	L
3640	2182	3	$\log\left(\frac{vw}{u\pi}\right)$	CDIF	CDIF	CDF	L
3641	2183	1	$\arcsin\left(\frac{vw}{u\pi}\right)$	CDI	CDI	CDF	S
3642	2183	2	$\arcsin\left(\frac{vw}{u\pi}\right)$	CDIF	CDI	CD	S
3643	2183	3	$\arcsin\left(\frac{vw}{u\pi}\right)$	CDIF	CDIF	CDF	S
3644	2184	1	$\arctan\left(\frac{vw}{u\pi}\right)$	CDI	CDI	CDF	T
3645	2184	2	$\arctan\left(\frac{vw}{u\pi}\right)$	CDIF	CDI	CD	T
3646	2184	3	$\arctan\left(\frac{vw}{u\pi}\right)$	CDIF	CDIF	CDF	T
3647	2185	1	$\sqrt{\frac{-v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDI	CDI	CDF	P
3648	2185	2	$\sqrt{\frac{-v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDIF	CDI	CD	P
3649	2185	3	$\sqrt{\frac{-v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDIF	CDIF	CDF	P
3650	2186	1	$\sqrt{\frac{v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDI	CDI	CDF	H
3651	2186	2	$\sqrt{\frac{v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDIF	CDI	CD	H

3652	2186	3	$\sqrt{\frac{v^2 w^2 + u^2 \pi^2}{u^2 \pi^2}}$	CDIF	CDIF	CDF	H
3653	2187	1	$\frac{v^2}{u^2 w^2 \pi^2}$	CDI	CDI	CDIF	AB
3654	2187	2	$\frac{v^2}{u^2 w^2 \pi^2}$	CDIF	CDI	CDI	AB
3655	2187	3	$\frac{v^2}{u^2 w^2 \pi^2}$	CDIF	CDIF	CDIF	AB
3656	2188	1	$\sqrt{\frac{v}{u w \pi}}$	CDI	CDI	CDIF	R
3657	2188	2	$\sqrt{\frac{v}{u w \pi}}$	CDIF	CDI	CDI	R
3658	2188	3	$\sqrt{\frac{v}{u w \pi}}$	CDIF	CDIF	CDIF	R
3659	2189	1	$\frac{v^3}{u^3 w^3 \pi^3}$	CDI	CDI	CDIF	K
3660	2189	2	$\frac{v^3}{u^3 w^3 \pi^3}$	CDIF	CDI	CDI	K
3661	2189	3	$\frac{v^3}{u^3 w^3 \pi^3}$	CDIF	CDIF	CDIF	K
3662	2190	1	$e^{\frac{v}{u w \pi}}$	CDI	CDI	CDIF	E
3663	2190	2	$e^{\frac{v}{u w \pi}}$	CDIF	CDI	CDI	E
3664	2190	3	$e^{\frac{v}{u w \pi}}$	CDIF	CDIF	CDIF	E
3665	2191	1	$\log\left(\frac{v}{u w \pi}\right)$	CDI	CDI	CDIF	L
3666	2191	2	$\log\left(\frac{v}{u w \pi}\right)$	CDIF	CDI	CDI	L
3667	2191	3	$\log\left(\frac{v}{u w \pi}\right)$	CDIF	CDIF	CDIF	L
3668	2192	1	$\arcsin\left(\frac{v}{u w \pi}\right)$	CDI	CDI	CDIF	S
3669	2192	2	$\arcsin\left(\frac{v}{u w \pi}\right)$	CDIF	CDI	CDI	S
3670	2192	3	$\arcsin\left(\frac{v}{u w \pi}\right)$	CDIF	CDIF	CDIF	S
3671	2193	1	$\arctan\left(\frac{v}{u w \pi}\right)$	CDI	CDI	CDIF	T

3672	2193	2	$\arctan\left(\frac{v}{uw\pi}\right)$	CDIF	CDI	CDI	T
3673	2193	3	$\arctan\left(\frac{v}{uw\pi}\right)$	CDIF	CDIF	CDIF	T
3674	2194	1	$\sqrt{\frac{-v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDI	CDI	CDIF	P
3675	2194	2	$\sqrt{\frac{-v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDIF	CDI	CDI	P
3676	2194	3	$\sqrt{\frac{-v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDIF	CDIF	CDIF	P
3677	2195	1	$\sqrt{\frac{v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDI	CDI	CDIF	H
3678	2195	2	$\sqrt{\frac{v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDIF	CDI	CDI	H
3679	2195	3	$\sqrt{\frac{v^2 + u^2w^2\pi^2}{u^2w^2\pi^2}}$	CDIF	CDIF	CDIF	H
3680	2196	1	$\frac{v\sqrt{w}}{u}$	CDI	CDI	AB	CD
3681	2196	2	$\frac{v\sqrt{w}}{u}$	CDIF	CDI	AB	CDF
3682	2196	3	$\frac{v\sqrt{w}}{u}$	CDIF	CDIF	AB	CD
3683	2197	1	$\frac{u}{v\sqrt{w}}$	CDI	CDI	AB	CDI
3684	2197	2	$\frac{u}{v\sqrt{w}}$	CDIF	CDI	AB	CDIF
3685	2197	3	$\frac{u}{v\sqrt{w}}$	CDIF	CDIF	AB	CDI
3686	2198	1	$\frac{v\sqrt{w}\pi}{u}$	CDI	CDI	AB	CDF
3687	2198	2	$\frac{v\sqrt{w}\pi}{u}$	CDI	CDIF	AB	CD
3688	2198	3	$\frac{v\sqrt{w}\pi}{u}$	CDIF	CDIF	AB	CDF
3689	2199	1	$\frac{u}{v\sqrt{w}\pi}$	CDI	CDI	AB	CDIF
3690	2199	2	$\frac{u}{v\sqrt{w}\pi}$	CDI	CDIF	AB	CDI

3691	2199	3	$\frac{u}{v\sqrt{w}\pi}$	CDIF	CDIF	AB	CDIF
3692	2200	1	$\frac{v^2w}{u^2}$	CDI	CDI	AB	AB
3693	2200	2	$\frac{v^2w}{u^2}$	CDIF	CDIF	AB	AB
3694	2200	3	$\frac{v^2w}{u^2}$	R	R	CDI	CDI
3695	2200	4	$\frac{v^2w}{u^2}$	R	R	CDIF	CDIF
3696	2201	1	$\sqrt{\frac{v\sqrt{w}}{u}}$	CDI	CDI	AB	R
3697	2201	2	$\sqrt{\frac{v\sqrt{w}}{u}}$	CDIF	CDIF	AB	R
3698	2202	1	$\frac{v^3w^{3/2}}{u^3}$	CDI	CDI	AB	K
3699	2202	2	$\frac{v^3w^{3/2}}{u^3}$	CDIF	CDIF	AB	K
3700	2203	1	$e^{\frac{v\sqrt{w}}{u}}$	CDI	CDI	AB	E
3701	2203	2	$e^{\frac{v\sqrt{w}}{u}}$	CDIF	CDIF	AB	E
3702	2204	1	$\log\left(\frac{v\sqrt{w}}{u}\right)$	CDI	CDI	AB	L
3703	2204	2	$\log\left(\frac{v\sqrt{w}}{u}\right)$	CDIF	CDIF	AB	L
3704	2205	1	$\arcsin\left(\frac{v\sqrt{w}}{u}\right)$	CDI	CDI	AB	S
3705	2205	2	$\arcsin\left(\frac{v\sqrt{w}}{u}\right)$	CDIF	CDIF	AB	S
3706	2206	1	$\arctan\left(\frac{v\sqrt{w}}{u}\right)$	CDI	CDI	AB	T
3707	2206	2	$\arctan\left(\frac{v\sqrt{w}}{u}\right)$	CDIF	CDIF	AB	T
3708	2207	1	$\sqrt{\frac{u^2 - v^2w}{u^2}}$	CDI	CDI	AB	P

3709	2207	2	$\sqrt{\frac{u^2 - v^2 w}{u^2}}$	CDIF	CDIF	AB	P
3710	2208	1	$\sqrt{\frac{u^2 + v^2 w}{u^2}}$	CDI	CDI	AB	H
3711	2208	2	$\sqrt{\frac{u^2 + v^2 w}{u^2}}$	CDIF	CDIF	AB	H
3712	2209	1	$\frac{vw^2}{u}$	CDI	CDI	R	CD
3713	2209	2	$\frac{vw^2}{u}$	CDIF	CDI	R	CDF
3714	2209	3	$\frac{vw^2}{u}$	CDIF	CDIF	R	CD
3715	2210	1	$\frac{u}{vw^2}$	CDI	CDI	R	CDI
3716	2210	2	$\frac{u}{vw^2}$	CDIF	CDI	R	CDIF
3717	2210	3	$\frac{u}{vw^2}$	CDIF	CDIF	R	CDI
3718	2210	4	$\frac{u}{vw^2}$	AB	AB	CDI	AB
3719	2211	1	$\frac{vw^2 \pi}{u}$	CDI	CDI	R	CDF
3720	2211	2	$\frac{vw^2 \pi}{u}$	CDI	CDIF	R	CD
3721	2211	3	$\frac{vw^2 \pi}{u}$	CDIF	CDIF	R	CDF
3722	2212	1	$\frac{u}{vw^2 \pi}$	CDI	CDI	R	CDIF
3723	2212	2	$\frac{u}{vw^2 \pi}$	CDI	CDIF	R	CDI
3724	2212	3	$\frac{u}{vw^2 \pi}$	CDIF	CDIF	R	CDIF
3725	2213	1	$\frac{v^2 w^4}{u^2}$	CDI	CDI	R	AB
3726	2213	2	$\frac{v^2 w^4}{u^2}$	CDIF	CDIF	R	AB
3727	2214	1	$\sqrt{\frac{vw^2}{u}}$	CDI	CDI	R	R

3728	2214	2	$\sqrt{\frac{vw^2}{u}}$	CDIF	CDIF	R	R
3729	2215	1	$\frac{v^3w^6}{u^3}$	CDI	CDI	R	K
3730	2215	2	$\frac{v^3w^6}{u^3}$	CDIF	CDIF	R	K
3731	2216	1	$e^{\frac{vw^2}{u}}$	CDI	CDI	R	E
3732	2216	2	$e^{\frac{vw^2}{u}}$	CDIF	CDIF	R	E
3733	2217	1	$\log\left(\frac{vw^2}{u}\right)$	CDI	CDI	R	L
3734	2217	2	$\log\left(\frac{vw^2}{u}\right)$	CDIF	CDIF	R	L
3735	2218	1	$\arcsin\left(\frac{vw^2}{u}\right)$	CDI	CDI	R	S
3736	2218	2	$\arcsin\left(\frac{vw^2}{u}\right)$	CDIF	CDIF	R	S
3737	2219	1	$\arctan\left(\frac{vw^2}{u}\right)$	CDI	CDI	R	T
3738	2219	2	$\arctan\left(\frac{vw^2}{u}\right)$	CDIF	CDIF	R	T
3739	2220	1	$\sqrt{\frac{u^2 - v^2w^4}{u^2}}$	CDI	CDI	R	P
3740	2220	2	$\sqrt{\frac{u^2 - v^2w^4}{u^2}}$	CDIF	CDIF	R	P
3741	2221	1	$\sqrt{\frac{u^2 + v^2w^4}{u^2}}$	CDI	CDI	R	H
3742	2221	2	$\sqrt{\frac{u^2 + v^2w^4}{u^2}}$	CDIF	CDIF	R	H
3743	2222	1	$\frac{v\sqrt[3]{w}}{u}$	CDI	CDI	K	CD
3744	2222	2	$\frac{v\sqrt[3]{w}}{u}$	CDIF	CDI	K	CDF

3745	2222	3	$\frac{v\sqrt[3]{w}}{u}$	CDIF	CDIF	K	CD
3746	2223	1	$\frac{u}{v\sqrt[3]{w}}$	CDI	CDI	K	CDI
3747	2223	2	$\frac{u}{v\sqrt[3]{w}}$	CDIF	CDI	K	CDIF
3748	2223	3	$\frac{u}{v\sqrt[3]{w}}$	CDIF	CDIF	K	CDI
3749	2224	1	$\frac{v\sqrt[3]{w}\pi}{u}$	CDI	CDI	K	CDF
3750	2224	2	$\frac{v\sqrt[3]{w}\pi}{u}$	CDI	CDIF	K	CD
3751	2224	3	$\frac{v\sqrt[3]{w}\pi}{u}$	CDIF	CDIF	K	CDF
3752	2225	1	$\frac{u}{v\sqrt[3]{w}\pi}$	CDI	CDI	K	CDIF
3753	2225	2	$\frac{u}{v\sqrt[3]{w}\pi}$	CDI	CDIF	K	CDI
3754	2225	3	$\frac{u}{v\sqrt[3]{w}\pi}$	CDIF	CDIF	K	CDIF
3755	2226	1	$\frac{v^2w^{2/3}}{u^2}$	CDI	CDI	K	AB
3756	2226	2	$\frac{v^2w^{2/3}}{u^2}$	CDIF	CDIF	K	AB
3757	2227	1	$\sqrt{\frac{v\sqrt[3]{w}}{u}}$	CDI	CDI	K	R
3758	2227	2	$\sqrt{\frac{v\sqrt[3]{w}}{u}}$	CDIF	CDIF	K	R
3759	2228	1	$\frac{v^3w}{u^3}$	CDI	CDI	K	K
3760	2228	2	$\frac{v^3w}{u^3}$	CDIF	CDIF	K	K
3761	2229	1	$e^{\frac{v\sqrt[3]{w}}{u}}$	CDI	CDI	K	E
3762	2229	2	$e^{\frac{v\sqrt[3]{w}}{u}}$	CDIF	CDIF	K	E

3763	2230	1	$\log\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDI	CDI	K	L
3764	2230	2	$\log\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDIF	CDIF	K	L
3765	2231	1	$\arcsin\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDI	CDI	K	S
3766	2231	2	$\arcsin\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDIF	CDIF	K	S
3767	2232	1	$\arctan\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDI	CDI	K	T
3768	2232	2	$\arctan\left(\frac{v\sqrt[3]{w}}{u}\right)$	CDIF	CDIF	K	T
3769	2233	1	$\sqrt{\frac{u^2 - v^2 w^{2/3}}{u^2}}$	CDI	CDI	K	P
3770	2233	2	$\sqrt{\frac{u^2 - v^2 w^{2/3}}{u^2}}$	CDIF	CDIF	K	P
3771	2234	1	$\sqrt{\frac{u^2 + v^2 w^{2/3}}{u^2}}$	CDI	CDI	K	H
3772	2234	2	$\sqrt{\frac{u^2 + v^2 w^{2/3}}{u^2}}$	CDIF	CDIF	K	H
3773	2235	1	$\frac{v \ln(w)}{u}$	CDI	CDI	E	CD
3774	2235	2	$\frac{v \ln(w)}{u}$	CDIF	CDI	E	CDF
3775	2235	3	$\frac{v \ln(w)}{u}$	CDIF	CDIF	E	CD
3776	2236	1	$\frac{u}{v \ln(w)}$	CDI	CDI	E	CDI
3777	2236	2	$\frac{u}{v \ln(w)}$	CDIF	CDI	E	CDIF
3778	2236	3	$\frac{u}{v \ln(w)}$	CDIF	CDIF	E	CDI
3779	2237	1	$\frac{v \ln(w) \pi}{u}$	CDI	CDI	E	CDF
3780	2237	2	$\frac{v \ln(w) \pi}{u}$	CDI	CDIF	E	CD

3781	2237	3	$\frac{v \ln(w) \pi}{u}$	CDIF	CDIF	E	CDF
3782	2238	1	$\frac{u}{v \ln(w) \pi}$	CDI	CDI	E	CDIF
3783	2238	2	$\frac{u}{v \ln(w) \pi}$	CDI	CDIF	E	CDI
3784	2238	3	$\frac{u}{v \ln(w) \pi}$	CDIF	CDIF	E	CDIF
3785	2239	1	$\frac{v^2 (\ln(w))^2}{u^2}$	CDI	CDI	E	AB
3786	2239	2	$\frac{v^2 (\ln(w))^2}{u^2}$	CDIF	CDIF	E	AB
3787	2240	1	$\sqrt{\frac{v \ln(w)}{u}}$	CDI	CDI	E	R
3788	2240	2	$\sqrt{\frac{v \ln(w)}{u}}$	CDIF	CDIF	E	R
3789	2241	1	$\frac{v^3 (\ln(w))^3}{u^3}$	CDI	CDI	E	K
3790	2241	2	$\frac{v^3 (\ln(w))^3}{u^3}$	CDIF	CDIF	E	K
3791	2242	1	$w^{\frac{v}{u}}$	CDI	CDI	E	E
3792	2242	2	$w^{\frac{v}{u}}$	CDIF	CDIF	E	E
3793	2243	1	$\log\left(\frac{v \ln(w)}{u}\right)$	CDI	CDI	E	L
3794	2243	2	$\log\left(\frac{v \ln(w)}{u}\right)$	CDIF	CDIF	E	L
3795	2244	1	$\arcsin\left(\frac{v \ln(w)}{u}\right)$	CDI	CDI	E	S
3796	2244	2	$\arcsin\left(\frac{v \ln(w)}{u}\right)$	CDIF	CDIF	E	S
3797	2245	1	$\arctan\left(\frac{v \ln(w)}{u}\right)$	CDI	CDI	E	T
3798	2245	2	$\arctan\left(\frac{v \ln(w)}{u}\right)$	CDIF	CDIF	E	T

3799	2246	1	$\sqrt{\frac{u^2 - v^2 (\ln(w))^2}{u^2}}$	CDI	CDI	E	P
3800	2246	2	$\sqrt{\frac{u^2 - v^2 (\ln(w))^2}{u^2}}$	CDIF	CDIF	E	P
3801	2247	1	$\sqrt{\frac{u^2 + v^2 (\ln(w))^2}{u^2}}$	CDI	CDI	E	H
3802	2247	2	$\sqrt{\frac{u^2 + v^2 (\ln(w))^2}{u^2}}$	CDIF	CDIF	E	H
3803	2248	1	$\frac{v \text{Exp}(w)}{u}$	CDI	CDI	L	CD
3804	2248	2	$\frac{v \text{Exp}(w)}{u}$	CDIF	CDI	L	CDF
3805	2248	3	$\frac{v \text{Exp}(w)}{u}$	CDIF	CDIF	L	CD
3806	2249	1	$\frac{u}{v \text{Exp}(w)}$	CDI	CDI	L	CDI
3807	2249	2	$\frac{u}{v \text{Exp}(w)}$	CDIF	CDI	L	CDIF
3808	2249	3	$\frac{u}{v \text{Exp}(w)}$	CDIF	CDIF	L	CDI
3809	2250	1	$\frac{v \text{Exp}(w) \pi}{u}$	CDI	CDI	L	CDF
3810	2250	2	$\frac{v \text{Exp}(w) \pi}{u}$	CDI	CDIF	L	CD
3811	2250	3	$\frac{v \text{Exp}(w) \pi}{u}$	CDIF	CDIF	L	CDF
3812	2251	1	$\frac{u}{v \text{Exp}(w) \pi}$	CDI	CDI	L	CDIF
3813	2251	2	$\frac{u}{v \text{Exp}(w) \pi}$	CDI	CDIF	L	CDI
3814	2251	3	$\frac{u}{v \text{Exp}(w) \pi}$	CDIF	CDIF	L	CDIF
3815	2252	1	$\frac{v^2 (\text{Exp}(w))^2}{u^2}$	CDI	CDI	L	AB

3816	2252	2	$\frac{v^2 (Exp(w))^2}{u^2}$	CDIF	CDIF	L	AB
3817	2253	1	$\sqrt{\frac{vExp(w)}{u}}$	CDI	CDI	L	R
3818	2253	2	$\sqrt{\frac{vExp(w)}{u}}$	CDIF	CDIF	L	R
3819	2254	1	$\frac{v^3 (Exp(w))^3}{u^3}$	CDI	CDI	L	K
3820	2254	2	$\frac{v^3 (Exp(w))^3}{u^3}$	CDIF	CDIF	L	K
3821	2255	1	$e^{\frac{vExp(w)}{u}}$	CDI	CDI	L	E
3822	2255	2	$e^{\frac{vExp(w)}{u}}$	CDIF	CDIF	L	E
3823	2256	1	$\log\left(\frac{vExp(w)}{u}\right)$	CDI	CDI	L	L
3824	2256	2	$\log\left(\frac{vExp(w)}{u}\right)$	CDIF	CDIF	L	L
3825	2257	1	$\arcsin\left(\frac{vExp(w)}{u}\right)$	CDI	CDI	L	S
3826	2257	2	$\arcsin\left(\frac{vExp(w)}{u}\right)$	CDIF	CDIF	L	S
3827	2258	1	$\arctan\left(\frac{vExp(w)}{u}\right)$	CDI	CDI	L	T
3828	2258	2	$\arctan\left(\frac{vExp(w)}{u}\right)$	CDIF	CDIF	L	T
3829	2259	1	$\sqrt{\frac{u^2 - v^2 (Exp(w))^2}{u^2}}$	CDI	CDI	L	P
3830	2259	2	$\sqrt{\frac{u^2 - v^2 (Exp(w))^2}{u^2}}$	CDIF	CDIF	L	P
3831	2260	1	$\sqrt{\frac{u^2 + v^2 (Exp(w))^2}{u^2}}$	CDI	CDI	L	H
3832	2260	2	$\sqrt{\frac{u^2 + v^2 (Exp(w))^2}{u^2}}$	CDIF	CDIF	L	H

3833	2261	1	$\frac{v \sin(w)}{u}$	CDI	CDI	S	CD
3834	2261	2	$\frac{v \sin(w)}{u}$	CDIF	CDI	S	CDF
3835	2261	3	$\frac{v \sin(w)}{u}$	CDIF	CDIF	S	CD
3836	2262	1	$\frac{u}{v \sin(w)}$	CDI	CDI	S	CDI
3837	2262	2	$\frac{u}{v \sin(w)}$	CDIF	CDI	S	CDIF
3838	2262	3	$\frac{u}{v \sin(w)}$	CDIF	CDIF	S	CDI
3839	2263	1	$\frac{v \sin(w) \pi}{u}$	CDI	CDI	S	CDF
3840	2263	2	$\frac{v \sin(w) \pi}{u}$	CDI	CDIF	S	CD
3841	2263	3	$\frac{v \sin(w) \pi}{u}$	CDIF	CDIF	S	CDF
3842	2264	1	$\frac{u}{v \sin(w) \pi}$	CDI	CDI	S	CDIF
3843	2264	2	$\frac{u}{v \sin(w) \pi}$	CDI	CDIF	S	CDI
3844	2264	3	$\frac{u}{v \sin(w) \pi}$	CDIF	CDIF	S	CDIF
3845	2265	1	$\frac{v^2 (\sin(w))^2}{u^2}$	CDI	CDI	S	AB
3846	2265	2	$\frac{v^2 (\sin(w))^2}{u^2}$	CDIF	CDIF	S	AB
3847	2266	1	$\sqrt{\frac{v \sin(w)}{u}}$	CDI	CDI	S	R
3848	2266	2	$\sqrt{\frac{v \sin(w)}{u}}$	CDIF	CDIF	S	R
3849	2267	1	$\frac{v^3 (\sin(w))^3}{u^3}$	CDI	CDI	S	K
3850	2267	2	$\frac{v^3 (\sin(w))^3}{u^3}$	CDIF	CDIF	S	K

3851	2268	1	$e^{\frac{v \sin(w)}{u}}$	CDI	CDI	S	E
3852	2268	2	$e^{\frac{v \sin(w)}{u}}$	CDIF	CDIF	S	E
3853	2269	1	$\log\left(\frac{v \sin(w)}{u}\right)$	CDI	CDI	S	L
3854	2269	2	$\log\left(\frac{v \sin(w)}{u}\right)$	CDIF	CDIF	S	L
3855	2270	1	$\arcsin\left(\frac{v \sin(w)}{u}\right)$	CDI	CDI	S	S
3856	2270	2	$\arcsin\left(\frac{v \sin(w)}{u}\right)$	CDIF	CDIF	S	S
3857	2271	1	$\arctan\left(\frac{v \sin(w)}{u}\right)$	CDI	CDI	S	T
3858	2271	2	$\arctan\left(\frac{v \sin(w)}{u}\right)$	CDIF	CDIF	S	T
3859	2272	1	$\sqrt{\frac{u^2 - v^2 + v^2 (\cos(w))^2}{u^2}}$	CDI	CDI	S	P
3860	2272	2	$\sqrt{\frac{u^2 - v^2 + v^2 (\cos(w))^2}{u^2}}$	CDIF	CDIF	S	P
3861	2273	1	$\sqrt{\frac{u^2 + v^2 - v^2 (\cos(w))^2}{u^2}}$	CDI	CDI	S	H
3862	2273	2	$\sqrt{\frac{u^2 + v^2 - v^2 (\cos(w))^2}{u^2}}$	CDIF	CDIF	S	H
3863	2274	1	$\frac{v \tan(w)}{u}$	CDI	CDI	T	CD
3864	2274	2	$\frac{v \tan(w)}{u}$	CDIF	CDI	T	CDF
3865	2274	3	$\frac{v \tan(w)}{u}$	CDIF	CDIF	T	CD
3866	2275	1	$\frac{u}{v \tan(w)}$	CDI	CDI	T	CDI
3867	2275	2	$\frac{u}{v \tan(w)}$	CDIF	CDI	T	CDIF

3868	2275	3	$\frac{u}{v \tan(w)}$	CDIF	CDIF	T	CDI
3869	2276	1	$\frac{v \tan(w) \pi}{u}$	CDI	CDI	T	CDF
3870	2276	2	$\frac{v \tan(w) \pi}{u}$	CDI	CDIF	T	CD
3871	2276	3	$\frac{v \tan(w) \pi}{u}$	CDIF	CDIF	T	CDF
3872	2277	1	$\frac{u}{v \tan(w) \pi}$	CDI	CDI	T	CDIF
3873	2277	2	$\frac{u}{v \tan(w) \pi}$	CDI	CDIF	T	CDI
3874	2277	3	$\frac{u}{v \tan(w) \pi}$	CDIF	CDIF	T	CDIF
3875	2278	1	$\frac{v^2 (\tan(w))^2}{u^2}$	CDI	CDI	T	AB
3876	2278	2	$\frac{v^2 (\tan(w))^2}{u^2}$	CDIF	CDIF	T	AB
3877	2279	1	$\sqrt{\frac{v \tan(w)}{u}}$	CDI	CDI	T	R
3878	2279	2	$\sqrt{\frac{v \tan(w)}{u}}$	CDIF	CDIF	T	R
3879	2280	1	$\frac{v^3 (\tan(w))^3}{u^3}$	CDI	CDI	T	K
3880	2280	2	$\frac{v^3 (\tan(w))^3}{u^3}$	CDIF	CDIF	T	K
3881	2281	1	$e^{\frac{v \tan(w)}{u}}$	CDI	CDI	T	E
3882	2281	2	$e^{\frac{v \tan(w)}{u}}$	CDIF	CDIF	T	E
3883	2282	1	$\log\left(\frac{v \tan(w)}{u}\right)$	CDI	CDI	T	L
3884	2282	2	$\log\left(\frac{v \tan(w)}{u}\right)$	CDIF	CDIF	T	L
3885	2283	1	$\arcsin\left(\frac{v \tan(w)}{u}\right)$	CDI	CDI	T	S

3886	2283	2	$\arcsin\left(\frac{v \tan(w)}{u}\right)$	CDIF	CDIF	T	S
3887	2284	1	$\arctan\left(\frac{v \tan(w)}{u}\right)$	CDI	CDI	T	T
3888	2284	2	$\arctan\left(\frac{v \tan(w)}{u}\right)$	CDIF	CDIF	T	T
3889	2285	1	$\sqrt{\frac{u^2 - v^2 (\tan(w))^2}{u^2}}$	CDI	CDI	T	P
3890	2285	2	$\sqrt{\frac{u^2 - v^2 (\tan(w))^2}{u^2}}$	CDIF	CDIF	T	P
3891	2286	1	$\sqrt{\frac{u^2 + v^2 (\tan(w))^2}{u^2}}$	CDI	CDI	T	H
3892	2286	2	$\sqrt{\frac{u^2 + v^2 (\tan(w))^2}{u^2}}$	CDIF	CDIF	T	H
3893	2287	1	$\frac{v\sqrt{1-w^2}}{u}$	CDI	CDI	P	CD
3894	2287	2	$\frac{v\sqrt{1-w^2}}{u}$	CDIF	CDI	P	CDF
3895	2287	3	$\frac{v\sqrt{1-w^2}}{u}$	CDIF	CDIF	P	CD
3896	2288	1	$\frac{u}{v\sqrt{1-w^2}}$	CDI	CDI	P	CDI
3897	2288	2	$\frac{u}{v\sqrt{1-w^2}}$	CDIF	CDI	P	CDIF
3898	2288	3	$\frac{u}{v\sqrt{1-w^2}}$	CDIF	CDIF	P	CDI
3899	2289	1	$\frac{v\sqrt{1-w^2}\pi}{u}$	CDI	CDI	P	CDF
3900	2289	2	$\frac{v\sqrt{1-w^2}\pi}{u}$	CDI	CDIF	P	CD
3901	2289	3	$\frac{v\sqrt{1-w^2}\pi}{u}$	CDIF	CDIF	P	CDF
3902	2290	1	$\frac{u}{v\sqrt{1-w^2}\pi}$	CDI	CDI	P	CDIF

3903	2290	2	$\frac{u}{v\sqrt{1-w^2}\pi}$	CDI	CDIF	P	CDI
3904	2290	3	$\frac{u}{v\sqrt{1-w^2}\pi}$	CDIF	CDIF	P	CDIF
3905	2291	1	$-\frac{v^2(-1+w^2)}{u^2}$	CDI	CDI	P	AB
3906	2291	2	$-\frac{v^2(-1+w^2)}{u^2}$	CDIF	CDIF	P	AB
3907	2292	1	$\sqrt{\frac{v\sqrt{1-w^2}}{u}}$	CDI	CDI	P	R
3908	2292	2	$\sqrt{\frac{v\sqrt{1-w^2}}{u}}$	CDIF	CDIF	P	R
3909	2293	1	$\frac{v^3(1-w^2)^{3/2}}{u^3}$	CDI	CDI	P	K
3910	2293	2	$\frac{v^3(1-w^2)^{3/2}}{u^3}$	CDIF	CDIF	P	K
3911	2294	1	$e^{\frac{v\sqrt{1-w^2}}{u}}$	CDI	CDI	P	E
3912	2294	2	$e^{\frac{v\sqrt{1-w^2}}{u}}$	CDIF	CDIF	P	E
3913	2295	1	$\log\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDI	CDI	P	L
3914	2295	2	$\log\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDIF	CDIF	P	L
3915	2296	1	$\arcsin\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDI	CDI	P	S
3916	2296	2	$\arcsin\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDIF	CDIF	P	S
3917	2297	1	$\arctan\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDI	CDI	P	T
3918	2297	2	$\arctan\left(\frac{v\sqrt{1-w^2}}{u}\right)$	CDIF	CDIF	P	T

3919	2298	1	$\sqrt{\frac{u^2 - v^2 + v^2 w^2}{u^2}}$	CDI	CDI	P	P
3920	2298	2	$\sqrt{\frac{u^2 - v^2 + v^2 w^2}{u^2}}$	CDI	CDI	H	H
3921	2298	3	$\sqrt{\frac{u^2 - v^2 + v^2 w^2}{u^2}}$	CDIF	CDIF	P	P
3922	2298	4	$\sqrt{\frac{u^2 - v^2 + v^2 w^2}{u^2}}$	CDIF	CDIF	H	H
3923	2299	1	$\sqrt{\frac{u^2 + v^2 - v^2 w^2}{u^2}}$	CDI	CDI	P	H
3924	2299	2	$\sqrt{\frac{u^2 + v^2 - v^2 w^2}{u^2}}$	CDI	CDI	H	P
3925	2299	3	$\sqrt{\frac{u^2 + v^2 - v^2 w^2}{u^2}}$	CDIF	CDIF	P	H
3926	2299	4	$\sqrt{\frac{u^2 + v^2 - v^2 w^2}{u^2}}$	CDIF	CDIF	H	P
3927	2300	1	$\frac{v\sqrt{-1 + w^2}}{u}$	CDI	CDI	H	CD
3928	2300	2	$\frac{v\sqrt{-1 + w^2}}{u}$	CDIF	CDI	H	CDF
3929	2300	3	$\frac{v\sqrt{-1 + w^2}}{u}$	CDIF	CDIF	H	CD
3930	2301	1	$\frac{u}{v\sqrt{-1 + w^2}}$	CDI	CDI	H	CDI
3931	2301	2	$\frac{u}{v\sqrt{-1 + w^2}}$	CDIF	CDI	H	CDIF
3932	2301	3	$\frac{u}{v\sqrt{-1 + w^2}}$	CDIF	CDIF	H	CDI
3933	2302	1	$\frac{v\sqrt{-1 + w^2}\pi}{u}$	CDI	CDI	H	CDF
3934	2302	2	$\frac{v\sqrt{-1 + w^2}\pi}{u}$	CDI	CDIF	H	CD
3935	2302	3	$\frac{v\sqrt{-1 + w^2}\pi}{u}$	CDIF	CDIF	H	CDF
3936	2303	1	$\frac{u}{v\sqrt{-1 + w^2}\pi}$	CDI	CDI	H	CDIF

3937	2303	2	$\frac{u}{v\sqrt{-1+w^2}\pi}$	CDI	CDIF	H	CDI
3938	2303	3	$\frac{u}{v\sqrt{-1+w^2}\pi}$	CDIF	CDIF	H	CDIF
3939	2304	1	$\frac{v^2(-1+w^2)}{u^2}$	CDI	CDI	H	AB
3940	2304	2	$\frac{v^2(-1+w^2)}{u^2}$	CDIF	CDIF	H	AB
3941	2305	1	$\sqrt{\frac{v\sqrt{-1+w^2}}{u}}$	CDI	CDI	H	R
3942	2305	2	$\sqrt{\frac{v\sqrt{-1+w^2}}{u}}$	CDIF	CDIF	H	R
3943	2306	1	$\frac{v^3(-1+w^2)^{3/2}}{u^3}$	CDI	CDI	H	K
3944	2306	2	$\frac{v^3(-1+w^2)^{3/2}}{u^3}$	CDIF	CDIF	H	K
3945	2307	1	$e^{\frac{v\sqrt{-1+w^2}}{u}}$	CDI	CDI	H	E
3946	2307	2	$e^{\frac{v\sqrt{-1+w^2}}{u}}$	CDIF	CDIF	H	E
3947	2308	1	$\log\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDI	CDI	H	L
3948	2308	2	$\log\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDIF	CDIF	H	L
3949	2309	1	$\arcsin\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDI	CDI	H	S
3950	2309	2	$\arcsin\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDIF	CDIF	H	S
3951	2310	1	$\arctan\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDI	CDI	H	T
3952	2310	2	$\arctan\left(\frac{v\sqrt{-1+w^2}}{u}\right)$	CDIF	CDIF	H	T

3953	2311	1	$\frac{w\pi^2}{uv}$	CDI	CDF	CD	CDF
3954	2311	2	$\frac{w\pi^2}{uv}$	CDF	CDI	CDIF	CDI
3955	2312	1	$\frac{uv}{w\pi^2}$	CDI	CDF	CD	CDIF
3956	2312	2	$\frac{uv}{w\pi^2}$	CDF	CDI	CDIF	CD
3957	2313	1	$\frac{w^2\pi^2}{u^2v^2}$	CDI	CDF	CD	AB
3958	2314	1	$\sqrt{\frac{w\pi}{uv}}$	CDI	CDF	CD	R
3959	2315	1	$\frac{w^3\pi^3}{u^3v^3}$	CDI	CDF	CD	K
3960	2316	1	$e^{\frac{w\pi}{uv}}$	CDI	CDF	CD	E
3961	2317	1	$\log\left(\frac{w\pi}{uv}\right)$	CDI	CDF	CD	L
3962	2318	1	$\arcsin\left(\frac{w\pi}{uv}\right)$	CDI	CDF	CD	S
3963	2319	1	$\arctan\left(\frac{w\pi}{uv}\right)$	CDI	CDF	CD	T
3964	2320	1	$\sqrt{\frac{-w^2\pi^2 + u^2v^2}{u^2v^2}}$	CDI	CDF	CD	P
3965	2321	1	$\sqrt{\frac{w^2\pi^2 + u^2v^2}{u^2v^2}}$	CDI	CDF	CD	H
3966	2322	1	$\frac{\pi^2}{uvw}$	CDI	CDF	CDI	CDF
3967	2322	2	$\frac{\pi^2}{uvw}$	CDF	CDI	CDF	CDI
3968	2323	1	$\frac{uvw}{\pi^2}$	CDI	CDF	CDI	CDIF

3969	2323	2	$\frac{uvw}{\pi^2}$	CDF	CDI	CDF	CD
3970	2324	1	$\frac{\pi^2}{u^2v^2w^2}$	CDI	CDF	CDI	AB
3971	2325	1	$\sqrt{\frac{\pi}{uvw}}$	CDI	CDF	CDI	R
3972	2326	1	$\frac{\pi^3}{u^3v^3w^3}$	CDI	CDF	CDI	K
3973	2327	1	$e^{\frac{\pi}{uvw}}$	CDI	CDF	CDI	E
3974	2328	1	$\log\left(\frac{\pi}{uvw}\right)$	CDI	CDF	CDI	L
3975	2329	1	$\arcsin\left(\frac{\pi}{uvw}\right)$	CDI	CDF	CDI	S
3976	2330	1	$\arctan\left(\frac{\pi}{uvw}\right)$	CDI	CDF	CDI	T
3977	2331	1	$\sqrt{\frac{-\pi^2 + u^2v^2w^2}{u^2v^2w^2}}$	CDI	CDF	CDI	P
3978	2332	1	$\sqrt{\frac{\pi^2 + u^2v^2w^2}{u^2v^2w^2}}$	CDI	CDF	CDI	H
3979	2333	1	$\frac{\sqrt{w}\pi^2}{uv}$	CDI	CDF	AB	CDF
3980	2334	1	$\frac{uv}{\sqrt{w}\pi^2}$	CDI	CDF	AB	CDIF
3981	2335	1	$\frac{w\pi^2}{u^2v^2}$	CDI	CDF	AB	AB
3982	2336	1	$\sqrt{\frac{\sqrt{w}\pi}{uv}}$	CDI	CDF	AB	R
3983	2337	1	$\frac{w^{3/2}\pi^3}{u^3v^3}$	CDI	CDF	AB	K

3984	2338	1	$e^{\frac{\sqrt{w}\pi}{uv}}$	CDI	CDF	AB	E
3985	2339	1	$\log\left(\frac{\sqrt{w}\pi}{uv}\right)$	CDI	CDF	AB	L
3986	2340	1	$\arcsin\left(\frac{\sqrt{w}\pi}{uv}\right)$	CDI	CDF	AB	S
3987	2341	1	$\arctan\left(\frac{\sqrt{w}\pi}{uv}\right)$	CDI	CDF	AB	T
3988	2342	1	$\sqrt{\frac{u^2v^2 - w\pi^2}{u^2v^2}}$	CDI	CDF	AB	P
3989	2343	1	$\sqrt{\frac{u^2v^2 + w\pi^2}{u^2v^2}}$	CDI	CDF	AB	H
3990	2344	1	$\frac{w^2\pi^2}{uv}$	CDI	CDF	R	CDF
3991	2345	1	$\frac{uv}{w^2\pi^2}$	CDI	CDF	R	CDIF
3992	2346	1	$\frac{w^4\pi^2}{u^2v^2}$	CDI	CDF	R	AB
3993	2347	1	$\sqrt{\frac{w^2\pi}{uv}}$	CDI	CDF	R	R
3994	2348	1	$\frac{w^6\pi^3}{u^3v^3}$	CDI	CDF	R	K
3995	2349	1	$e^{\frac{w^2\pi}{uv}}$	CDI	CDF	R	E
3996	2350	1	$\log\left(\frac{w^2\pi}{uv}\right)$	CDI	CDF	R	L
3997	2351	1	$\arcsin\left(\frac{w^2\pi}{uv}\right)$	CDI	CDF	R	S
3998	2352	1	$\arctan\left(\frac{w^2\pi}{uv}\right)$	CDI	CDF	R	T

3999	2353	1	$\sqrt{\frac{u^2v^2 - w^4\pi^2}{u^2v^2}}$	CDI	CDF	R	P
4000	2354	1	$\sqrt{\frac{u^2v^2 + w^4\pi^2}{u^2v^2}}$	CDI	CDF	R	H
4001	2355	1	$\frac{\sqrt[3]{w}\pi^2}{uv}$	CDI	CDF	K	CDF
4002	2356	1	$\frac{uv}{\sqrt[3]{w}\pi^2}$	CDI	CDF	K	CDIF
4003	2357	1	$\frac{w^{2/3}\pi^2}{u^2v^2}$	CDI	CDF	K	AB
4004	2358	1	$\sqrt{\frac{\sqrt[3]{w}\pi}{uv}}$	CDI	CDF	K	R
4005	2359	1	$\frac{w\pi^3}{u^3v^3}$	CDI	CDF	K	K
4006	2360	1	$e^{\frac{\sqrt[3]{w}\pi}{uv}}$	CDI	CDF	K	E
4007	2361	1	$\log\left(\frac{\sqrt[3]{w}\pi}{uv}\right)$	CDI	CDF	K	L
4008	2362	1	$\arcsin\left(\frac{\sqrt[3]{w}\pi}{uv}\right)$	CDI	CDF	K	S
4009	2363	1	$\arctan\left(\frac{\sqrt[3]{w}\pi}{uv}\right)$	CDI	CDF	K	T
4010	2364	1	$\sqrt{\frac{u^2v^2 - w^{2/3}\pi^2}{u^2v^2}}$	CDI	CDF	K	P
4011	2365	1	$\sqrt{\frac{u^2v^2 + w^{2/3}\pi^2}{u^2v^2}}$	CDI	CDF	K	H
4012	2366	1	$\frac{\ln(w)\pi^2}{uv}$	CDI	CDF	E	CDF
4013	2367	1	$\frac{uv}{\ln(w)\pi^2}$	CDI	CDF	E	CDIF

4014	2368	1	$\frac{(\ln(w))^2 \pi^2}{u^2 v^2}$	CDI	CDF	E	AB
4015	2369	1	$\sqrt{\frac{\ln(w) \pi}{uv}}$	CDI	CDF	E	R
4016	2370	1	$\frac{(\ln(w))^3 \pi^3}{u^3 v^3}$	CDI	CDF	E	K
4017	2371	1	$w^{\frac{\pi}{uv}}$	CDI	CDF	E	E
4018	2372	1	$\log\left(\frac{\ln(w) \pi}{uv}\right)$	CDI	CDF	E	L
4019	2373	1	$\arcsin\left(\frac{\ln(w) \pi}{uv}\right)$	CDI	CDF	E	S
4020	2374	1	$\arctan\left(\frac{\ln(w) \pi}{uv}\right)$	CDI	CDF	E	T
4021	2375	1	$\sqrt{\frac{u^2 v^2 - (\ln(w))^2 \pi^2}{u^2 v^2}}$	CDI	CDF	E	P
4022	2376	1	$\sqrt{\frac{u^2 v^2 + (\ln(w))^2 \pi^2}{u^2 v^2}}$	CDI	CDF	E	H
4023	2377	1	$\frac{\text{Exp}(w) \pi^2}{uv}$	CDI	CDF	L	CDF
4024	2378	1	$\frac{uv}{\text{Exp}(w) \pi^2}$	CDI	CDF	L	CDIF
4025	2379	1	$\frac{(\text{Exp}(w))^2 \pi^2}{u^2 v^2}$	CDI	CDF	L	AB
4026	2380	1	$\sqrt{\frac{\text{Exp}(w) \pi}{uv}}$	CDI	CDF	L	R
4027	2381	1	$\frac{(\text{Exp}(w))^3 \pi^3}{u^3 v^3}$	CDI	CDF	L	K

4028	2382	1	$e^{\frac{Exp(w)\pi}{uv}}$	CDI	CDF	L	E
4029	2383	1	$\log\left(\frac{Exp(w)\pi}{uv}\right)$	CDI	CDF	L	L
4030	2384	1	$\arcsin\left(\frac{Exp(w)\pi}{uv}\right)$	CDI	CDF	L	S
4031	2385	1	$\arctan\left(\frac{Exp(w)\pi}{uv}\right)$	CDI	CDF	L	T
4032	2386	1	$\sqrt{\frac{u^2v^2 - (Exp(w))^2\pi^2}{u^2v^2}}$	CDI	CDF	L	P
4033	2387	1	$\sqrt{\frac{u^2v^2 + (Exp(w))^2\pi^2}{u^2v^2}}$	CDI	CDF	L	H
4034	2388	1	$\frac{\sin(w)\pi^2}{uv}$	CDI	CDF	S	CDF
4035	2389	1	$\frac{uv}{\sin(w)\pi^2}$	CDI	CDF	S	CDIF
4036	2390	1	$\frac{(\sin(w))^2\pi^2}{u^2v^2}$	CDI	CDF	S	AB
4037	2391	1	$\sqrt{\frac{\sin(w)\pi}{uv}}$	CDI	CDF	S	R
4038	2392	1	$\frac{(\sin(w))^3\pi^3}{u^3v^3}$	CDI	CDF	S	K
4039	2393	1	$e^{\frac{\sin(w)\pi}{uv}}$	CDI	CDF	S	E
4040	2394	1	$\log\left(\frac{\sin(w)\pi}{uv}\right)$	CDI	CDF	S	L
4041	2395	1	$\arcsin\left(\frac{\sin(w)\pi}{uv}\right)$	CDI	CDF	S	S
4042	2396	1	$\arctan\left(\frac{\sin(w)\pi}{uv}\right)$	CDI	CDF	S	T

4043	2397	1	$\sqrt{\frac{u^2 v^2 - \pi^2 + \pi^2 (\cos(w))^2}{u^2 v^2}}$	CDI	CDF	S	P
4044	2398	1	$\sqrt{\frac{u^2 v^2 + \pi^2 - \pi^2 (\cos(w))^2}{u^2 v^2}}$	CDI	CDF	S	H
4045	2399	1	$\frac{\tan(w) \pi^2}{uv}$	CDI	CDF	T	CDF
4046	2400	1	$\frac{uv}{\tan(w) \pi^2}$	CDI	CDF	T	CDIF
4047	2401	1	$\frac{(\tan(w))^2 \pi^2}{u^2 v^2}$	CDI	CDF	T	AB
4048	2402	1	$\sqrt{\frac{\tan(w) \pi}{uv}}$	CDI	CDF	T	R
4049	2403	1	$\frac{(\tan(w))^3 \pi^3}{u^3 v^3}$	CDI	CDF	T	K
4050	2404	1	$e^{\frac{\tan(w) \pi}{uv}}$	CDI	CDF	T	E
4051	2405	1	$\log\left(\frac{\tan(w) \pi}{uv}\right)$	CDI	CDF	T	L
4052	2406	1	$\arcsin\left(\frac{\tan(w) \pi}{uv}\right)$	CDI	CDF	T	S
4053	2407	1	$\arctan\left(\frac{\tan(w) \pi}{uv}\right)$	CDI	CDF	T	T
4054	2408	1	$\sqrt{\frac{u^2 v^2 - (\tan(w))^2 \pi^2}{u^2 v^2}}$	CDI	CDF	T	P
4055	2409	1	$\sqrt{\frac{u^2 v^2 + (\tan(w))^2 \pi^2}{u^2 v^2}}$	CDI	CDF	T	H
4056	2410	1	$\frac{\sqrt{1 - w^2} \pi^2}{uv}$	CDI	CDF	P	CDF

4057	2411	1	$\frac{uv}{\sqrt{1-w^2}\pi^2}$	CDI	CDF	P	CDIF
4058	2412	1	$-\frac{\pi^2(-1+w^2)}{u^2v^2}$	CDI	CDF	P	AB
4059	2413	1	$\sqrt{\frac{\sqrt{1-w^2}\pi}{uv}}$	CDI	CDF	P	R
4060	2414	1	$\frac{\pi^3(1-w^2)^{3/2}}{u^3v^3}$	CDI	CDF	P	K
4061	2415	1	$e^{\frac{\sqrt{1-w^2}\pi}{uv}}$	CDI	CDF	P	E
4062	2416	1	$\log\left(\frac{\sqrt{1-w^2}\pi}{uv}\right)$	CDI	CDF	P	L
4063	2417	1	$\arcsin\left(\frac{\sqrt{1-w^2}\pi}{uv}\right)$	CDI	CDF	P	S
4064	2418	1	$\arctan\left(\frac{\sqrt{1-w^2}\pi}{uv}\right)$	CDI	CDF	P	T
4065	2419	1	$\sqrt{\frac{u^2v^2-\pi^2+w^2\pi^2}{u^2v^2}}$	CDI	CDF	P	P
4066	2419	2	$\sqrt{\frac{u^2v^2-\pi^2+w^2\pi^2}{u^2v^2}}$	CDI	CDF	H	H
4067	2420	1	$\sqrt{\frac{u^2v^2+\pi^2-w^2\pi^2}{u^2v^2}}$	CDI	CDF	P	H
4068	2420	2	$\sqrt{\frac{u^2v^2+\pi^2-w^2\pi^2}{u^2v^2}}$	CDI	CDF	H	P
4069	2421	1	$\frac{\sqrt{-1+w^2}\pi^2}{uv}$	CDI	CDF	H	CDF
4070	2422	1	$\frac{uv}{\sqrt{-1+w^2}\pi^2}$	CDI	CDF	H	CDIF

4071	2423	1	$\frac{\pi^2 (-1 + w^2)}{u^2 v^2}$	CDI	CDF	H	AB
4072	2424	1	$\sqrt{\frac{\sqrt{-1 + w^2} \pi}{uv}}$	CDI	CDF	H	R
4073	2425	1	$\frac{\pi^3 (-1 + w^2)^{3/2}}{u^3 v^3}$	CDI	CDF	H	K
4074	2426	1	$e^{\frac{\sqrt{-1 + w^2} \pi}{uv}}$	CDI	CDF	H	E
4075	2427	1	$\log\left(\frac{\sqrt{-1 + w^2} \pi}{uv}\right)$	CDI	CDF	H	L
4076	2428	1	$\arcsin\left(\frac{\sqrt{-1 + w^2} \pi}{uv}\right)$	CDI	CDF	H	S
4077	2429	1	$\arctan\left(\frac{\sqrt{-1 + w^2} \pi}{uv}\right)$	CDI	CDF	H	T
4078	2430	1	$\frac{vw\pi^2}{u}$	CDI	CDIF	CD	CDF
4079	2430	2	$\frac{vw\pi^2}{u}$	CDF	CD	CDIF	CDI
4080	2431	1	$\frac{u}{vw\pi^2}$	CDI	CDIF	CD	CDIF
4081	2431	2	$\frac{u}{vw\pi^2}$	CDF	CD	CDIF	CD
4082	2432	1	$\frac{v^2 w^2 \pi^2}{u^2}$	CDI	CDIF	CD	AB
4083	2433	1	$\sqrt{\frac{vw\pi}{u}}$	CDI	CDIF	CD	R
4084	2434	1	$\frac{v^3 w^3 \pi^3}{u^3}$	CDI	CDIF	CD	K
4085	2435	1	$e^{\frac{vw\pi}{u}}$	CDI	CDIF	CD	E

4086	2436	1	$\log\left(\frac{vw\pi}{u}\right)$	CDI	CDIF	CD	L
4087	2437	1	$\arcsin\left(\frac{vw\pi}{u}\right)$	CDI	CDIF	CD	S
4088	2438	1	$\arctan\left(\frac{vw\pi}{u}\right)$	CDI	CDIF	CD	T
4089	2439	1	$\sqrt{\frac{-v^2w^2\pi^2 + u^2}{u^2}}$	CDI	CDIF	CD	P
4090	2440	1	$\sqrt{\frac{v^2w^2\pi^2 + u^2}{u^2}}$	CDI	CDIF	CD	H
4091	2441	1	$\frac{v\pi^2}{uw}$	CDI	CDIF	CDI	CDF
4092	2441	2	$\frac{v\pi^2}{uw}$	CDF	CD	CDF	CDI
4093	2442	1	$\frac{uw}{v\pi^2}$	CDI	CDIF	CDI	CDIF
4094	2442	2	$\frac{uw}{v\pi^2}$	CDF	CD	CDF	CD
4095	2443	1	$\frac{v^2\pi^2}{u^2w^2}$	CDI	CDIF	CDI	AB
4096	2444	1	$\sqrt{\frac{v\pi}{uw}}$	CDI	CDIF	CDI	R
4097	2445	1	$\frac{v^3\pi^3}{u^3w^3}$	CDI	CDIF	CDI	K
4098	2446	1	$e^{\frac{v\pi}{uw}}$	CDI	CDIF	CDI	E
4099	2447	1	$\log\left(\frac{v\pi}{uw}\right)$	CDI	CDIF	CDI	L
4100	2448	1	$\arcsin\left(\frac{v\pi}{uw}\right)$	CDI	CDIF	CDI	S
4101	2449	1	$\arctan\left(\frac{v\pi}{uw}\right)$	CDI	CDIF	CDI	T

4102	2450	1	$\sqrt{\frac{-v^2\pi^2 + u^2w^2}{u^2w^2}}$	CDI	CDIF	CDI	P
4103	2451	1	$\sqrt{\frac{v^2\pi^2 + u^2w^2}{u^2w^2}}$	CDI	CDIF	CDI	H
4104	2452	1	$\frac{v\sqrt{w}\pi^2}{u}$	CDI	CDIF	AB	CDF
4105	2453	1	$\frac{u}{v\sqrt{w}\pi^2}$	CDI	CDIF	AB	CDIF
4106	2454	1	$\frac{v^2w\pi^2}{u^2}$	CDI	CDIF	AB	AB
4107	2455	1	$\sqrt{\frac{v\sqrt{w}\pi}{u}}$	CDI	CDIF	AB	R
4108	2456	1	$\frac{v^3w^{3/2}\pi^3}{u^3}$	CDI	CDIF	AB	K
4109	2457	1	$e^{\frac{v\sqrt{w}\pi}{u}}$	CDI	CDIF	AB	E
4110	2458	1	$\log\left(\frac{v\sqrt{w}\pi}{u}\right)$	CDI	CDIF	AB	L
4111	2459	1	$\arcsin\left(\frac{v\sqrt{w}\pi}{u}\right)$	CDI	CDIF	AB	S
4112	2460	1	$\arctan\left(\frac{v\sqrt{w}\pi}{u}\right)$	CDI	CDIF	AB	T
4113	2461	1	$\sqrt{\frac{u^2 - v^2w\pi^2}{u^2}}$	CDI	CDIF	AB	P
4114	2462	1	$\sqrt{\frac{u^2 + v^2w\pi^2}{u^2}}$	CDI	CDIF	AB	H
4115	2463	1	$\frac{vw^2\pi^2}{u}$	CDI	CDIF	R	CDF
4116	2464	1	$\frac{u}{vw^2\pi^2}$	CDI	CDIF	R	CDIF

4117	2464	2	$\frac{u}{vw^2\pi^2}$	AB	AB	CDIF	AB
4118	2465	1	$\frac{v^2w^4\pi^2}{u^2}$	CDI	CDIF	R	AB
4119	2466	1	$\sqrt{\frac{vw^2\pi}{u}}$	CDI	CDIF	R	R
4120	2467	1	$\frac{v^3w^6\pi^3}{u^3}$	CDI	CDIF	R	K
4121	2468	1	$e^{\frac{vw^2\pi}{u}}$	CDI	CDIF	R	E
4122	2469	1	$\log\left(\frac{vw^2\pi}{u}\right)$	CDI	CDIF	R	L
4123	2470	1	$\arcsin\left(\frac{vw^2\pi}{u}\right)$	CDI	CDIF	R	S
4124	2471	1	$\arctan\left(\frac{vw^2\pi}{u}\right)$	CDI	CDIF	R	T
4125	2472	1	$\sqrt{\frac{u^2 - v^2w^4\pi^2}{u^2}}$	CDI	CDIF	R	P
4126	2473	1	$\sqrt{\frac{u^2 + v^2w^4\pi^2}{u^2}}$	CDI	CDIF	R	H
4127	2474	1	$\frac{v\sqrt[3]{w\pi^2}}{u}$	CDI	CDIF	K	CDF
4128	2475	1	$\frac{u}{v\sqrt[3]{w\pi^2}}$	CDI	CDIF	K	CDIF
4129	2476	1	$\frac{v^2w^{2/3}\pi^2}{u^2}$	CDI	CDIF	K	AB
4130	2477	1	$\sqrt{\frac{v\sqrt[3]{w\pi}}{u}}$	CDI	CDIF	K	R
4131	2478	1	$\frac{v^3w\pi^3}{u^3}$	CDI	CDIF	K	K

4132	2479	1	$e^{\frac{v \sqrt[3]{w} \pi}{u}}$	CDI	CDIF	K	E
4133	2480	1	$\log \left(\frac{v \sqrt[3]{w} \pi}{u} \right)$	CDI	CDIF	K	L
4134	2481	1	$\arcsin \left(\frac{v \sqrt[3]{w} \pi}{u} \right)$	CDI	CDIF	K	S
4135	2482	1	$\arctan \left(\frac{v \sqrt[3]{w} \pi}{u} \right)$	CDI	CDIF	K	T
4136	2483	1	$\sqrt{\frac{u^2 - v^2 w^{2/3} \pi^2}{u^2}}$	CDI	CDIF	K	P
4137	2484	1	$\sqrt{\frac{u^2 + v^2 w^{2/3} \pi^2}{u^2}}$	CDI	CDIF	K	H
4138	2485	1	$\frac{v \ln(w) \pi^2}{u}$	CDI	CDIF	E	CDF
4139	2486	1	$\frac{u}{v \ln(w) \pi^2}$	CDI	CDIF	E	CDIF
4140	2487	1	$\frac{v^2 (\ln(w))^2 \pi^2}{u^2}$	CDI	CDIF	E	AB
4141	2488	1	$\sqrt{\frac{v \ln(w) \pi}{u}}$	CDI	CDIF	E	R
4142	2489	1	$\frac{v^3 (\ln(w))^3 \pi^3}{u^3}$	CDI	CDIF	E	K
4143	2490	1	$w^{\frac{v \pi}{u}}$	CDI	CDIF	E	E
4144	2491	1	$\log \left(\frac{v \ln(w) \pi}{u} \right)$	CDI	CDIF	E	L
4145	2492	1	$\arcsin \left(\frac{v \ln(w) \pi}{u} \right)$	CDI	CDIF	E	S

4146	2493	1	$\arctan\left(\frac{v \ln(w) \pi}{u}\right)$	CDI	CDIF	E	T
4147	2494	1	$\sqrt{\frac{u^2 - v^2 (\ln(w))^2 \pi^2}{u^2}}$	CDI	CDIF	E	P
4148	2495	1	$\sqrt{\frac{u^2 + v^2 (\ln(w))^2 \pi^2}{u^2}}$	CDI	CDIF	E	H
4149	2496	1	$\frac{v \text{Exp}(w) \pi^2}{u}$	CDI	CDIF	L	CDF
4150	2497	1	$\frac{u}{v \text{Exp}(w) \pi^2}$	CDI	CDIF	L	CDIF
4151	2498	1	$\frac{v^2 (\text{Exp}(w))^2 \pi^2}{u^2}$	CDI	CDIF	L	AB
4152	2499	1	$\sqrt{\frac{v \text{Exp}(w) \pi}{u}}$	CDI	CDIF	L	R
4153	2500	1	$\frac{v^3 (\text{Exp}(w))^3 \pi^3}{u^3}$	CDI	CDIF	L	K
4154	2501	1	$e^{\frac{v \text{Exp}(w) \pi}{u}}$	CDI	CDIF	L	E
4155	2502	1	$\log\left(\frac{v \text{Exp}(w) \pi}{u}\right)$	CDI	CDIF	L	L
4156	2503	1	$\arcsin\left(\frac{v \text{Exp}(w) \pi}{u}\right)$	CDI	CDIF	L	S
4157	2504	1	$\arctan\left(\frac{v \text{Exp}(w) \pi}{u}\right)$	CDI	CDIF	L	T
4158	2505	1	$\sqrt{\frac{u^2 - v^2 (\text{Exp}(w))^2 \pi^2}{u^2}}$	CDI	CDIF	L	P
4159	2506	1	$\sqrt{\frac{u^2 + v^2 (\text{Exp}(w))^2 \pi^2}{u^2}}$	CDI	CDIF	L	H

4160	2507	1	$\frac{v \sin(w) \pi^2}{u}$	CDI	CDIF	S	CDF
4161	2508	1	$\frac{u}{v \sin(w) \pi^2}$	CDI	CDIF	S	CDIF
4162	2509	1	$\frac{v^2 (\sin(w))^2 \pi^2}{u^2}$	CDI	CDIF	S	AB
4163	2510	1	$\sqrt{\frac{v \sin(w) \pi}{u}}$	CDI	CDIF	S	R
4164	2511	1	$\frac{v^3 (\sin(w))^3 \pi^3}{u^3}$	CDI	CDIF	S	K
4165	2512	1	$e^{\frac{v \sin(w) \pi}{u}}$	CDI	CDIF	S	E
4166	2513	1	$\log\left(\frac{v \sin(w) \pi}{u}\right)$	CDI	CDIF	S	L
4167	2514	1	$\arcsin\left(\frac{v \sin(w) \pi}{u}\right)$	CDI	CDIF	S	S
4168	2515	1	$\arctan\left(\frac{v \sin(w) \pi}{u}\right)$	CDI	CDIF	S	T
4169	2516	1	$\sqrt{\frac{u^2 - v^2 \pi^2 + v^2 \pi^2 (\cos(w))^2}{u^2}}$	CDI	CDIF	S	P
4170	2517	1	$\sqrt{\frac{u^2 + v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2}{u^2}}$	CDI	CDIF	S	H
4171	2518	1	$\frac{v \tan(w) \pi^2}{u}$	CDI	CDIF	T	CDF
4172	2519	1	$\frac{u}{v \tan(w) \pi^2}$	CDI	CDIF	T	CDIF
4173	2520	1	$\frac{v^2 (\tan(w))^2 \pi^2}{u^2}$	CDI	CDIF	T	AB
4174	2521	1	$\sqrt{\frac{v \tan(w) \pi}{u}}$	CDI	CDIF	T	R

4175	2522	1	$\frac{v^3 (\tan(w))^3 \pi^3}{u^3}$	CDI	CDIF	T	K
4176	2523	1	$e^{\frac{v \tan(w) \pi}{u}}$	CDI	CDIF	T	E
4177	2524	1	$\log\left(\frac{v \tan(w) \pi}{u}\right)$	CDI	CDIF	T	L
4178	2525	1	$\arcsin\left(\frac{v \tan(w) \pi}{u}\right)$	CDI	CDIF	T	S
4179	2526	1	$\arctan\left(\frac{v \tan(w) \pi}{u}\right)$	CDI	CDIF	T	T
4180	2527	1	$\sqrt{\frac{u^2 - v^2 (\tan(w))^2 \pi^2}{u^2}}$	CDI	CDIF	T	P
4181	2528	1	$\sqrt{\frac{u^2 + v^2 (\tan(w))^2 \pi^2}{u^2}}$	CDI	CDIF	T	H
4182	2529	1	$\frac{v \sqrt{1 - w^2} \pi^2}{u}$	CDI	CDIF	P	CDF
4183	2530	1	$\frac{u}{v \sqrt{1 - w^2} \pi^2}$	CDI	CDIF	P	CDIF
4184	2531	1	$-\frac{v^2 \pi^2 (-1 + w^2)}{u^2}$	CDI	CDIF	P	AB
4185	2532	1	$\sqrt{\frac{v \sqrt{1 - w^2} \pi}{u}}$	CDI	CDIF	P	R
4186	2533	1	$\frac{v^3 \pi^3 (1 - w^2)^{3/2}}{u^3}$	CDI	CDIF	P	K
4187	2534	1	$e^{\frac{v \sqrt{1 - w^2} \pi}{u}}$	CDI	CDIF	P	E
4188	2535	1	$\log\left(\frac{v \sqrt{1 - w^2} \pi}{u}\right)$	CDI	CDIF	P	L

4189	2536	1	$\arcsin\left(\frac{v\sqrt{1-w^2}\pi}{u}\right)$	CDI	CDIF	P	S
4190	2537	1	$\arctan\left(\frac{v\sqrt{1-w^2}\pi}{u}\right)$	CDI	CDIF	P	T
4191	2538	1	$\sqrt{\frac{u^2 - v^2\pi^2 + v^2w^2\pi^2}{u^2}}$	CDI	CDIF	P	P
4192	2538	2	$\sqrt{\frac{u^2 - v^2\pi^2 + v^2w^2\pi^2}{u^2}}$	CDI	CDIF	H	H
4193	2539	1	$\sqrt{\frac{u^2 + v^2\pi^2 - v^2w^2\pi^2}{u^2}}$	CDI	CDIF	P	H
4194	2539	2	$\sqrt{\frac{u^2 + v^2\pi^2 - v^2w^2\pi^2}{u^2}}$	CDI	CDIF	H	P
4195	2540	1	$\frac{v\sqrt{-1+w^2}\pi^2}{u}$	CDI	CDIF	H	CDF
4196	2541	1	$\frac{u}{v\sqrt{-1+w^2}\pi^2}$	CDI	CDIF	H	CDIF
4197	2542	1	$\frac{v^2\pi^2(-1+w^2)}{u^2}$	CDI	CDIF	H	AB
4198	2543	1	$\sqrt{\frac{v\sqrt{-1+w^2}\pi}{u}}$	CDI	CDIF	H	R
4199	2544	1	$\frac{v^3\pi^3(-1+w^2)^{3/2}}{u^3}$	CDI	CDIF	H	K
4200	2545	1	$e^{\frac{v\sqrt{-1+w^2}\pi}{u}}$	CDI	CDIF	H	E
4201	2546	1	$\log\left(\frac{v\sqrt{-1+w^2}\pi}{u}\right)$	CDI	CDIF	H	L
4202	2547	1	$\arcsin\left(\frac{v\sqrt{-1+w^2}\pi}{u}\right)$	CDI	CDIF	H	S

4203	2548	1	$\arctan\left(\frac{v\sqrt{-1+w^2}\pi}{u}\right)$	CDI	CDIF	H	T
4204	2549	1	$\frac{w}{u\sqrt{v}}$	CDI	AB	CD	CD
4205	2549	2	$\frac{w}{u\sqrt{v}}$	CDI	AB	CDF	CDF
4206	2549	3	$\frac{w}{u\sqrt{v}}$	CDIF	AB	CD	CDF
4207	2550	1	$\frac{u\sqrt{v}}{w}$	CDI	AB	CD	CDI
4208	2550	2	$\frac{u\sqrt{v}}{w}$	CDI	AB	CDF	CDIF
4209	2550	3	$\frac{u\sqrt{v}}{w}$	CDIF	AB	CD	CDIF
4210	2551	1	$\frac{w\pi}{u\sqrt{v}}$	CDI	AB	CD	CDF
4211	2552	1	$\frac{u\sqrt{v}}{w\pi}$	CDI	AB	CD	CDIF
4212	2553	1	$\frac{w^2}{u^2v}$	CDI	AB	CD	AB
4213	2554	1	$\sqrt{\frac{w}{u\sqrt{v}}}$	CDI	AB	CD	R
4214	2555	1	$\frac{w^3}{u^3v^{3/2}}$	CDI	AB	CD	K
4215	2556	1	$e^{\frac{w}{u\sqrt{v}}}$	CDI	AB	CD	E
4216	2557	1	$\log\left(\frac{w}{u\sqrt{v}}\right)$	CDI	AB	CD	L
4217	2558	1	$\arcsin\left(\frac{w}{u\sqrt{v}}\right)$	CDI	AB	CD	S
4218	2559	1	$\arctan\left(\frac{w}{u\sqrt{v}}\right)$	CDI	AB	CD	T

4219	2560	1	$\sqrt{\frac{u^2v - w^2}{u^2v}}$	CDI	AB	CD	P
4220	2561	1	$\sqrt{\frac{u^2v + w^2}{u^2v}}$	CDI	AB	CD	H
4221	2562	1	$\frac{1}{u\sqrt{vw}}$	CDI	AB	CDI	CD
4222	2562	2	$\frac{1}{u\sqrt{vw}}$	CDI	AB	CDIF	CDF
4223	2562	3	$\frac{1}{u\sqrt{vw}}$	CDIF	AB	CDI	CDF
4224	2563	1	$u\sqrt{vw}$	CDI	AB	CDI	CDI
4225	2563	2	$u\sqrt{vw}$	CDI	AB	CDIF	CDIF
4226	2563	3	$u\sqrt{vw}$	CDIF	AB	CDI	CDIF
4227	2564	1	$\frac{\pi}{u\sqrt{vw}}$	CDI	AB	CDI	CDF
4228	2565	1	$\frac{u\sqrt{vw}}{\pi}$	CDI	AB	CDI	CDIF
4229	2566	1	$\frac{1}{u^2vw^2}$	CDI	AB	CDI	AB
4230	2566	2	$\frac{1}{u^2vw^2}$	R	CDI	R	CDI
4231	2567	1	$\sqrt{\frac{1}{u\sqrt{vw}}}$	CDI	AB	CDI	R
4232	2568	1	$\frac{1}{u^3v^{3/2}w^3}$	CDI	AB	CDI	K
4233	2569	1	$e^{\frac{1}{u\sqrt{vw}}}$	CDI	AB	CDI	E
4234	2570	1	$\log\left(\frac{1}{u\sqrt{vw}}\right)$	CDI	AB	CDI	L
4235	2571	1	$\arcsin\left(\frac{1}{u\sqrt{vw}}\right)$	CDI	AB	CDI	S

4236	2572	1	$\arctan\left(\frac{1}{u\sqrt{vw}}\right)$	CDI	AB	CDI	T
4237	2573	1	$\sqrt{\frac{u^2vw^2-1}{u^2vw^2}}$	CDI	AB	CDI	P
4238	2574	1	$\sqrt{\frac{u^2vw^2+1}{u^2vw^2}}$	CDI	AB	CDI	H
4239	2575	1	$\frac{w}{u\sqrt{v}\pi}$	CDI	AB	CDF	CD
4240	2575	2	$\frac{w}{u\sqrt{v}\pi}$	CDIF	AB	CD	CD
4241	2575	3	$\frac{w}{u\sqrt{v}\pi}$	CDIF	AB	CDF	CDF
4242	2576	1	$\frac{u\sqrt{v}\pi}{w}$	CDI	AB	CDF	CDI
4243	2576	2	$\frac{u\sqrt{v}\pi}{w}$	CDIF	AB	CD	CDI
4244	2576	3	$\frac{u\sqrt{v}\pi}{w}$	CDIF	AB	CDF	CDIF
4245	2577	1	$\frac{w^2}{u^2v\pi^2}$	CDI	AB	CDF	AB
4246	2577	2	$\frac{w^2}{u^2v\pi^2}$	CDIF	AB	CD	AB
4247	2578	1	$\sqrt{\frac{w}{u\sqrt{v}\pi}}$	CDI	AB	CDF	R
4248	2578	2	$\sqrt{\frac{w}{u\sqrt{v}\pi}}$	CDIF	AB	CD	R
4249	2579	1	$\frac{w^3}{u^3v^{3/2}\pi^3}$	CDI	AB	CDF	K
4250	2579	2	$\frac{w^3}{u^3v^{3/2}\pi^3}$	CDIF	AB	CD	K
4251	2580	1	$e^{\frac{w}{u\sqrt{v}\pi}}$	CDI	AB	CDF	E
4252	2580	2	$e^{\frac{w}{u\sqrt{v}\pi}}$	CDIF	AB	CD	E
4253	2581	1	$\log\left(\frac{w}{u\sqrt{v}\pi}\right)$	CDI	AB	CDF	L

4254	2581	2	$\log\left(\frac{w}{u\sqrt{v\pi}}\right)$	CDIF	AB	CD	L
4255	2582	1	$\arcsin\left(\frac{w}{u\sqrt{v\pi}}\right)$	CDI	AB	CDF	S
4256	2582	2	$\arcsin\left(\frac{w}{u\sqrt{v\pi}}\right)$	CDIF	AB	CD	S
4257	2583	1	$\arctan\left(\frac{w}{u\sqrt{v\pi}}\right)$	CDI	AB	CDF	T
4258	2583	2	$\arctan\left(\frac{w}{u\sqrt{v\pi}}\right)$	CDIF	AB	CD	T
4259	2584	1	$\sqrt{\frac{u^2v\pi^2 - w^2}{u^2v\pi^2}}$	CDI	AB	CDF	P
4260	2584	2	$\sqrt{\frac{u^2v\pi^2 - w^2}{u^2v\pi^2}}$	CDIF	AB	CD	P
4261	2585	1	$\sqrt{\frac{u^2v\pi^2 + w^2}{u^2v\pi^2}}$	CDI	AB	CDF	H
4262	2585	2	$\sqrt{\frac{u^2v\pi^2 + w^2}{u^2v\pi^2}}$	CDIF	AB	CD	H
4263	2586	1	$\frac{1}{u\sqrt{vw\pi}}$	CDI	AB	CDIF	CD
4264	2586	2	$\frac{1}{u\sqrt{vw\pi}}$	CDIF	AB	CDI	CD
4265	2586	3	$\frac{1}{u\sqrt{vw\pi}}$	CDIF	AB	CDIF	CDF
4266	2587	1	$u\sqrt{vw\pi}$	CDI	AB	CDIF	CDI
4267	2587	2	$u\sqrt{vw\pi}$	CDIF	AB	CDI	CDI
4268	2587	3	$u\sqrt{vw\pi}$	CDIF	AB	CDIF	CDIF
4269	2588	1	$\frac{1}{u^2vw^2\pi^2}$	CDI	AB	CDIF	AB
4270	2588	2	$\frac{1}{u^2vw^2\pi^2}$	CDIF	AB	CDI	AB
4271	2588	3	$\frac{1}{u^2vw^2\pi^2}$	R	CDIF	R	CDIF

4272	2589	1	$\sqrt{\frac{1}{u\sqrt{vw}\pi}}$	CDI	AB	CDIF	R
4273	2589	2	$\sqrt{\frac{1}{u\sqrt{vw}\pi}}$	CDIF	AB	CDI	R
4274	2590	1	$\frac{1}{u^3v^{3/2}w^3\pi^3}$	CDI	AB	CDIF	K
4275	2590	2	$\frac{1}{u^3v^{3/2}w^3\pi^3}$	CDIF	AB	CDI	K
4276	2591	1	$e^{\frac{1}{u\sqrt{vw}\pi}}$	CDI	AB	CDIF	E
4277	2591	2	$e^{\frac{1}{u\sqrt{vw}\pi}}$	CDIF	AB	CDI	E
4278	2592	1	$\log\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDI	AB	CDIF	L
4279	2592	2	$\log\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDIF	AB	CDI	L
4280	2593	1	$\arcsin\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDI	AB	CDIF	S
4281	2593	2	$\arcsin\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDIF	AB	CDI	S
4282	2594	1	$\arctan\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDI	AB	CDIF	T
4283	2594	2	$\arctan\left(\frac{1}{u\sqrt{vw}\pi}\right)$	CDIF	AB	CDI	T
4284	2595	1	$\sqrt{\frac{u^2vw^2\pi^2-1}{u^2vw^2\pi^2}}$	CDI	AB	CDIF	P
4285	2595	2	$\sqrt{\frac{u^2vw^2\pi^2-1}{u^2vw^2\pi^2}}$	CDIF	AB	CDI	P
4286	2596	1	$\sqrt{\frac{u^2vw^2\pi^2+1}{u^2vw^2\pi^2}}$	CDI	AB	CDIF	H
4287	2596	2	$\sqrt{\frac{u^2vw^2\pi^2+1}{u^2vw^2\pi^2}}$	CDIF	AB	CDI	H
4288	2597	1	$\frac{\sqrt{w}}{u\sqrt{v}}$	CDI	AB	AB	CD

4289	2597	2	$\frac{\sqrt{w}}{u\sqrt{v}}$	CDIF	AB	AB	CDF
4290	2598	1	$\frac{u\sqrt{v}}{\sqrt{w}}$	CDI	AB	AB	CDI
4291	2598	2	$\frac{u\sqrt{v}}{\sqrt{w}}$	CDIF	AB	AB	CDIF
4292	2599	1	$\frac{\sqrt{w}\pi}{u\sqrt{v}}$	CDI	AB	AB	CDF
4293	2600	1	$\frac{u\sqrt{v}}{\sqrt{w}\pi}$	CDI	AB	AB	CDIF
4294	2601	1	$\frac{w}{u^2v}$	CDI	AB	AB	AB
4295	2601	2	$\frac{w}{u^2v}$	R	CDI	CDI	CDI
4296	2601	3	$\frac{w}{u^2v}$	R	CDI	CDIF	CDIF
4297	2601	4	$\frac{w}{u^2v}$	R	CDIF	CDIF	CDI
4298	2602	1	$\sqrt{\frac{\sqrt{w}}{u\sqrt{v}}}$	CDI	AB	AB	R
4299	2603	1	$\frac{w^{3/2}}{u^3v^{3/2}}$	CDI	AB	AB	K
4300	2604	1	$e^{\frac{\sqrt{w}}{u\sqrt{v}}}$	CDI	AB	AB	E
4301	2605	1	$\log\left(\frac{\sqrt{w}}{u\sqrt{v}}\right)$	CDI	AB	AB	L
4302	2606	1	$\arcsin\left(\frac{\sqrt{w}}{u\sqrt{v}}\right)$	CDI	AB	AB	S
4303	2607	1	$\arctan\left(\frac{\sqrt{w}}{u\sqrt{v}}\right)$	CDI	AB	AB	T
4304	2608	1	$\sqrt{\frac{u^2v-w}{u^2v}}$	CDI	AB	AB	P

4305	2609	1	$\sqrt{\frac{u^2v+w}{u^2v}}$	CDI	AB	AB	H
4306	2610	1	$\frac{w^2}{u\sqrt{v}}$	CDI	AB	R	CD
4307	2610	2	$\frac{w^2}{u\sqrt{v}}$	CDIF	AB	R	CDF
4308	2611	1	$\frac{u\sqrt{v}}{w^2}$	CDI	AB	R	CDI
4309	2611	2	$\frac{u\sqrt{v}}{w^2}$	CDIF	AB	R	CDIF
4310	2612	1	$\frac{w^2\pi}{u\sqrt{v}}$	CDI	AB	R	CDF
4311	2613	1	$\frac{u\sqrt{v}}{w^2\pi}$	CDI	AB	R	CDIF
4312	2614	1	$\frac{w^4}{u^2v}$	CDI	AB	R	AB
4313	2615	1	$\sqrt{\frac{w^2}{u\sqrt{v}}}$	CDI	AB	R	R
4314	2616	1	$\frac{w^6}{u^3v^{3/2}}$	CDI	AB	R	K
4315	2617	1	$e^{\frac{w^2}{u\sqrt{v}}}$	CDI	AB	R	E
4316	2618	1	$\log\left(\frac{w^2}{u\sqrt{v}}\right)$	CDI	AB	R	L
4317	2619	1	$\arcsin\left(\frac{w^2}{u\sqrt{v}}\right)$	CDI	AB	R	S
4318	2620	1	$\arctan\left(\frac{w^2}{u\sqrt{v}}\right)$	CDI	AB	R	T
4319	2621	1	$\sqrt{\frac{u^2v-w^4}{u^2v}}$	CDI	AB	R	P

4320	2622	1	$\sqrt{\frac{u^2v + w^4}{u^2v}}$	CDI	AB	R	H
4321	2623	1	$\frac{\sqrt[3]{w}}{u\sqrt{v}}$	CDI	AB	K	CD
4322	2623	2	$\frac{\sqrt[3]{w}}{u\sqrt{v}}$	CDIF	AB	K	CDF
4323	2624	1	$\frac{u\sqrt{v}}{\sqrt[3]{w}}$	CDI	AB	K	CDI
4324	2624	2	$\frac{u\sqrt{v}}{\sqrt[3]{w}}$	CDIF	AB	K	CDIF
4325	2625	1	$\frac{\sqrt[3]{w}\pi}{u\sqrt{v}}$	CDI	AB	K	CDF
4326	2626	1	$\frac{u\sqrt{v}}{\sqrt[3]{w}\pi}$	CDI	AB	K	CDIF
4327	2627	1	$\frac{w^{2/3}}{u^2v}$	CDI	AB	K	AB
4328	2628	1	$\sqrt{\frac{\sqrt[3]{w}}{u\sqrt{v}}}$	CDI	AB	K	R
4329	2629	1	$\frac{w}{u^3v^{3/2}}$	CDI	AB	K	K
4330	2630	1	$e^{\frac{\sqrt[3]{w}}{u\sqrt{v}}}$	CDI	AB	K	E
4331	2631	1	$\log\left(\frac{\sqrt[3]{w}}{u\sqrt{v}}\right)$	CDI	AB	K	L
4332	2632	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\sqrt{v}}\right)$	CDI	AB	K	S
4333	2633	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\sqrt{v}}\right)$	CDI	AB	K	T
4334	2634	1	$\sqrt{\frac{u^2v - w^{2/3}}{u^2v}}$	CDI	AB	K	P

4335	2635	1	$\sqrt{\frac{u^2v + w^{2/3}}{u^2v}}$	CDI	AB	K	H
4336	2636	1	$\frac{\ln(w)}{u\sqrt{v}}$	CDI	AB	E	CD
4337	2636	2	$\frac{\ln(w)}{u\sqrt{v}}$	CDIF	AB	E	CDF
4338	2637	1	$\frac{u\sqrt{v}}{\ln(w)}$	CDI	AB	E	CDI
4339	2637	2	$\frac{u\sqrt{v}}{\ln(w)}$	CDIF	AB	E	CDIF
4340	2638	1	$\frac{\ln(w)\pi}{u\sqrt{v}}$	CDI	AB	E	CDF
4341	2639	1	$\frac{u\sqrt{v}}{\ln(w)\pi}$	CDI	AB	E	CDIF
4342	2640	1	$\frac{(\ln(w))^2}{u^2v}$	CDI	AB	E	AB
4343	2641	1	$\sqrt{\frac{\ln(w)}{u\sqrt{v}}}$	CDI	AB	E	R
4344	2642	1	$\frac{(\ln(w))^3}{u^3v^{3/2}}$	CDI	AB	E	K
4345	2643	1	$w^{\frac{1}{u\sqrt{v}}}$	CDI	AB	E	E
4346	2644	1	$\log\left(\frac{\ln(w)}{u\sqrt{v}}\right)$	CDI	AB	E	L
4347	2645	1	$\arcsin\left(\frac{\ln(w)}{u\sqrt{v}}\right)$	CDI	AB	E	S
4348	2646	1	$\arctan\left(\frac{\ln(w)}{u\sqrt{v}}\right)$	CDI	AB	E	T
4349	2647	1	$\sqrt{\frac{u^2v - (\ln(w))^2}{u^2v}}$	CDI	AB	E	P

4350	2648	1	$\sqrt{\frac{u^2v + (\ln(w))^2}{u^2v}}$	CDI	AB	E	H
4351	2649	1	$\frac{\text{Exp}(w)}{u\sqrt{v}}$	CDI	AB	L	CD
4352	2649	2	$\frac{\text{Exp}(w)}{u\sqrt{v}}$	CDIF	AB	L	CDF
4353	2650	1	$\frac{u\sqrt{v}}{\text{Exp}(w)}$	CDI	AB	L	CDI
4354	2650	2	$\frac{u\sqrt{v}}{\text{Exp}(w)}$	CDIF	AB	L	CDIF
4355	2651	1	$\frac{\text{Exp}(w)\pi}{u\sqrt{v}}$	CDI	AB	L	CDF
4356	2652	1	$\frac{u\sqrt{v}}{\text{Exp}(w)\pi}$	CDI	AB	L	CDIF
4357	2653	1	$\frac{(\text{Exp}(w))^2}{u^2v}$	CDI	AB	L	AB
4358	2654	1	$\sqrt{\frac{\text{Exp}(w)}{u\sqrt{v}}}$	CDI	AB	L	R
4359	2655	1	$\frac{(\text{Exp}(w))^3}{u^3v^{3/2}}$	CDI	AB	L	K
4360	2656	1	$e^{\frac{\text{Exp}(w)}{u\sqrt{v}}}$	CDI	AB	L	E
4361	2657	1	$\log\left(\frac{\text{Exp}(w)}{u\sqrt{v}}\right)$	CDI	AB	L	L
4362	2658	1	$\arcsin\left(\frac{\text{Exp}(w)}{u\sqrt{v}}\right)$	CDI	AB	L	S
4363	2659	1	$\arctan\left(\frac{\text{Exp}(w)}{u\sqrt{v}}\right)$	CDI	AB	L	T
4364	2660	1	$\sqrt{\frac{u^2v - (\text{Exp}(w))^2}{u^2v}}$	CDI	AB	L	P

4365	2661	1	$\sqrt{\frac{u^2v + (Exp(w))^2}{u^2v}}$	CDI	AB	L	H
4366	2662	1	$\frac{\sin(w)}{u\sqrt{v}}$	CDI	AB	S	CD
4367	2662	2	$\frac{\sin(w)}{u\sqrt{v}}$	CDIF	AB	S	CDF
4368	2663	1	$\frac{u\sqrt{v}}{\sin(w)}$	CDI	AB	S	CDI
4369	2663	2	$\frac{u\sqrt{v}}{\sin(w)}$	CDIF	AB	S	CDIF
4370	2664	1	$\frac{\sin(w)\pi}{u\sqrt{v}}$	CDI	AB	S	CDF
4371	2665	1	$\frac{u\sqrt{v}}{\sin(w)\pi}$	CDI	AB	S	CDIF
4372	2666	1	$\frac{(\sin(w))^2}{u^2v}$	CDI	AB	S	AB
4373	2667	1	$\sqrt{\frac{\sin(w)}{u\sqrt{v}}}$	CDI	AB	S	R
4374	2668	1	$\frac{(\sin(w))^3}{u^3v^{3/2}}$	CDI	AB	S	K
4375	2669	1	$e^{\frac{\sin(w)}{u\sqrt{v}}}$	CDI	AB	S	E
4376	2670	1	$\log\left(\frac{\sin(w)}{u\sqrt{v}}\right)$	CDI	AB	S	L
4377	2671	1	$\arcsin\left(\frac{\sin(w)}{u\sqrt{v}}\right)$	CDI	AB	S	S
4378	2672	1	$\arctan\left(\frac{\sin(w)}{u\sqrt{v}}\right)$	CDI	AB	S	T
4379	2673	1	$\sqrt{\frac{u^2v - 1 + (\cos(w))^2}{u^2v}}$	CDI	AB	S	P

4380	2674	1	$\sqrt{\frac{u^2v + 1 - (\cos(w))^2}{u^2v}}$	CDI	AB	S	H
4381	2675	1	$\frac{\tan(w)}{u\sqrt{v}}$	CDI	AB	T	CD
4382	2675	2	$\frac{\tan(w)}{u\sqrt{v}}$	CDIF	AB	T	CDF
4383	2676	1	$\frac{u\sqrt{v}}{\tan(w)}$	CDI	AB	T	CDI
4384	2676	2	$\frac{u\sqrt{v}}{\tan(w)}$	CDIF	AB	T	CDIF
4385	2677	1	$\frac{\tan(w)\pi}{u\sqrt{v}}$	CDI	AB	T	CDF
4386	2678	1	$\frac{u\sqrt{v}}{\tan(w)\pi}$	CDI	AB	T	CDIF
4387	2679	1	$\frac{(\tan(w))^2}{u^2v}$	CDI	AB	T	AB
4388	2680	1	$\sqrt{\frac{\tan(w)}{u\sqrt{v}}}$	CDI	AB	T	R
4389	2681	1	$\frac{(\tan(w))^3}{u^3v^{3/2}}$	CDI	AB	T	K
4390	2682	1	$e^{\frac{\tan(w)}{u\sqrt{v}}}$	CDI	AB	T	E
4391	2683	1	$\log\left(\frac{\tan(w)}{u\sqrt{v}}\right)$	CDI	AB	T	L
4392	2684	1	$\arcsin\left(\frac{\tan(w)}{u\sqrt{v}}\right)$	CDI	AB	T	S
4393	2685	1	$\arctan\left(\frac{\tan(w)}{u\sqrt{v}}\right)$	CDI	AB	T	T
4394	2686	1	$\sqrt{\frac{u^2v - (\tan(w))^2}{u^2v}}$	CDI	AB	T	P

4395	2687	1	$\sqrt{\frac{u^2v + (\tan(w))^2}{u^2v}}$	CDI	AB	T	H
4396	2688	1	$\frac{\sqrt{1-w^2}}{u\sqrt{v}}$	CDI	AB	P	CD
4397	2688	2	$\frac{\sqrt{1-w^2}}{u\sqrt{v}}$	CDIF	AB	P	CDF
4398	2689	1	$\frac{u\sqrt{v}}{\sqrt{1-w^2}}$	CDI	AB	P	CDI
4399	2689	2	$\frac{u\sqrt{v}}{\sqrt{1-w^2}}$	CDIF	AB	P	CDIF
4400	2690	1	$\frac{\sqrt{1-w^2}\pi}{u\sqrt{v}}$	CDI	AB	P	CDF
4401	2691	1	$\frac{u\sqrt{v}}{\sqrt{1-w^2}\pi}$	CDI	AB	P	CDIF
4402	2692	1	$-\frac{-1+w^2}{u^2v}$	CDI	AB	P	AB
4403	2693	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\sqrt{v}}}$	CDI	AB	P	R
4404	2694	1	$\frac{(1-w^2)^{3/2}}{u^3v^{3/2}}$	CDI	AB	P	K
4405	2695	1	$e^{\frac{\sqrt{1-w^2}}{u\sqrt{v}}}$	CDI	AB	P	E
4406	2696	1	$\log\left(\frac{\sqrt{1-w^2}}{u\sqrt{v}}\right)$	CDI	AB	P	L
4407	2697	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\sqrt{v}}\right)$	CDI	AB	P	S
4408	2698	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\sqrt{v}}\right)$	CDI	AB	P	T

4409	2699	1	$\sqrt{\frac{u^2v - 1 + w^2}{u^2v}}$	CDI	AB	P	P
4410	2699	2	$\sqrt{\frac{u^2v - 1 + w^2}{u^2v}}$	CDI	AB	H	H
4411	2700	1	$\sqrt{\frac{u^2v + 1 - w^2}{u^2v}}$	CDI	AB	P	H
4412	2700	2	$\sqrt{\frac{u^2v + 1 - w^2}{u^2v}}$	CDI	AB	H	P
4413	2701	1	$\frac{\sqrt{-1 + w^2}}{u\sqrt{v}}$	CDI	AB	H	CD
4414	2701	2	$\frac{\sqrt{-1 + w^2}}{u\sqrt{v}}$	CDIF	AB	H	CDF
4415	2702	1	$\frac{u\sqrt{v}}{\sqrt{-1 + w^2}}$	CDI	AB	H	CDI
4416	2702	2	$\frac{u\sqrt{v}}{\sqrt{-1 + w^2}}$	CDIF	AB	H	CDIF
4417	2703	1	$\frac{\sqrt{-1 + w^2}\pi}{u\sqrt{v}}$	CDI	AB	H	CDF
4418	2704	1	$\frac{u\sqrt{v}}{\sqrt{-1 + w^2}\pi}$	CDI	AB	H	CDIF
4419	2705	1	$\frac{-1 + w^2}{u^2v}$	CDI	AB	H	AB
4420	2706	1	$\sqrt{\frac{\sqrt{-1 + w^2}}{u\sqrt{v}}}$	CDI	AB	H	R
4421	2707	1	$\frac{(-1 + w^2)^{3/2}}{u^3v^{3/2}}$	CDI	AB	H	K
4422	2708	1	$e^{\frac{\sqrt{-1 + w^2}}{u\sqrt{v}}}$	CDI	AB	H	E
4423	2709	1	$\log\left(\frac{\sqrt{-1 + w^2}}{u\sqrt{v}}\right)$	CDI	AB	H	L

4424	2710	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\sqrt{v}}\right)$	CDI	AB	H	S
4425	2711	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\sqrt{v}}\right)$	CDI	AB	H	T
4426	2712	1	$\frac{w}{uv^2}$	CDI	R	CD	CD
4427	2712	2	$\frac{w}{uv^2}$	CDI	R	CDF	CDF
4428	2712	3	$\frac{w}{uv^2}$	CDIF	R	CD	CDF
4429	2713	1	$\frac{uv^2}{w}$	CDI	R	CD	CDI
4430	2713	2	$\frac{uv^2}{w}$	CDI	R	CDF	CDIF
4431	2713	3	$\frac{uv^2}{w}$	CDIF	R	CD	CDIF
4432	2714	1	$\frac{w\pi}{uv^2}$	CDI	R	CD	CDF
4433	2715	1	$\frac{uv^2}{w\pi}$	CDI	R	CD	CDIF
4434	2716	1	$\frac{w^2}{u^2v^4}$	CDI	R	CD	AB
4435	2717	1	$\sqrt{\frac{w}{uv^2}}$	CDI	R	CD	R
4436	2718	1	$\frac{w^3}{u^3v^6}$	CDI	R	CD	K
4437	2719	1	$e^{\frac{w}{uv^2}}$	CDI	R	CD	E
4438	2720	1	$\log\left(\frac{w}{uv^2}\right)$	CDI	R	CD	L
4439	2721	1	$\arcsin\left(\frac{w}{uv^2}\right)$	CDI	R	CD	S
4440	2722	1	$\arctan\left(\frac{w}{uv^2}\right)$	CDI	R	CD	T

4441	2723	1	$\sqrt{\frac{u^2v^4 - w^2}{u^2v^4}}$	CDI	R	CD	P
4442	2724	1	$\sqrt{\frac{u^2v^4 + w^2}{u^2v^4}}$	CDI	R	CD	H
4443	2725	1	$\frac{1}{uv^2w}$	CDI	R	CDI	CD
4444	2725	2	$\frac{1}{uv^2w}$	CDI	R	CDIF	CDF
4445	2725	3	$\frac{1}{uv^2w}$	CDIF	R	CDI	CDF
4446	2726	1	uv^2w	CDI	R	CDI	CDI
4447	2726	2	uv^2w	CDI	R	CDIF	CDIF
4448	2726	3	uv^2w	CDIF	R	CDI	CDIF
4449	2726	4	uv^2w	AB	CDI	AB	AB
4450	2727	1	$\frac{\pi}{uv^2w}$	CDI	R	CDI	CDF
4451	2728	1	$\frac{uv^2w}{\pi}$	CDI	R	CDI	CDIF
4452	2729	1	$\frac{1}{u^2v^4w^2}$	CDI	R	CDI	AB
4453	2730	1	$\sqrt{\frac{1}{uv^2w}}$	CDI	R	CDI	R
4454	2731	1	$\frac{1}{u^3v^6w^3}$	CDI	R	CDI	K
4455	2732	1	$e^{\frac{1}{uv^2w}}$	CDI	R	CDI	E
4456	2733	1	$\log\left(\frac{1}{uv^2w}\right)$	CDI	R	CDI	L
4457	2734	1	$\arcsin\left(\frac{1}{uv^2w}\right)$	CDI	R	CDI	S

4458	2735	1	$\arctan\left(\frac{1}{uv^2w}\right)$	CDI	R	CDI	T
4459	2736	1	$\sqrt{\frac{u^2v^4w^2-1}{u^2v^4w^2}}$	CDI	R	CDI	P
4460	2737	1	$\sqrt{\frac{u^2v^4w^2+1}{u^2v^4w^2}}$	CDI	R	CDI	H
4461	2738	1	$\frac{w}{uv^2\pi}$	CDI	R	CDF	CD
4462	2738	2	$\frac{w}{uv^2\pi}$	CDIF	R	CD	CD
4463	2738	3	$\frac{w}{uv^2\pi}$	CDIF	R	CDF	CDF
4464	2739	1	$\frac{uv^2\pi}{w}$	CDI	R	CDF	CDI
4465	2739	2	$\frac{uv^2\pi}{w}$	CDIF	R	CD	CDI
4466	2739	3	$\frac{uv^2\pi}{w}$	CDIF	R	CDF	CDIF
4467	2740	1	$\frac{w^2}{u^2v^4\pi^2}$	CDI	R	CDF	AB
4468	2740	2	$\frac{w^2}{u^2v^4\pi^2}$	CDIF	R	CD	AB
4469	2741	1	$\sqrt{\frac{w}{uv^2\pi}}$	CDI	R	CDF	R
4470	2741	2	$\sqrt{\frac{w}{uv^2\pi}}$	CDIF	R	CD	R
4471	2742	1	$\frac{w^3}{u^3v^6\pi^3}$	CDI	R	CDF	K
4472	2742	2	$\frac{w^3}{u^3v^6\pi^3}$	CDIF	R	CD	K
4473	2743	1	$e^{\frac{w}{uv^2\pi}}$	CDI	R	CDF	E
4474	2743	2	$e^{\frac{w}{uv^2\pi}}$	CDIF	R	CD	E
4475	2744	1	$\log\left(\frac{w}{uv^2\pi}\right)$	CDI	R	CDF	L

4476	2744	2	$\log\left(\frac{w}{uv^2\pi}\right)$	CDIF	R	CD	L
4477	2745	1	$\arcsin\left(\frac{w}{uv^2\pi}\right)$	CDI	R	CDF	S
4478	2745	2	$\arcsin\left(\frac{w}{uv^2\pi}\right)$	CDIF	R	CD	S
4479	2746	1	$\arctan\left(\frac{w}{uv^2\pi}\right)$	CDI	R	CDF	T
4480	2746	2	$\arctan\left(\frac{w}{uv^2\pi}\right)$	CDIF	R	CD	T
4481	2747	1	$\sqrt{\frac{u^2v^4\pi^2 - w^2}{u^2v^4\pi^2}}$	CDI	R	CDF	P
4482	2747	2	$\sqrt{\frac{u^2v^4\pi^2 - w^2}{u^2v^4\pi^2}}$	CDIF	R	CD	P
4483	2748	1	$\sqrt{\frac{u^2v^4\pi^2 + w^2}{u^2v^4\pi^2}}$	CDI	R	CDF	H
4484	2748	2	$\sqrt{\frac{u^2v^4\pi^2 + w^2}{u^2v^4\pi^2}}$	CDIF	R	CD	H
4485	2749	1	$\frac{1}{uv^2w\pi}$	CDI	R	CDIF	CD
4486	2749	2	$\frac{1}{uv^2w\pi}$	CDIF	R	CDI	CD
4487	2749	3	$\frac{1}{uv^2w\pi}$	CDIF	R	CDIF	CDF
4488	2750	1	$uv^2w\pi$	CDI	R	CDIF	CDI
4489	2750	2	$uv^2w\pi$	CDIF	R	CDI	CDI
4490	2750	3	$uv^2w\pi$	CDIF	R	CDIF	CDIF
4491	2751	1	$\frac{1}{u^2v^4w^2\pi^2}$	CDI	R	CDIF	AB
4492	2751	2	$\frac{1}{u^2v^4w^2\pi^2}$	CDIF	R	CDI	AB
4493	2752	1	$\sqrt{\frac{1}{uv^2w\pi}}$	CDI	R	CDIF	R
4494	2752	2	$\sqrt{\frac{1}{uv^2w\pi}}$	CDIF	R	CDI	R

4495	2753	1	$\frac{1}{u^3 v^6 w^3 \pi^3}$	CDI	R	CDIF	K
4496	2753	2	$\frac{1}{u^3 v^6 w^3 \pi^3}$	CDIF	R	CDI	K
4497	2754	1	$e^{\frac{1}{uv^2 w \pi}}$	CDI	R	CDIF	E
4498	2754	2	$e^{\frac{1}{uv^2 w \pi}}$	CDIF	R	CDI	E
4499	2755	1	$\log\left(\frac{1}{uv^2 w \pi}\right)$	CDI	R	CDIF	L
4500	2755	2	$\log\left(\frac{1}{uv^2 w \pi}\right)$	CDIF	R	CDI	L
4501	2756	1	$\arcsin\left(\frac{1}{uv^2 w \pi}\right)$	CDI	R	CDIF	S
4502	2756	2	$\arcsin\left(\frac{1}{uv^2 w \pi}\right)$	CDIF	R	CDI	S
4503	2757	1	$\arctan\left(\frac{1}{uv^2 w \pi}\right)$	CDI	R	CDIF	T
4504	2757	2	$\arctan\left(\frac{1}{uv^2 w \pi}\right)$	CDIF	R	CDI	T
4505	2758	1	$\sqrt{\frac{u^2 v^4 w^2 \pi^2 - 1}{u^2 v^4 w^2 \pi^2}}$	CDI	R	CDIF	P
4506	2758	2	$\sqrt{\frac{u^2 v^4 w^2 \pi^2 - 1}{u^2 v^4 w^2 \pi^2}}$	CDIF	R	CDI	P
4507	2759	1	$\sqrt{\frac{u^2 v^4 w^2 \pi^2 + 1}{u^2 v^4 w^2 \pi^2}}$	CDI	R	CDIF	H
4508	2759	2	$\sqrt{\frac{u^2 v^4 w^2 \pi^2 + 1}{u^2 v^4 w^2 \pi^2}}$	CDIF	R	CDI	H
4509	2760	1	$\frac{\sqrt{w}}{uv^2}$	CDI	R	AB	CD
4510	2760	2	$\frac{\sqrt{w}}{uv^2}$	CDIF	R	AB	CDF
4511	2761	1	$\frac{uv^2}{\sqrt{w}}$	CDI	R	AB	CDI

4512	2761	2	$\frac{uv^2}{\sqrt{w}}$	CDIF	R	AB	CDIF
4513	2762	1	$\frac{\sqrt{w}\pi}{uv^2}$	CDI	R	AB	CDF
4514	2763	1	$\frac{uv^2}{\sqrt{w}\pi}$	CDI	R	AB	CDIF
4515	2764	1	$\frac{w}{u^2v^4}$	CDI	R	AB	AB
4516	2765	1	$\sqrt{\frac{\sqrt{w}}{uv^2}}$	CDI	R	AB	R
4517	2766	1	$\frac{w^{3/2}}{u^3v^6}$	CDI	R	AB	K
4518	2767	1	$e^{\frac{\sqrt{w}}{uv^2}}$	CDI	R	AB	E
4519	2768	1	$\log\left(\frac{\sqrt{w}}{uv^2}\right)$	CDI	R	AB	L
4520	2769	1	$\arcsin\left(\frac{\sqrt{w}}{uv^2}\right)$	CDI	R	AB	S
4521	2770	1	$\arctan\left(\frac{\sqrt{w}}{uv^2}\right)$	CDI	R	AB	T
4522	2771	1	$\sqrt{\frac{u^2v^4 - w}{u^2v^4}}$	CDI	R	AB	P
4523	2772	1	$\sqrt{\frac{u^2v^4 + w}{u^2v^4}}$	CDI	R	AB	H
4524	2773	1	$\frac{w^2}{uv^2}$	CDI	R	R	CD
4525	2773	2	$\frac{w^2}{uv^2}$	CDIF	R	R	CDF
4526	2774	1	$\frac{uv^2}{w^2}$	CDI	R	R	CDI

4527	2774	2	$\frac{uv^2}{w^2}$	CDIF	R	R	CDIF
4528	2774	3	$\frac{uv^2}{w^2}$	AB	CDI	CDI	AB
4529	2774	4	$\frac{uv^2}{w^2}$	AB	CDIF	CDIF	AB
4530	2775	1	$\frac{w^2\pi}{uv^2}$	CDI	R	R	CDF
4531	2776	1	$\frac{uv^2}{w^2\pi}$	CDI	R	R	CDIF
4532	2777	1	$\frac{w^4}{u^2v^4}$	CDI	R	R	AB
4533	2778	1	$\sqrt{\frac{w^2}{uv^2}}$	CDI	R	R	R
4534	2779	1	$\frac{w^6}{u^3v^6}$	CDI	R	R	K
4535	2780	1	$e^{\frac{w^2}{uv^2}}$	CDI	R	R	E
4536	2781	1	$\log\left(\frac{w^2}{uv^2}\right)$	CDI	R	R	L
4537	2782	1	$\arcsin\left(\frac{w^2}{uv^2}\right)$	CDI	R	R	S
4538	2783	1	$\arctan\left(\frac{w^2}{uv^2}\right)$	CDI	R	R	T
4539	2784	1	$\sqrt{\frac{u^2v^4 - w^4}{u^2v^4}}$	CDI	R	R	P
4540	2785	1	$\sqrt{\frac{u^2v^4 + w^4}{u^2v^4}}$	CDI	R	R	H
4541	2786	1	$\frac{\sqrt[3]{w}}{uv^2}$	CDI	R	K	CD
4542	2786	2	$\frac{\sqrt[3]{w}}{uv^2}$	CDIF	R	K	CDF

4543	2787	1	$\frac{uv^2}{\sqrt[3]{w}}$	CDI	R	K	CDI
4544	2787	2	$\frac{uv^2}{\sqrt[3]{w}}$	CDIF	R	K	CDIF
4545	2788	1	$\frac{\sqrt[3]{w}\pi}{uv^2}$	CDI	R	K	CDF
4546	2789	1	$\frac{uv^2}{\sqrt[3]{w}\pi}$	CDI	R	K	CDIF
4547	2790	1	$\frac{w^{2/3}}{u^2v^4}$	CDI	R	K	AB
4548	2791	1	$\sqrt{\frac{\sqrt[3]{w}}{uv^2}}$	CDI	R	K	R
4549	2792	1	$\frac{w}{u^3v^6}$	CDI	R	K	K
4550	2793	1	$e^{\frac{\sqrt[3]{w}}{uv^2}}$	CDI	R	K	E
4551	2794	1	$\log\left(\frac{\sqrt[3]{w}}{uv^2}\right)$	CDI	R	K	L
4552	2795	1	$\arcsin\left(\frac{\sqrt[3]{w}}{uv^2}\right)$	CDI	R	K	S
4553	2796	1	$\arctan\left(\frac{\sqrt[3]{w}}{uv^2}\right)$	CDI	R	K	T
4554	2797	1	$\sqrt{\frac{u^2v^4 - w^{2/3}}{u^2v^4}}$	CDI	R	K	P
4555	2798	1	$\sqrt{\frac{u^2v^4 + w^{2/3}}{u^2v^4}}$	CDI	R	K	H
4556	2799	1	$\frac{\ln(w)}{uv^2}$	CDI	R	E	CD
4557	2799	2	$\frac{\ln(w)}{uv^2}$	CDIF	R	E	CDF

4558	2800	1	$\frac{uv^2}{\ln(w)}$	CDI	R	E	CDI
4559	2800	2	$\frac{uv^2}{\ln(w)}$	CDIF	R	E	CDIF
4560	2801	1	$\frac{\ln(w) \pi}{uv^2}$	CDI	R	E	CDF
4561	2802	1	$\frac{uv^2}{\ln(w) \pi}$	CDI	R	E	CDIF
4562	2803	1	$\frac{(\ln(w))^2}{u^2 v^4}$	CDI	R	E	AB
4563	2804	1	$\sqrt{\frac{\ln(w)}{uv^2}}$	CDI	R	E	R
4564	2805	1	$\frac{(\ln(w))^3}{u^3 v^6}$	CDI	R	E	K
4565	2806	1	$w^{\frac{1}{uv^2}}$	CDI	R	E	E
4566	2807	1	$\log\left(\frac{\ln(w)}{uv^2}\right)$	CDI	R	E	L
4567	2808	1	$\arcsin\left(\frac{\ln(w)}{uv^2}\right)$	CDI	R	E	S
4568	2809	1	$\arctan\left(\frac{\ln(w)}{uv^2}\right)$	CDI	R	E	T
4569	2810	1	$\sqrt{\frac{u^2 v^4 - (\ln(w))^2}{u^2 v^4}}$	CDI	R	E	P
4570	2811	1	$\sqrt{\frac{u^2 v^4 + (\ln(w))^2}{u^2 v^4}}$	CDI	R	E	H
4571	2812	1	$\frac{\text{Exp}(w)}{uv^2}$	CDI	R	L	CD
4572	2812	2	$\frac{\text{Exp}(w)}{uv^2}$	CDIF	R	L	CDF

4573	2813	1	$\frac{uv^2}{Exp(w)}$	CDI	R	L	CDI
4574	2813	2	$\frac{uv^2}{Exp(w)}$	CDIF	R	L	CDIF
4575	2814	1	$\frac{Exp(w) \pi}{uv^2}$	CDI	R	L	CDF
4576	2815	1	$\frac{uv^2}{Exp(w) \pi}$	CDI	R	L	CDIF
4577	2816	1	$\frac{(Exp(w))^2}{u^2v^4}$	CDI	R	L	AB
4578	2817	1	$\sqrt{\frac{Exp(w)}{uv^2}}$	CDI	R	L	R
4579	2818	1	$\frac{(Exp(w))^3}{u^3v^6}$	CDI	R	L	K
4580	2819	1	$e^{\frac{Exp(w)}{uv^2}}$	CDI	R	L	E
4581	2820	1	$\log\left(\frac{Exp(w)}{uv^2}\right)$	CDI	R	L	L
4582	2821	1	$\arcsin\left(\frac{Exp(w)}{uv^2}\right)$	CDI	R	L	S
4583	2822	1	$\arctan\left(\frac{Exp(w)}{uv^2}\right)$	CDI	R	L	T
4584	2823	1	$\sqrt{\frac{u^2v^4 - (Exp(w))^2}{u^2v^4}}$	CDI	R	L	P
4585	2824	1	$\sqrt{\frac{u^2v^4 + (Exp(w))^2}{u^2v^4}}$	CDI	R	L	H
4586	2825	1	$\frac{\sin(w)}{uv^2}$	CDI	R	S	CD
4587	2825	2	$\frac{\sin(w)}{uv^2}$	CDIF	R	S	CDF

4588	2826	1	$\frac{uv^2}{\sin(w)}$	CDI	R	S	CDI
4589	2826	2	$\frac{uv^2}{\sin(w)}$	CDIF	R	S	CDIF
4590	2827	1	$\frac{\sin(w) \pi}{uv^2}$	CDI	R	S	CDF
4591	2828	1	$\frac{uv^2}{\sin(w) \pi}$	CDI	R	S	CDIF
4592	2829	1	$\frac{(\sin(w))^2}{u^2v^4}$	CDI	R	S	AB
4593	2830	1	$\sqrt{\frac{\sin(w)}{uv^2}}$	CDI	R	S	R
4594	2831	1	$\frac{(\sin(w))^3}{u^3v^6}$	CDI	R	S	K
4595	2832	1	$e^{\frac{\sin(w)}{uv^2}}$	CDI	R	S	E
4596	2833	1	$\log\left(\frac{\sin(w)}{uv^2}\right)$	CDI	R	S	L
4597	2834	1	$\arcsin\left(\frac{\sin(w)}{uv^2}\right)$	CDI	R	S	S
4598	2835	1	$\arctan\left(\frac{\sin(w)}{uv^2}\right)$	CDI	R	S	T
4599	2836	1	$\sqrt{\frac{u^2v^4 - 1 + (\cos(w))^2}{u^2v^4}}$	CDI	R	S	P
4600	2837	1	$\sqrt{\frac{u^2v^4 + 1 - (\cos(w))^2}{u^2v^4}}$	CDI	R	S	H
4601	2838	1	$\frac{\tan(w)}{uv^2}$	CDI	R	T	CD
4602	2838	2	$\frac{\tan(w)}{uv^2}$	CDIF	R	T	CDF

4603	2839	1	$\frac{uv^2}{\tan(w)}$	CDI	R	T	CDI
4604	2839	2	$\frac{uv^2}{\tan(w)}$	CDIF	R	T	CDIF
4605	2840	1	$\frac{\tan(w)\pi}{uv^2}$	CDI	R	T	CDF
4606	2841	1	$\frac{uv^2}{\tan(w)\pi}$	CDI	R	T	CDIF
4607	2842	1	$\frac{(\tan(w))^2}{u^2v^4}$	CDI	R	T	AB
4608	2843	1	$\sqrt{\frac{\tan(w)}{uv^2}}$	CDI	R	T	R
4609	2844	1	$\frac{(\tan(w))^3}{u^3v^6}$	CDI	R	T	K
4610	2845	1	$e^{\frac{\tan(w)}{uv^2}}$	CDI	R	T	E
4611	2846	1	$\log\left(\frac{\tan(w)}{uv^2}\right)$	CDI	R	T	L
4612	2847	1	$\arcsin\left(\frac{\tan(w)}{uv^2}\right)$	CDI	R	T	S
4613	2848	1	$\arctan\left(\frac{\tan(w)}{uv^2}\right)$	CDI	R	T	T
4614	2849	1	$\sqrt{\frac{u^2v^4 - (\tan(w))^2}{u^2v^4}}$	CDI	R	T	P
4615	2850	1	$\sqrt{\frac{u^2v^4 + (\tan(w))^2}{u^2v^4}}$	CDI	R	T	H
4616	2851	1	$\frac{\sqrt{-(w-1)(w+1)}}{uv^2}$	CDI	R	P	CD
4617	2851	2	$\frac{\sqrt{-(w-1)(w+1)}}{uv^2}$	CDIF	R	P	CDF

4618	2852	1	$\frac{uv^2}{\sqrt{1-w^2}}$	CDI	R	P	CDI
4619	2852	2	$\frac{uv^2}{\sqrt{1-w^2}}$	CDIF	R	P	CDIF
4620	2853	1	$\frac{\sqrt{-(w-1)(w+1)}\pi}{uv^2}$	CDI	R	P	CDF
4621	2854	1	$\frac{uv^2}{\sqrt{1-w^2}\pi}$	CDI	R	P	CDIF
4622	2855	1	$-\frac{-1+w^2}{u^2v^4}$	CDI	R	P	AB
4623	2856	1	$\sqrt{\frac{\sqrt{-(w-1)(w+1)}}{uv^2}}$	CDI	R	P	R
4624	2857	1	$\frac{(1-w^2)^{3/2}}{u^3v^6}$	CDI	R	P	K
4625	2858	1	$e^{\frac{\sqrt{-(w-1)(w+1)}}{uv^2}}$	CDI	R	P	E
4626	2859	1	$\log\left(\frac{\sqrt{-(w-1)(w+1)}}{uv^2}\right)$	CDI	R	P	L
4627	2860	1	$\arcsin\left(\frac{\sqrt{-(w-1)(w+1)}}{uv^2}\right)$	CDI	R	P	S
4628	2861	1	$\arctan\left(\frac{\sqrt{-(w-1)(w+1)}}{uv^2}\right)$	CDI	R	P	T
4629	2862	1	$\sqrt{\frac{u^2v^4-1+w^2}{u^2v^4}}$	CDI	R	P	P
4630	2862	2	$\sqrt{\frac{u^2v^4-1+w^2}{u^2v^4}}$	CDI	R	H	H
4631	2863	1	$\sqrt{\frac{u^2v^4+1-w^2}{u^2v^4}}$	CDI	R	P	H

4632	2863	2	$\sqrt{\frac{u^2 v^4 + 1 - w^2}{u^2 v^4}}$	CDI	R	H	P
4633	2864	1	$\frac{\sqrt{(w-1)(w+1)}}{uv^2}$	CDI	R	H	CD
4634	2864	2	$\frac{\sqrt{(w-1)(w+1)}}{uv^2}$	CDIF	R	H	CDF
4635	2865	1	$\frac{uv^2}{\sqrt{-1+w^2}}$	CDI	R	H	CDI
4636	2865	2	$\frac{uv^2}{\sqrt{-1+w^2}}$	CDIF	R	H	CDIF
4637	2866	1	$\frac{\sqrt{(w-1)(w+1)}\pi}{uv^2}$	CDI	R	H	CDF
4638	2867	1	$\frac{uv^2}{\sqrt{-1+w^2}\pi}$	CDI	R	H	CDIF
4639	2868	1	$\frac{-1+w^2}{u^2 v^4}$	CDI	R	H	AB
4640	2869	1	$\sqrt{\frac{\sqrt{(w-1)(w+1)}}{uv^2}}$	CDI	R	H	R
4641	2870	1	$\frac{(-1+w^2)^{3/2}}{u^3 v^6}$	CDI	R	H	K
4642	2871	1	$e^{\frac{\sqrt{(w-1)(w+1)}}{uv^2}}$	CDI	R	H	E
4643	2872	1	$\log\left(\frac{\sqrt{(w-1)(w+1)}}{uv^2}\right)$	CDI	R	H	L
4644	2873	1	$\arcsin\left(\frac{\sqrt{(w-1)(w+1)}}{uv^2}\right)$	CDI	R	H	S
4645	2874	1	$\arctan\left(\frac{\sqrt{(w-1)(w+1)}}{uv^2}\right)$	CDI	R	H	T
4646	2875	1	$\frac{w}{u\sqrt[3]{v}}$	CDI	K	CD	CD

4647	2875	2	$\frac{w}{u\sqrt[3]{v}}$	CDI	K	CDF	CDF
4648	2875	3	$\frac{w}{u\sqrt[3]{v}}$	CDIF	K	CD	CDF
4649	2876	1	$\frac{u\sqrt[3]{v}}{w}$	CDI	K	CD	CDI
4650	2876	2	$\frac{u\sqrt[3]{v}}{w}$	CDI	K	CDF	CDIF
4651	2876	3	$\frac{u\sqrt[3]{v}}{w}$	CDIF	K	CD	CDIF
4652	2877	1	$\frac{w\pi}{u\sqrt[3]{v}}$	CDI	K	CD	CDF
4653	2878	1	$\frac{u\sqrt[3]{v}}{w\pi}$	CDI	K	CD	CDIF
4654	2879	1	$\frac{w^2}{u^2v^{2/3}}$	CDI	K	CD	AB
4655	2880	1	$\sqrt{\frac{w}{u\sqrt[3]{v}}}$	CDI	K	CD	R
4656	2881	1	$\frac{w^3}{u^3v}$	CDI	K	CD	K
4657	2882	1	$e^{\frac{w}{u\sqrt[3]{v}}}$	CDI	K	CD	E
4658	2883	1	$\log\left(\frac{w}{u\sqrt[3]{v}}\right)$	CDI	K	CD	L
4659	2884	1	$\arcsin\left(\frac{w}{u\sqrt[3]{v}}\right)$	CDI	K	CD	S
4660	2885	1	$\arctan\left(\frac{w}{u\sqrt[3]{v}}\right)$	CDI	K	CD	T
4661	2886	1	$\sqrt{\frac{u^2v^{2/3} - w^2}{u^2v^{2/3}}}$	CDI	K	CD	P
4662	2887	1	$\sqrt{\frac{u^2v^{2/3} + w^2}{u^2v^{2/3}}}$	CDI	K	CD	H

4663	2888	1	$\frac{1}{u\sqrt[3]{vw}}$	CDI	K	CDI	CD
4664	2888	2	$\frac{1}{u\sqrt[3]{vw}}$	CDI	K	CDIF	CDF
4665	2888	3	$\frac{1}{u\sqrt[3]{vw}}$	CDIF	K	CDI	CDF
4666	2889	1	$u\sqrt[3]{vw}$	CDI	K	CDI	CDI
4667	2889	2	$u\sqrt[3]{vw}$	CDI	K	CDIF	CDIF
4668	2889	3	$u\sqrt[3]{vw}$	CDIF	K	CDI	CDIF
4669	2890	1	$\frac{\pi}{u\sqrt[3]{vw}}$	CDI	K	CDI	CDF
4670	2891	1	$\frac{u\sqrt[3]{vw}}{\pi}$	CDI	K	CDI	CDIF
4671	2892	1	$\frac{1}{u^2v^{2/3}w^2}$	CDI	K	CDI	AB
4672	2893	1	$\sqrt{\frac{1}{u\sqrt[3]{vw}}}$	CDI	K	CDI	R
4673	2894	1	$\frac{1}{u^3vw^3}$	CDI	K	CDI	K
4674	2895	1	$e^{\frac{1}{u\sqrt[3]{vw}}}$	CDI	K	CDI	E
4675	2896	1	$\log\left(\frac{1}{u\sqrt[3]{vw}}\right)$	CDI	K	CDI	L
4676	2897	1	$\arcsin\left(\frac{1}{u\sqrt[3]{vw}}\right)$	CDI	K	CDI	S
4677	2898	1	$\arctan\left(\frac{1}{u\sqrt[3]{vw}}\right)$	CDI	K	CDI	T
4678	2899	1	$\sqrt{\frac{u^2v^{2/3}w^2-1}{u^2v^{2/3}w^2}}$	CDI	K	CDI	P
4679	2900	1	$\sqrt{\frac{u^2v^{2/3}w^2+1}{u^2v^{2/3}w^2}}$	CDI	K	CDI	H

4680	2901	1	$\frac{w}{u\sqrt[3]{v}\pi}$	CDI	K	CDF	CD
4681	2901	2	$\frac{w}{u\sqrt[3]{v}\pi}$	CDIF	K	CD	CD
4682	2901	3	$\frac{w}{u\sqrt[3]{v}\pi}$	CDIF	K	CDF	CDF
4683	2902	1	$\frac{u\sqrt[3]{v}\pi}{w}$	CDI	K	CDF	CDI
4684	2902	2	$\frac{u\sqrt[3]{v}\pi}{w}$	CDIF	K	CD	CDI
4685	2902	3	$\frac{u\sqrt[3]{v}\pi}{w}$	CDIF	K	CDF	CDIF
4686	2903	1	$\frac{w^2}{u^2v^{2/3}\pi^2}$	CDI	K	CDF	AB
4687	2903	2	$\frac{w^2}{u^2v^{2/3}\pi^2}$	CDIF	K	CD	AB
4688	2904	1	$\sqrt{\frac{w}{u\sqrt[3]{v}\pi}}$	CDI	K	CDF	R
4689	2904	2	$\sqrt{\frac{w}{u\sqrt[3]{v}\pi}}$	CDIF	K	CD	R
4690	2905	1	$\frac{w^3}{u^3v\pi^3}$	CDI	K	CDF	K
4691	2905	2	$\frac{w^3}{u^3v\pi^3}$	CDIF	K	CD	K
4692	2906	1	$e^{\frac{w}{u\sqrt[3]{v}\pi}}$	CDI	K	CDF	E
4693	2906	2	$e^{\frac{w}{u\sqrt[3]{v}\pi}}$	CDIF	K	CD	E
4694	2907	1	$\log\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDI	K	CDF	L
4695	2907	2	$\log\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDIF	K	CD	L
4696	2908	1	$\arcsin\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDI	K	CDF	S
4697	2908	2	$\arcsin\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDIF	K	CD	S

4698	2909	1	$\arctan\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDI	K	CDF	T
4699	2909	2	$\arctan\left(\frac{w}{u\sqrt[3]{v}\pi}\right)$	CDIF	K	CD	T
4700	2910	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 - w^2}{u^2v^{2/3}\pi^2}}$	CDI	K	CDF	P
4701	2910	2	$\sqrt{\frac{u^2v^{2/3}\pi^2 - w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	CD	P
4702	2911	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 + w^2}{u^2v^{2/3}\pi^2}}$	CDI	K	CDF	H
4703	2911	2	$\sqrt{\frac{u^2v^{2/3}\pi^2 + w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	CD	H
4704	2912	1	$\frac{1}{u\sqrt[3]{v}w\pi}$	CDI	K	CDIF	CD
4705	2912	2	$\frac{1}{u\sqrt[3]{v}w\pi}$	CDIF	K	CDI	CD
4706	2912	3	$\frac{1}{u\sqrt[3]{v}w\pi}$	CDIF	K	CDIF	CDF
4707	2913	1	$u\sqrt[3]{v}w\pi$	CDI	K	CDIF	CDI
4708	2913	2	$u\sqrt[3]{v}w\pi$	CDIF	K	CDI	CDI
4709	2913	3	$u\sqrt[3]{v}w\pi$	CDIF	K	CDIF	CDIF
4710	2914	1	$\frac{1}{u^2v^{2/3}w^2\pi^2}$	CDI	K	CDIF	AB
4711	2914	2	$\frac{1}{u^2v^{2/3}w^2\pi^2}$	CDIF	K	CDI	AB
4712	2915	1	$\sqrt{\frac{1}{u\sqrt[3]{v}w\pi}}$	CDI	K	CDIF	R
4713	2915	2	$\sqrt{\frac{1}{u\sqrt[3]{v}w\pi}}$	CDIF	K	CDI	R
4714	2916	1	$\frac{1}{u^3vw^3\pi^3}$	CDI	K	CDIF	K
4715	2916	2	$\frac{1}{u^3vw^3\pi^3}$	CDIF	K	CDI	K

4716	2917	1	$e^{\frac{1}{u\sqrt[3]{v}w\pi}}$	CDI	K	CDIF	E
4717	2917	2	$e^{\frac{1}{u\sqrt[3]{v}w\pi}}$	CDIF	K	CDI	E
4718	2918	1	$\log\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDI	K	CDIF	L
4719	2918	2	$\log\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDIF	K	CDI	L
4720	2919	1	$\arcsin\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDI	K	CDIF	S
4721	2919	2	$\arcsin\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDIF	K	CDI	S
4722	2920	1	$\arctan\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDI	K	CDIF	T
4723	2920	2	$\arctan\left(\frac{1}{u\sqrt[3]{v}w\pi}\right)$	CDIF	K	CDI	T
4724	2921	1	$\sqrt{\frac{u^2v^{2/3}w^2\pi^2-1}{u^2v^{2/3}w^2\pi^2}}$	CDI	K	CDIF	P
4725	2921	2	$\sqrt{\frac{u^2v^{2/3}w^2\pi^2-1}{u^2v^{2/3}w^2\pi^2}}$	CDIF	K	CDI	P
4726	2922	1	$\sqrt{\frac{u^2v^{2/3}w^2\pi^2+1}{u^2v^{2/3}w^2\pi^2}}$	CDI	K	CDIF	H
4727	2922	2	$\sqrt{\frac{u^2v^{2/3}w^2\pi^2+1}{u^2v^{2/3}w^2\pi^2}}$	CDIF	K	CDI	H
4728	2923	1	$\frac{\sqrt{w}}{u\sqrt[3]{v}}$	CDI	K	AB	CD
4729	2923	2	$\frac{\sqrt{w}}{u\sqrt[3]{v}}$	CDIF	K	AB	CDF
4730	2924	1	$\frac{u\sqrt[3]{v}}{\sqrt{w}}$	CDI	K	AB	CDI
4731	2924	2	$\frac{u\sqrt[3]{v}}{\sqrt{w}}$	CDIF	K	AB	CDIF
4732	2925	1	$\frac{\sqrt{w}\pi}{u\sqrt[3]{v}}$	CDI	K	AB	CDF

4733	2926	1	$\frac{u\sqrt[3]{v}}{\sqrt{w}\pi}$	CDI	K	AB	CDIF
4734	2927	1	$\frac{w}{u^2v^{2/3}}$	CDI	K	AB	AB
4735	2928	1	$\sqrt{\frac{\sqrt{w}}{u\sqrt[3]{v}}}$	CDI	K	AB	R
4736	2929	1	$\frac{w^{3/2}}{u^3v}$	CDI	K	AB	K
4737	2930	1	$e^{\frac{\sqrt{w}}{u\sqrt[3]{v}}}$	CDI	K	AB	E
4738	2931	1	$\log\left(\frac{\sqrt{w}}{u\sqrt[3]{v}}\right)$	CDI	K	AB	L
4739	2932	1	$\arcsin\left(\frac{\sqrt{w}}{u\sqrt[3]{v}}\right)$	CDI	K	AB	S
4740	2933	1	$\arctan\left(\frac{\sqrt{w}}{u\sqrt[3]{v}}\right)$	CDI	K	AB	T
4741	2934	1	$\sqrt{\frac{u^2v^{2/3}-w}{u^2v^{2/3}}}$	CDI	K	AB	P
4742	2935	1	$\sqrt{\frac{u^2v^{2/3}+w}{u^2v^{2/3}}}$	CDI	K	AB	H
4743	2936	1	$\frac{w^2}{u\sqrt[3]{v}}$	CDI	K	R	CD
4744	2936	2	$\frac{w^2}{u\sqrt[3]{v}}$	CDIF	K	R	CDF
4745	2937	1	$\frac{u\sqrt[3]{v}}{w^2}$	CDI	K	R	CDI
4746	2937	2	$\frac{u\sqrt[3]{v}}{w^2}$	CDIF	K	R	CDIF
4747	2938	1	$\frac{w^2\pi}{u\sqrt[3]{v}}$	CDI	K	R	CDF

4748	2939	1	$\frac{u\sqrt[3]{v}}{w^2\pi}$	CDI	K	R	CDIF
4749	2940	1	$\frac{w^4}{u^2v^{2/3}}$	CDI	K	R	AB
4750	2941	1	$\sqrt{\frac{w^2}{u\sqrt[3]{v}}}$	CDI	K	R	R
4751	2942	1	$\frac{w^6}{u^3v}$	CDI	K	R	K
4752	2943	1	$e^{\frac{w^2}{u\sqrt[3]{v}}}$	CDI	K	R	E
4753	2944	1	$\log\left(\frac{w^2}{u\sqrt[3]{v}}\right)$	CDI	K	R	L
4754	2945	1	$\arcsin\left(\frac{w^2}{u\sqrt[3]{v}}\right)$	CDI	K	R	S
4755	2946	1	$\arctan\left(\frac{w^2}{u\sqrt[3]{v}}\right)$	CDI	K	R	T
4756	2947	1	$\sqrt{\frac{u^2v^{2/3}-w^4}{u^2v^{2/3}}}$	CDI	K	R	P
4757	2948	1	$\sqrt{\frac{u^2v^{2/3}+w^4}{u^2v^{2/3}}}$	CDI	K	R	H
4758	2949	1	$\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}$	CDI	K	K	CD
4759	2949	2	$\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}$	CDIF	K	K	CDF
4760	2950	1	$\frac{u\sqrt[3]{v}}{\sqrt[3]{w}}$	CDI	K	K	CDI
4761	2950	2	$\frac{u\sqrt[3]{v}}{\sqrt[3]{w}}$	CDIF	K	K	CDIF
4762	2951	1	$\frac{\sqrt[3]{w}\pi}{u\sqrt[3]{v}}$	CDI	K	K	CDF

4763	2952	1	$\frac{u\sqrt[3]{v}}{\sqrt[3]{w}\pi}$	CDI	K	K	CDIF
4764	2953	1	$\frac{w^{2/3}}{u^2v^{2/3}}$	CDI	K	K	AB
4765	2954	1	$\sqrt{\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}}$	CDI	K	K	R
4766	2955	1	$\frac{w}{u^3v}$	CDI	K	K	K
4767	2956	1	$e^{\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}}$	CDI	K	K	E
4768	2957	1	$\log\left(\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}\right)$	CDI	K	K	L
4769	2958	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}\right)$	CDI	K	K	S
4770	2959	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\sqrt[3]{v}}\right)$	CDI	K	K	T
4771	2960	1	$\sqrt{\frac{u^2v^{2/3} - w^{2/3}}{u^2v^{2/3}}}$	CDI	K	K	P
4772	2961	1	$\sqrt{\frac{u^2v^{2/3} + w^{2/3}}{u^2v^{2/3}}}$	CDI	K	K	H
4773	2962	1	$\frac{\ln(w)}{u\sqrt[3]{v}}$	CDI	K	E	CD
4774	2962	2	$\frac{\ln(w)}{u\sqrt[3]{v}}$	CDIF	K	E	CDF
4775	2963	1	$\frac{u\sqrt[3]{v}}{\ln(w)}$	CDI	K	E	CDI
4776	2963	2	$\frac{u\sqrt[3]{v}}{\ln(w)}$	CDIF	K	E	CDIF
4777	2964	1	$\frac{\ln(w)\pi}{u\sqrt[3]{v}}$	CDI	K	E	CDF

4778	2965	1	$\frac{u\sqrt[3]{v}}{\ln(w)\pi}$	CDI	K	E	CDIF
4779	2966	1	$\frac{(\ln(w))^2}{u^2v^{2/3}}$	CDI	K	E	AB
4780	2967	1	$\sqrt{\frac{\ln(w)}{u\sqrt[3]{v}}}$	CDI	K	E	R
4781	2968	1	$\frac{(\ln(w))^3}{u^3v}$	CDI	K	E	K
4782	2969	1	$w^{\frac{1}{u\sqrt[3]{v}}}$	CDI	K	E	E
4783	2970	1	$\log\left(\frac{\ln(w)}{u\sqrt[3]{v}}\right)$	CDI	K	E	L
4784	2971	1	$\arcsin\left(\frac{\ln(w)}{u\sqrt[3]{v}}\right)$	CDI	K	E	S
4785	2972	1	$\arctan\left(\frac{\ln(w)}{u\sqrt[3]{v}}\right)$	CDI	K	E	T
4786	2973	1	$\sqrt{\frac{u^2v^{2/3} - (\ln(w))^2}{u^2v^{2/3}}}$	CDI	K	E	P
4787	2974	1	$\sqrt{\frac{u^2v^{2/3} + (\ln(w))^2}{u^2v^{2/3}}}$	CDI	K	E	H
4788	2975	1	$\frac{\text{Exp}(w)}{u\sqrt[3]{v}}$	CDI	K	L	CD
4789	2975	2	$\frac{\text{Exp}(w)}{u\sqrt[3]{v}}$	CDIF	K	L	CDF
4790	2976	1	$\frac{u\sqrt[3]{v}}{\text{Exp}(w)}$	CDI	K	L	CDI
4791	2976	2	$\frac{u\sqrt[3]{v}}{\text{Exp}(w)}$	CDIF	K	L	CDIF

4792	2977	1	$\frac{Exp(w) \pi}{u \sqrt[3]{v}}$	CDI	K	L	CDF
4793	2978	1	$\frac{u \sqrt[3]{v}}{Exp(w) \pi}$	CDI	K	L	CDIF
4794	2979	1	$\frac{(Exp(w))^2}{u^2 v^{2/3}}$	CDI	K	L	AB
4795	2980	1	$\sqrt{\frac{Exp(w)}{u \sqrt[3]{v}}}$	CDI	K	L	R
4796	2981	1	$\frac{(Exp(w))^3}{u^3 v}$	CDI	K	L	K
4797	2982	1	$e^{\frac{Exp(w)}{u \sqrt[3]{v}}}$	CDI	K	L	E
4798	2983	1	$\log\left(\frac{Exp(w)}{u \sqrt[3]{v}}\right)$	CDI	K	L	L
4799	2984	1	$\arcsin\left(\frac{Exp(w)}{u \sqrt[3]{v}}\right)$	CDI	K	L	S
4800	2985	1	$\arctan\left(\frac{Exp(w)}{u \sqrt[3]{v}}\right)$	CDI	K	L	T
4801	2986	1	$\sqrt{\frac{u^2 v^{2/3} - (Exp(w))^2}{u^2 v^{2/3}}}$	CDI	K	L	P
4802	2987	1	$\sqrt{\frac{u^2 v^{2/3} + (Exp(w))^2}{u^2 v^{2/3}}}$	CDI	K	L	H
4803	2988	1	$\frac{\sin(w)}{u \sqrt[3]{v}}$	CDI	K	S	CD
4804	2988	2	$\frac{\sin(w)}{u \sqrt[3]{v}}$	CDIF	K	S	CDF
4805	2989	1	$\frac{u \sqrt[3]{v}}{\sin(w)}$	CDI	K	S	CDI
4806	2989	2	$\frac{u \sqrt[3]{v}}{\sin(w)}$	CDIF	K	S	CDIF

4807	2990	1	$\frac{\sin(w) \pi}{u \sqrt[3]{v}}$	CDI	K	S	CDF
4808	2991	1	$\frac{u \sqrt[3]{v}}{\sin(w) \pi}$	CDI	K	S	CDIF
4809	2992	1	$\frac{(\sin(w))^2}{u^2 v^{2/3}}$	CDI	K	S	AB
4810	2993	1	$\sqrt{\frac{\sin(w)}{u \sqrt[3]{v}}}$	CDI	K	S	R
4811	2994	1	$\frac{(\sin(w))^3}{u^3 v}$	CDI	K	S	K
4812	2995	1	$e^{\frac{\sin(w)}{u \sqrt[3]{v}}}$	CDI	K	S	E
4813	2996	1	$\log\left(\frac{\sin(w)}{u \sqrt[3]{v}}\right)$	CDI	K	S	L
4814	2997	1	$\arcsin\left(\frac{\sin(w)}{u \sqrt[3]{v}}\right)$	CDI	K	S	S
4815	2998	1	$\arctan\left(\frac{\sin(w)}{u \sqrt[3]{v}}\right)$	CDI	K	S	T
4816	2999	1	$\sqrt{\frac{u^2 v^{2/3} + (\cos(w))^2 - 1}{u^2 v^{2/3}}}$	CDI	K	S	P
4817	3000	1	$\sqrt{\frac{u^2 v^{2/3} - (\cos(w))^2 + 1}{u^2 v^{2/3}}}$	CDI	K	S	H
4818	3001	1	$\frac{\tan(w)}{u \sqrt[3]{v}}$	CDI	K	T	CD
4819	3001	2	$\frac{\tan(w)}{u \sqrt[3]{v}}$	CDIF	K	T	CDF
4820	3002	1	$\frac{u \sqrt[3]{v}}{\tan(w)}$	CDI	K	T	CDI

4821	3002	2	$\frac{u\sqrt[3]{v}}{\tan(w)}$	CDIF	K	T	CDIF
4822	3003	1	$\frac{\tan(w)\pi}{u\sqrt[3]{v}}$	CDI	K	T	CDF
4823	3004	1	$\frac{u\sqrt[3]{v}}{\tan(w)\pi}$	CDI	K	T	CDIF
4824	3005	1	$\frac{(\tan(w))^2}{u^2v^{2/3}}$	CDI	K	T	AB
4825	3006	1	$\sqrt{\frac{\tan(w)}{u\sqrt[3]{v}}}$	CDI	K	T	R
4826	3007	1	$\frac{(\tan(w))^3}{u^3v}$	CDI	K	T	K
4827	3008	1	$e^{\frac{\tan(w)}{u\sqrt[3]{v}}}$	CDI	K	T	E
4828	3009	1	$\log\left(\frac{\tan(w)}{u\sqrt[3]{v}}\right)$	CDI	K	T	L
4829	3010	1	$\arcsin\left(\frac{\tan(w)}{u\sqrt[3]{v}}\right)$	CDI	K	T	S
4830	3011	1	$\arctan\left(\frac{\tan(w)}{u\sqrt[3]{v}}\right)$	CDI	K	T	T
4831	3012	1	$\sqrt{\frac{u^2v^{2/3} - (\tan(w))^2}{u^2v^{2/3}}}$	CDI	K	T	P
4832	3013	1	$\sqrt{\frac{u^2v^{2/3} + (\tan(w))^2}{u^2v^{2/3}}}$	CDI	K	T	H
4833	3014	1	$\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}$	CDI	K	P	CD
4834	3014	2	$\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}$	CDIF	K	P	CDF
4835	3015	1	$\frac{u\sqrt[3]{v}}{\sqrt{1-w^2}}$	CDI	K	P	CDI

4836	3015	2	$\frac{u\sqrt[3]{v}}{\sqrt{1-w^2}}$	CDIF	K	P	CDIF
4837	3016	1	$\frac{\sqrt{1-w^2}\pi}{u\sqrt[3]{v}}$	CDI	K	P	CDF
4838	3017	1	$\frac{u\sqrt[3]{v}}{\sqrt{1-w^2}\pi}$	CDI	K	P	CDIF
4839	3018	1	$-\frac{-1+w^2}{u^2v^{2/3}}$	CDI	K	P	AB
4840	3019	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}}$	CDI	K	P	R
4841	3020	1	$\frac{(1-w^2)^{3/2}}{u^3v}$	CDI	K	P	K
4842	3021	1	$e^{\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}}$	CDI	K	P	E
4843	3022	1	$\log\left(\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	P	L
4844	3023	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	P	S
4845	3024	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	P	T
4846	3025	1	$\sqrt{\frac{u^2v^{2/3}-1+w^2}{u^2v^{2/3}}}$	CDI	K	P	P
4847	3025	2	$\sqrt{\frac{u^2v^{2/3}-1+w^2}{u^2v^{2/3}}}$	CDI	K	H	H
4848	3026	1	$\sqrt{\frac{u^2v^{2/3}+1-w^2}{u^2v^{2/3}}}$	CDI	K	P	H
4849	3026	2	$\sqrt{\frac{u^2v^{2/3}+1-w^2}{u^2v^{2/3}}}$	CDI	K	H	P
4850	3027	1	$\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}$	CDI	K	H	CD

4851	3027	2	$\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}$	CDIF	K	H	CDF
4852	3028	1	$\frac{u\sqrt[3]{v}}{\sqrt{-1+w^2}}$	CDI	K	H	CDI
4853	3028	2	$\frac{u\sqrt[3]{v}}{\sqrt{-1+w^2}}$	CDIF	K	H	CDIF
4854	3029	1	$\frac{\sqrt{-1+w^2}\pi}{u\sqrt[3]{v}}$	CDI	K	H	CDF
4855	3030	1	$\frac{u\sqrt[3]{v}}{\sqrt{-1+w^2}\pi}$	CDI	K	H	CDIF
4856	3031	1	$\frac{-1+w^2}{u^2v^{2/3}}$	CDI	K	H	AB
4857	3032	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}}$	CDI	K	H	R
4858	3033	1	$\frac{(-1+w^2)^{3/2}}{u^3v}$	CDI	K	H	K
4859	3034	1	$e^{\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}}$	CDI	K	H	E
4860	3035	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	H	L
4861	3036	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	H	S
4862	3037	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\sqrt[3]{v}}\right)$	CDI	K	H	T
4863	3038	1	$\frac{w}{u\ln(v)}$	CDI	E	CD	CD
4864	3038	2	$\frac{w}{u\ln(v)}$	CDI	E	CDF	CDF
4865	3038	3	$\frac{w}{u\ln(v)}$	CDIF	E	CD	CDF

4866	3039	1	$\frac{u \ln(v)}{w}$	CDI	E	CD	CDI
4867	3039	2	$\frac{u \ln(v)}{w}$	CDI	E	CDF	CDIF
4868	3039	3	$\frac{u \ln(v)}{w}$	CDIF	E	CD	CDIF
4869	3040	1	$\frac{w\pi}{u \ln(v)}$	CDI	E	CD	CDF
4870	3041	1	$\frac{u \ln(v)}{w\pi}$	CDI	E	CD	CDIF
4871	3042	1	$\frac{w^2}{u^2 (\ln(v))^2}$	CDI	E	CD	AB
4872	3043	1	$\sqrt{\frac{w}{u \ln(v)}}$	CDI	E	CD	R
4873	3044	1	$\frac{w^3}{u^3 (\ln(v))^3}$	CDI	E	CD	K
4874	3045	1	$e^{\frac{w}{u \ln(v)}}$	CDI	E	CD	E
4875	3046	1	$\log\left(\frac{w}{u \ln(v)}\right)$	CDI	E	CD	L
4876	3047	1	$\arcsin\left(\frac{w}{u \ln(v)}\right)$	CDI	E	CD	S
4877	3048	1	$\arctan\left(\frac{w}{u \ln(v)}\right)$	CDI	E	CD	T
4878	3049	1	$\sqrt{\frac{u^2 (\ln(v))^2 - w^2}{u^2 (\ln(v))^2}}$	CDI	E	CD	P
4879	3050	1	$\sqrt{\frac{u^2 (\ln(v))^2 + w^2}{u^2 (\ln(v))^2}}$	CDI	E	CD	H
4880	3051	1	$\frac{1}{u \ln(v) w}$	CDI	E	CDI	CD
4881	3051	2	$\frac{1}{u \ln(v) w}$	CDI	E	CDIF	CDF

4882	3051	3	$\frac{1}{u \ln(v) w}$	CDIF	E	CDI	CDF
4883	3052	1	$u \ln(v) w$	CDI	E	CDI	CDI
4884	3052	2	$u \ln(v) w$	CDI	E	CDIF	CDIF
4885	3052	3	$u \ln(v) w$	CDIF	E	CDI	CDIF
4886	3053	1	$\frac{\pi}{u \ln(v) w}$	CDI	E	CDI	CDF
4887	3054	1	$\frac{u \ln(v) w}{\pi}$	CDI	E	CDI	CDIF
4888	3055	1	$\frac{1}{u^2 (\ln(v))^2 w^2}$	CDI	E	CDI	AB
4889	3056	1	$\sqrt{\frac{1}{u \ln(v) w}}$	CDI	E	CDI	R
4890	3057	1	$\frac{1}{u^3 (\ln(v))^3 w^3}$	CDI	E	CDI	K
4891	3058	1	$e^{\frac{1}{u \ln(v) w}}$	CDI	E	CDI	E
4892	3059	1	$\log\left(\frac{1}{u \ln(v) w}\right)$	CDI	E	CDI	L
4893	3060	1	$\arcsin\left(\frac{1}{u \ln(v) w}\right)$	CDI	E	CDI	S
4894	3061	1	$\arctan\left(\frac{1}{u \ln(v) w}\right)$	CDI	E	CDI	T
4895	3062	1	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 - 1}{u^2 (\ln(v))^2 w^2}}$	CDI	E	CDI	P
4896	3063	1	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 + 1}{u^2 (\ln(v))^2 w^2}}$	CDI	E	CDI	H
4897	3064	1	$\frac{w}{u \ln(v) \pi}$	CDI	E	CDF	CD
4898	3064	2	$\frac{w}{u \ln(v) \pi}$	CDIF	E	CD	CD

4899	3064	3	$\frac{w}{u \ln(v) \pi}$	CDIF	E	CDF	CDF
4900	3065	1	$\frac{u \ln(v) \pi}{w}$	CDI	E	CDF	CDI
4901	3065	2	$\frac{u \ln(v) \pi}{w}$	CDIF	E	CD	CDI
4902	3065	3	$\frac{u \ln(v) \pi}{w}$	CDIF	E	CDF	CDIF
4903	3066	1	$\frac{w^2}{u^2 (\ln(v))^2 \pi^2}$	CDI	E	CDF	AB
4904	3066	2	$\frac{w^2}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	CD	AB
4905	3067	1	$\sqrt{\frac{w}{u \ln(v) \pi}}$	CDI	E	CDF	R
4906	3067	2	$\sqrt{\frac{w}{u \ln(v) \pi}}$	CDIF	E	CD	R
4907	3068	1	$\frac{w^3}{u^3 (\ln(v))^3 \pi^3}$	CDI	E	CDF	K
4908	3068	2	$\frac{w^3}{u^3 (\ln(v))^3 \pi^3}$	CDIF	E	CD	K
4909	3069	1	$e^{\frac{w}{u \ln(v) \pi}}$	CDI	E	CDF	E
4910	3069	2	$e^{\frac{w}{u \ln(v) \pi}}$	CDIF	E	CD	E
4911	3070	1	$\log\left(\frac{w}{u \ln(v) \pi}\right)$	CDI	E	CDF	L
4912	3070	2	$\log\left(\frac{w}{u \ln(v) \pi}\right)$	CDIF	E	CD	L
4913	3071	1	$\arcsin\left(\frac{w}{u \ln(v) \pi}\right)$	CDI	E	CDF	S
4914	3071	2	$\arcsin\left(\frac{w}{u \ln(v) \pi}\right)$	CDIF	E	CD	S
4915	3072	1	$\arctan\left(\frac{w}{u \ln(v) \pi}\right)$	CDI	E	CDF	T
4916	3072	2	$\arctan\left(\frac{w}{u \ln(v) \pi}\right)$	CDIF	E	CD	T

4917	3073	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDI	E	CDF	P
4918	3073	2	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	CD	P
4919	3074	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDI	E	CDF	H
4920	3074	2	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	CD	H
4921	3075	1	$\frac{1}{u \ln(v) w \pi}$	CDI	E	CDIF	CD
4922	3075	2	$\frac{1}{u \ln(v) w \pi}$	CDIF	E	CDI	CD
4923	3075	3	$\frac{1}{u \ln(v) w \pi}$	CDIF	E	CDIF	CDF
4924	3076	1	$u \ln(v) w \pi$	CDI	E	CDIF	CDI
4925	3076	2	$u \ln(v) w \pi$	CDIF	E	CDI	CDI
4926	3076	3	$u \ln(v) w \pi$	CDIF	E	CDIF	CDIF
4927	3077	1	$\frac{1}{u^2 (\ln(v))^2 w^2 \pi^2}$	CDI	E	CDIF	AB
4928	3077	2	$\frac{1}{u^2 (\ln(v))^2 w^2 \pi^2}$	CDIF	E	CDI	AB
4929	3078	1	$\sqrt{\frac{1}{u \ln(v) w \pi}}$	CDI	E	CDIF	R
4930	3078	2	$\sqrt{\frac{1}{u \ln(v) w \pi}}$	CDIF	E	CDI	R
4931	3079	1	$\frac{1}{u^3 (\ln(v))^3 w^3 \pi^3}$	CDI	E	CDIF	K
4932	3079	2	$\frac{1}{u^3 (\ln(v))^3 w^3 \pi^3}$	CDIF	E	CDI	K
4933	3080	1	$e^{\frac{1}{u \ln(v) w \pi}}$	CDI	E	CDIF	E

4934	3080	2	$e^{\frac{1}{u \ln(v) w \pi}}$	CDIF	E	CDI	E
4935	3081	1	$\log\left(\frac{1}{u \ln(v) w \pi}\right)$	CDI	E	CDIF	L
4936	3081	2	$\log\left(\frac{1}{u \ln(v) w \pi}\right)$	CDIF	E	CDI	L
4937	3082	1	$\arcsin\left(\frac{1}{u \ln(v) w \pi}\right)$	CDI	E	CDIF	S
4938	3082	2	$\arcsin\left(\frac{1}{u \ln(v) w \pi}\right)$	CDIF	E	CDI	S
4939	3083	1	$\arctan\left(\frac{1}{u \ln(v) w \pi}\right)$	CDI	E	CDIF	T
4940	3083	2	$\arctan\left(\frac{1}{u \ln(v) w \pi}\right)$	CDIF	E	CDI	T
4941	3084	1	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 \pi^2 - 1}{u^2 (\ln(v))^2 w^2 \pi^2}}$	CDI	E	CDIF	P
4942	3084	2	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 \pi^2 - 1}{u^2 (\ln(v))^2 w^2 \pi^2}}$	CDIF	E	CDI	P
4943	3085	1	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 \pi^2 + 1}{u^2 (\ln(v))^2 w^2 \pi^2}}$	CDI	E	CDIF	H
4944	3085	2	$\sqrt{\frac{u^2 (\ln(v))^2 w^2 \pi^2 + 1}{u^2 (\ln(v))^2 w^2 \pi^2}}$	CDIF	E	CDI	H
4945	3086	1	$\frac{\sqrt{w}}{u \ln(v)}$	CDI	E	AB	CD
4946	3086	2	$\frac{\sqrt{w}}{u \ln(v)}$	CDIF	E	AB	CDF
4947	3087	1	$\frac{u \ln(v)}{\sqrt{w}}$	CDI	E	AB	CDI
4948	3087	2	$\frac{u \ln(v)}{\sqrt{w}}$	CDIF	E	AB	CDIF
4949	3088	1	$\frac{\sqrt{w} \pi}{u \ln(v)}$	CDI	E	AB	CDF

4950	3089	1	$\frac{u \ln(v)}{\sqrt{w\pi}}$	CDI	E	AB	CDIF
4951	3090	1	$\frac{w}{u^2 (\ln(v))^2}$	CDI	E	AB	AB
4952	3091	1	$\sqrt{\frac{\sqrt{w}}{u \ln(v)}}$	CDI	E	AB	R
4953	3092	1	$\frac{w^{3/2}}{u^3 (\ln(v))^3}$	CDI	E	AB	K
4954	3093	1	$e^{\frac{\sqrt{w}}{u \ln(v)}}$	CDI	E	AB	E
4955	3094	1	$\log\left(\frac{\sqrt{w}}{u \ln(v)}\right)$	CDI	E	AB	L
4956	3095	1	$\arcsin\left(\frac{\sqrt{w}}{u \ln(v)}\right)$	CDI	E	AB	S
4957	3096	1	$\arctan\left(\frac{\sqrt{w}}{u \ln(v)}\right)$	CDI	E	AB	T
4958	3097	1	$\sqrt{\frac{u^2 (\ln(v))^2 - w}{u^2 (\ln(v))^2}}$	CDI	E	AB	P
4959	3098	1	$\sqrt{\frac{u^2 (\ln(v))^2 + w}{u^2 (\ln(v))^2}}$	CDI	E	AB	H
4960	3099	1	$\frac{w^2}{u \ln(v)}$	CDI	E	R	CD
4961	3099	2	$\frac{w^2}{u \ln(v)}$	CDIF	E	R	CDF
4962	3100	1	$\frac{u \ln(v)}{w^2}$	CDI	E	R	CDI
4963	3100	2	$\frac{u \ln(v)}{w^2}$	CDIF	E	R	CDIF
4964	3101	1	$\frac{w^2 \pi}{u \ln(v)}$	CDI	E	R	CDF

4965	3102	1	$\frac{u \ln(v)}{w^2 \pi}$	CDI	E	R	CDIF
4966	3103	1	$\frac{w^4}{u^2 (\ln(v))^2}$	CDI	E	R	AB
4967	3104	1	$\sqrt{\frac{w^2}{u \ln(v)}}$	CDI	E	R	R
4968	3105	1	$\frac{w^6}{u^3 (\ln(v))^3}$	CDI	E	R	K
4969	3106	1	$e^{\frac{w^2}{u \ln(v)}}$	CDI	E	R	E
4970	3107	1	$\log\left(\frac{w^2}{u \ln(v)}\right)$	CDI	E	R	L
4971	3108	1	$\arcsin\left(\frac{w^2}{u \ln(v)}\right)$	CDI	E	R	S
4972	3109	1	$\arctan\left(\frac{w^2}{u \ln(v)}\right)$	CDI	E	R	T
4973	3110	1	$\sqrt{\frac{u^2 (\ln(v))^2 - w^4}{u^2 (\ln(v))^2}}$	CDI	E	R	P
4974	3111	1	$\sqrt{\frac{u^2 (\ln(v))^2 + w^4}{u^2 (\ln(v))^2}}$	CDI	E	R	H
4975	3112	1	$\frac{\sqrt[3]{w}}{u \ln(v)}$	CDI	E	K	CD
4976	3112	2	$\frac{\sqrt[3]{w}}{u \ln(v)}$	CDIF	E	K	CDF
4977	3113	1	$\frac{u \ln(v)}{\sqrt[3]{w}}$	CDI	E	K	CDI
4978	3113	2	$\frac{u \ln(v)}{\sqrt[3]{w}}$	CDIF	E	K	CDIF
4979	3114	1	$\frac{\sqrt[3]{w} \pi}{u \ln(v)}$	CDI	E	K	CDF

4980	3115	1	$\frac{u \ln(v)}{\sqrt[3]{w}\pi}$	CDI	E	K	CDIF
4981	3116	1	$\frac{w^{2/3}}{u^2 (\ln(v))^2}$	CDI	E	K	AB
4982	3117	1	$\sqrt{\frac{\sqrt[3]{w}}{u \ln(v)}}$	CDI	E	K	R
4983	3118	1	$\frac{w}{u^3 (\ln(v))^3}$	CDI	E	K	K
4984	3119	1	$e^{\frac{\sqrt[3]{w}}{u \ln(v)}}$	CDI	E	K	E
4985	3120	1	$\log\left(\frac{\sqrt[3]{w}}{u \ln(v)}\right)$	CDI	E	K	L
4986	3121	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u \ln(v)}\right)$	CDI	E	K	S
4987	3122	1	$\arctan\left(\frac{\sqrt[3]{w}}{u \ln(v)}\right)$	CDI	E	K	T
4988	3123	1	$\sqrt{\frac{u^2 (\ln(v))^2 - w^{2/3}}{u^2 (\ln(v))^2}}$	CDI	E	K	P
4989	3124	1	$\sqrt{\frac{u^2 (\ln(v))^2 + w^{2/3}}{u^2 (\ln(v))^2}}$	CDI	E	K	H
4990	3125	1	$\frac{\ln(w)}{u \ln(v)}$	CDI	E	E	CD
4991	3125	2	$\frac{\ln(w)}{u \ln(v)}$	CDIF	E	E	CDF
4992	3126	1	$\frac{u \ln(v)}{\ln(w)}$	CDI	E	E	CDI
4993	3126	2	$\frac{u \ln(v)}{\ln(w)}$	CDIF	E	E	CDIF
4994	3127	1	$\frac{\ln(w) \pi}{u \ln(v)}$	CDI	E	E	CDF

4995	3128	1	$\frac{u \ln (v)}{\ln (w) \pi}$	CDI	E	E	CDIF
4996	3129	1	$\frac{(\ln (w))^2}{u^2 (\ln (v))^2}$	CDI	E	E	AB
4997	3130	1	$\sqrt{\frac{\ln (w)}{u \ln (v)}}$	CDI	E	E	R
4998	3131	1	$\frac{(\ln (w))^3}{u^3 (\ln (v))^3}$	CDI	E	E	K
4999	3132	1	$w^{\frac{1}{u \ln (v)}}$	CDI	E	E	E
5000	3133	1	$\log \left(\frac{\ln (w)}{u \ln (v)} \right)$	CDI	E	E	L
5001	3134	1	$\arcsin \left(\frac{\ln (w)}{u \ln (v)} \right)$	CDI	E	E	S
5002	3135	1	$\arctan \left(\frac{\ln (w)}{u \ln (v)} \right)$	CDI	E	E	T
5003	3136	1	$\sqrt{\frac{u^2 (\ln (v))^2 - (\ln (w))^2}{u^2 (\ln (v))^2}}$	CDI	E	E	P
5004	3137	1	$\sqrt{\frac{u^2 (\ln (v))^2 + (\ln (w))^2}{u^2 (\ln (v))^2}}$	CDI	E	E	H
5005	3138	1	$\frac{Exp (w)}{u \ln (v)}$	CDI	E	L	CD
5006	3138	2	$\frac{Exp (w)}{u \ln (v)}$	CDIF	E	L	CDF
5007	3139	1	$\frac{u \ln (v)}{Exp (w)}$	CDI	E	L	CDI
5008	3139	2	$\frac{u \ln (v)}{Exp (w)}$	CDIF	E	L	CDIF
5009	3140	1	$\frac{Exp (w) \pi}{u \ln (v)}$	CDI	E	L	CDF

5010	3141	1	$\frac{u \ln(v)}{\text{Exp}(w) \pi}$	CDI	E	L	CDIF
5011	3142	1	$\frac{(\text{Exp}(w))^2}{u^2 (\ln(v))^2}$	CDI	E	L	AB
5012	3143	1	$\sqrt{\frac{\text{Exp}(w)}{u \ln(v)}}$	CDI	E	L	R
5013	3144	1	$\frac{(\text{Exp}(w))^3}{u^3 (\ln(v))^3}$	CDI	E	L	K
5014	3145	1	$e^{\frac{\text{Exp}(w)}{u \ln(v)}}$	CDI	E	L	E
5015	3146	1	$\log\left(\frac{\text{Exp}(w)}{u \ln(v)}\right)$	CDI	E	L	L
5016	3147	1	$\arcsin\left(\frac{\text{Exp}(w)}{u \ln(v)}\right)$	CDI	E	L	S
5017	3148	1	$\arctan\left(\frac{\text{Exp}(w)}{u \ln(v)}\right)$	CDI	E	L	T
5018	3149	1	$\sqrt{\frac{u^2 (\ln(v))^2 - (\text{Exp}(w))^2}{u^2 (\ln(v))^2}}$	CDI	E	L	P
5019	3150	1	$\sqrt{\frac{u^2 (\ln(v))^2 + (\text{Exp}(w))^2}{u^2 (\ln(v))^2}}$	CDI	E	L	H
5020	3151	1	$\frac{\sin(w)}{u \ln(v)}$	CDI	E	S	CD
5021	3151	2	$\frac{\sin(w)}{u \ln(v)}$	CDIF	E	S	CDF
5022	3152	1	$\frac{u \ln(v)}{\sin(w)}$	CDI	E	S	CDI
5023	3152	2	$\frac{u \ln(v)}{\sin(w)}$	CDIF	E	S	CDIF
5024	3153	1	$\frac{\sin(w) \pi}{u \ln(v)}$	CDI	E	S	CDF

5025	3154	1	$\frac{u \ln (v)}{\sin (w) \pi}$	CDI	E	S	CDIF
5026	3155	1	$\frac{(\sin (w))^2}{u^2 (\ln (v))^2}$	CDI	E	S	AB
5027	3156	1	$\sqrt{\frac{\sin (w)}{u \ln (v)}}$	CDI	E	S	R
5028	3157	1	$\frac{(\sin (w))^3}{u^3 (\ln (v))^3}$	CDI	E	S	K
5029	3158	1	$e^{\frac{\sin (w)}{u \ln (v)}}$	CDI	E	S	E
5030	3159	1	$\log \left(\frac{\sin (w)}{u \ln (v)} \right)$	CDI	E	S	L
5031	3160	1	$\arcsin \left(\frac{\sin (w)}{u \ln (v)} \right)$	CDI	E	S	S
5032	3161	1	$\arctan \left(\frac{\sin (w)}{u \ln (v)} \right)$	CDI	E	S	T
5033	3162	1	$\sqrt{\frac{u^2 (\ln (v))^2 - 1 + (\cos (w))^2}{u^2 (\ln (v))^2}}$	CDI	E	S	P
5034	3163	1	$\sqrt{\frac{u^2 (\ln (v))^2 + 1 - (\cos (w))^2}{u^2 (\ln (v))^2}}$	CDI	E	S	H
5035	3164	1	$\frac{\tan (w)}{u \ln (v)}$	CDI	E	T	CD
5036	3164	2	$\frac{\tan (w)}{u \ln (v)}$	CDIF	E	T	CDF
5037	3165	1	$\frac{u \ln (v)}{\tan (w)}$	CDI	E	T	CDI
5038	3165	2	$\frac{u \ln (v)}{\tan (w)}$	CDIF	E	T	CDIF
5039	3166	1	$\frac{\tan (w) \pi}{u \ln (v)}$	CDI	E	T	CDF

5040	3167	1	$\frac{u \ln(v)}{\tan(w) \pi}$	CDI	E	T	CDIF
5041	3168	1	$\frac{(\tan(w))^2}{u^2 (\ln(v))^2}$	CDI	E	T	AB
5042	3169	1	$\sqrt{\frac{\tan(w)}{u \ln(v)}}$	CDI	E	T	R
5043	3170	1	$\frac{(\tan(w))^3}{u^3 (\ln(v))^3}$	CDI	E	T	K
5044	3171	1	$e^{\frac{\tan(w)}{u \ln(v)}}$	CDI	E	T	E
5045	3172	1	$\log\left(\frac{\tan(w)}{u \ln(v)}\right)$	CDI	E	T	L
5046	3173	1	$\arcsin\left(\frac{\tan(w)}{u \ln(v)}\right)$	CDI	E	T	S
5047	3174	1	$\arctan\left(\frac{\tan(w)}{u \ln(v)}\right)$	CDI	E	T	T
5048	3175	1	$\sqrt{\frac{u^2 (\ln(v))^2 - (\tan(w))^2}{u^2 (\ln(v))^2}}$	CDI	E	T	P
5049	3176	1	$\sqrt{\frac{u^2 (\ln(v))^2 + (\tan(w))^2}{u^2 (\ln(v))^2}}$	CDI	E	T	H
5050	3177	1	$\frac{\sqrt{1-w^2}}{u \ln(v)}$	CDI	E	P	CD
5051	3177	2	$\frac{\sqrt{1-w^2}}{u \ln(v)}$	CDIF	E	P	CDF
5052	3178	1	$\frac{u \ln(v)}{\sqrt{1-w^2}}$	CDI	E	P	CDI
5053	3178	2	$\frac{u \ln(v)}{\sqrt{1-w^2}}$	CDIF	E	P	CDIF
5054	3179	1	$\frac{\sqrt{1-w^2} \pi}{u \ln(v)}$	CDI	E	P	CDF

5055	3180	1	$\frac{u \ln(v)}{\sqrt{1-w^2}\pi}$	CDI	E	P	CDIF
5056	3181	1	$-\frac{-1+w^2}{u^2(\ln(v))^2}$	CDI	E	P	AB
5057	3182	1	$\sqrt{\frac{\sqrt{1-w^2}}{u \ln(v)}}$	CDI	E	P	R
5058	3183	1	$\frac{(1-w^2)^{3/2}}{u^3(\ln(v))^3}$	CDI	E	P	K
5059	3184	1	$e^{\frac{\sqrt{1-w^2}}{u \ln(v)}}$	CDI	E	P	E
5060	3185	1	$\log\left(\frac{\sqrt{1-w^2}}{u \ln(v)}\right)$	CDI	E	P	L
5061	3186	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u \ln(v)}\right)$	CDI	E	P	S
5062	3187	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u \ln(v)}\right)$	CDI	E	P	T
5063	3188	1	$\sqrt{\frac{u^2(\ln(v))^2-1+w^2}{u^2(\ln(v))^2}}$	CDI	E	P	P
5064	3188	2	$\sqrt{\frac{u^2(\ln(v))^2-1+w^2}{u^2(\ln(v))^2}}$	CDI	E	H	H
5065	3189	1	$\sqrt{\frac{u^2(\ln(v))^2+1-w^2}{u^2(\ln(v))^2}}$	CDI	E	P	H
5066	3189	2	$\sqrt{\frac{u^2(\ln(v))^2+1-w^2}{u^2(\ln(v))^2}}$	CDI	E	H	P
5067	3190	1	$\frac{\sqrt{-1+w^2}}{u \ln(v)}$	CDI	E	H	CD
5068	3190	2	$\frac{\sqrt{-1+w^2}}{u \ln(v)}$	CDIF	E	H	CDF

5069	3191	1	$\frac{u \ln(v)}{\sqrt{-1+w^2}}$	CDI	E	H	CDI
5070	3191	2	$\frac{u \ln(v)}{\sqrt{-1+w^2}}$	CDIF	E	H	CDIF
5071	3192	1	$\frac{\sqrt{-1+w^2}\pi}{u \ln(v)}$	CDI	E	H	CDF
5072	3193	1	$\frac{u \ln(v)}{\sqrt{-1+w^2}\pi}$	CDI	E	H	CDIF
5073	3194	1	$\frac{-1+w^2}{u^2 (\ln(v))^2}$	CDI	E	H	AB
5074	3195	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u \ln(v)}}$	CDI	E	H	R
5075	3196	1	$\frac{(-1+w^2)^{3/2}}{u^3 (\ln(v))^3}$	CDI	E	H	K
5076	3197	1	$e^{\frac{\sqrt{-1+w^2}}{u \ln(v)}}$	CDI	E	H	E
5077	3198	1	$\log\left(\frac{\sqrt{-1+w^2}}{u \ln(v)}\right)$	CDI	E	H	L
5078	3199	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u \ln(v)}\right)$	CDI	E	H	S
5079	3200	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u \ln(v)}\right)$	CDI	E	H	T
5080	3201	1	$\frac{w}{uExp(v)}$	CDI	L	CD	CD
5081	3201	2	$\frac{w}{uExp(v)}$	CDI	L	CDF	CDF
5082	3201	3	$\frac{w}{uExp(v)}$	CDIF	L	CD	CDF
5083	3202	1	$\frac{uExp(v)}{w}$	CDI	L	CD	CDI
5084	3202	2	$\frac{uExp(v)}{w}$	CDI	L	CDF	CDIF

5085	3202	3	$\frac{uExp(v)}{w}$	CDIF	L	CD	CDIF
5086	3203	1	$\frac{w\pi}{uExp(v)}$	CDI	L	CD	CDF
5087	3204	1	$\frac{uExp(v)}{w\pi}$	CDI	L	CD	CDIF
5088	3205	1	$\frac{w^2}{u^2 (Exp(v))^2}$	CDI	L	CD	AB
5089	3206	1	$\sqrt{\frac{w}{uExp(v)}}$	CDI	L	CD	R
5090	3207	1	$\frac{w^3}{u^3 (Exp(v))^3}$	CDI	L	CD	K
5091	3208	1	$e^{\frac{w}{uExp(v)}}$	CDI	L	CD	E
5092	3209	1	$\log\left(\frac{w}{uExp(v)}\right)$	CDI	L	CD	L
5093	3210	1	$\arcsin\left(\frac{w}{uExp(v)}\right)$	CDI	L	CD	S
5094	3211	1	$\arctan\left(\frac{w}{uExp(v)}\right)$	CDI	L	CD	T
5095	3212	1	$\sqrt{\frac{u^2 (Exp(v))^2 - w^2}{u^2 (Exp(v))^2}}$	CDI	L	CD	P
5096	3213	1	$\sqrt{\frac{u^2 (Exp(v))^2 + w^2}{u^2 (Exp(v))^2}}$	CDI	L	CD	H
5097	3214	1	$\frac{1}{uExp(v) w}$	CDI	L	CDI	CD
5098	3214	2	$\frac{1}{uExp(v) w}$	CDI	L	CDIF	CDF
5099	3214	3	$\frac{1}{uExp(v) w}$	CDIF	L	CDI	CDF
5100	3215	1	$uExp(v) w$	CDI	L	CDI	CDI

5101	3215	2	$uExp(v) w$	CDI	L	CDIF	CDIF
5102	3215	3	$uExp(v) w$	CDIF	L	CDI	CDIF
5103	3216	1	$\frac{\pi}{uExp(v) w}$	CDI	L	CDI	CDF
5104	3217	1	$\frac{uExp(v) w}{\pi}$	CDI	L	CDI	CDIF
5105	3218	1	$\frac{1}{u^2 (Exp(v))^2 w^2}$	CDI	L	CDI	AB
5106	3219	1	$\sqrt{\frac{1}{uExp(v) w}}$	CDI	L	CDI	R
5107	3220	1	$\frac{1}{u^3 (Exp(v))^3 w^3}$	CDI	L	CDI	K
5108	3221	1	$e^{\frac{1}{uExp(v) w}}$	CDI	L	CDI	E
5109	3222	1	$\log\left(\frac{1}{uExp(v) w}\right)$	CDI	L	CDI	L
5110	3223	1	$\arcsin\left(\frac{1}{uExp(v) w}\right)$	CDI	L	CDI	S
5111	3224	1	$\arctan\left(\frac{1}{uExp(v) w}\right)$	CDI	L	CDI	T
5112	3225	1	$\sqrt{\frac{u^2 (Exp(v))^2 w^2 - 1}{u^2 (Exp(v))^2 w^2}}$	CDI	L	CDI	P
5113	3226	1	$\sqrt{\frac{u^2 (Exp(v))^2 w^2 + 1}{u^2 (Exp(v))^2 w^2}}$	CDI	L	CDI	H
5114	3227	1	$\frac{w}{uExp(v) \pi}$	CDI	L	CDF	CD
5115	3227	2	$\frac{w}{uExp(v) \pi}$	CDIF	L	CD	CD
5116	3227	3	$\frac{w}{uExp(v) \pi}$	CDIF	L	CDF	CDF

5117	3228	1	$\frac{uExp(v) \pi}{w}$	CDI	L	CDF	CDI
5118	3228	2	$\frac{uExp(v) \pi}{w}$	CDIF	L	CD	CDI
5119	3228	3	$\frac{uExp(v) \pi}{w}$	CDIF	L	CDF	CDIF
5120	3229	1	$\frac{w^2}{u^2 (Exp(v))^2 \pi^2}$	CDI	L	CDF	AB
5121	3229	2	$\frac{w^2}{u^2 (Exp(v))^2 \pi^2}$	CDIF	L	CD	AB
5122	3230	1	$\sqrt{\frac{w}{uExp(v) \pi}}$	CDI	L	CDF	R
5123	3230	2	$\sqrt{\frac{w}{uExp(v) \pi}}$	CDIF	L	CD	R
5124	3231	1	$\frac{w^3}{u^3 (Exp(v))^3 \pi^3}$	CDI	L	CDF	K
5125	3231	2	$\frac{w^3}{u^3 (Exp(v))^3 \pi^3}$	CDIF	L	CD	K
5126	3232	1	$e^{\frac{w}{uExp(v) \pi}}$	CDI	L	CDF	E
5127	3232	2	$e^{\frac{w}{uExp(v) \pi}}$	CDIF	L	CD	E
5128	3233	1	$\log\left(\frac{w}{uExp(v) \pi}\right)$	CDI	L	CDF	L
5129	3233	2	$\log\left(\frac{w}{uExp(v) \pi}\right)$	CDIF	L	CD	L
5130	3234	1	$\arcsin\left(\frac{w}{uExp(v) \pi}\right)$	CDI	L	CDF	S
5131	3234	2	$\arcsin\left(\frac{w}{uExp(v) \pi}\right)$	CDIF	L	CD	S
5132	3235	1	$\arctan\left(\frac{w}{uExp(v) \pi}\right)$	CDI	L	CDF	T
5133	3235	2	$\arctan\left(\frac{w}{uExp(v) \pi}\right)$	CDIF	L	CD	T

5134	3236	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDI	L	CDF	P
5135	3236	2	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	CD	P
5136	3237	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDI	L	CDF	H
5137	3237	2	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	CD	H
5138	3238	1	$\frac{1}{uExp(v) w\pi}$	CDI	L	CDIF	CD
5139	3238	2	$\frac{1}{uExp(v) w\pi}$	CDIF	L	CDI	CD
5140	3238	3	$\frac{1}{uExp(v) w\pi}$	CDIF	L	CDIF	CDF
5141	3239	1	$uExp(v) w\pi$	CDI	L	CDIF	CDI
5142	3239	2	$uExp(v) w\pi$	CDIF	L	CDI	CDI
5143	3239	3	$uExp(v) w\pi$	CDIF	L	CDIF	CDIF
5144	3240	1	$\frac{1}{u^2 (Exp(v))^2 w^2 \pi^2}$	CDI	L	CDIF	AB
5145	3240	2	$\frac{1}{u^2 (Exp(v))^2 w^2 \pi^2}$	CDIF	L	CDI	AB
5146	3241	1	$\sqrt{\frac{1}{uExp(v) w\pi}}$	CDI	L	CDIF	R
5147	3241	2	$\sqrt{\frac{1}{uExp(v) w\pi}}$	CDIF	L	CDI	R
5148	3242	1	$\frac{1}{u^3 (Exp(v))^3 w^3 \pi^3}$	CDI	L	CDIF	K
5149	3242	2	$\frac{1}{u^3 (Exp(v))^3 w^3 \pi^3}$	CDIF	L	CDI	K
5150	3243	1	$e^{\frac{1}{uExp(v) w\pi}}$	CDI	L	CDIF	E
5151	3243	2	$e^{\frac{1}{uExp(v) w\pi}}$	CDIF	L	CDI	E

5152	3244	1	$\log\left(\frac{1}{uExp(v)w\pi}\right)$	CDI	L	CDIF	L
5153	3244	2	$\log\left(\frac{1}{uExp(v)w\pi}\right)$	CDIF	L	CDI	L
5154	3245	1	$\arcsin\left(\frac{1}{uExp(v)w\pi}\right)$	CDI	L	CDIF	S
5155	3245	2	$\arcsin\left(\frac{1}{uExp(v)w\pi}\right)$	CDIF	L	CDI	S
5156	3246	1	$\arctan\left(\frac{1}{uExp(v)w\pi}\right)$	CDI	L	CDIF	T
5157	3246	2	$\arctan\left(\frac{1}{uExp(v)w\pi}\right)$	CDIF	L	CDI	T
5158	3247	1	$\sqrt{\frac{u^2(Exp(v))^2w^2\pi^2-1}{u^2(Exp(v))^2w^2\pi^2}}$	CDI	L	CDIF	P
5159	3247	2	$\sqrt{\frac{u^2(Exp(v))^2w^2\pi^2-1}{u^2(Exp(v))^2w^2\pi^2}}$	CDIF	L	CDI	P
5160	3248	1	$\sqrt{\frac{u^2(Exp(v))^2w^2\pi^2+1}{u^2(Exp(v))^2w^2\pi^2}}$	CDI	L	CDIF	H
5161	3248	2	$\sqrt{\frac{u^2(Exp(v))^2w^2\pi^2+1}{u^2(Exp(v))^2w^2\pi^2}}$	CDIF	L	CDI	H
5162	3249	1	$\frac{\sqrt{w}}{uExp(v)}$	CDI	L	AB	CD
5163	3249	2	$\frac{\sqrt{w}}{uExp(v)}$	CDIF	L	AB	CDF
5164	3250	1	$\frac{uExp(v)}{\sqrt{w}}$	CDI	L	AB	CDI
5165	3250	2	$\frac{uExp(v)}{\sqrt{w}}$	CDIF	L	AB	CDIF
5166	3251	1	$\frac{\sqrt{w}\pi}{uExp(v)}$	CDI	L	AB	CDF
5167	3252	1	$\frac{uExp(v)}{\sqrt{w}\pi}$	CDI	L	AB	CDIF

5168	3253	1	$\frac{w}{u^2 (Exp(v))^2}$	CDI	L	AB	AB
5169	3254	1	$\sqrt{\frac{\sqrt{w}}{uExp(v)}}$	CDI	L	AB	R
5170	3255	1	$\frac{w^{3/2}}{u^3 (Exp(v))^3}$	CDI	L	AB	K
5171	3256	1	$e^{\frac{\sqrt{w}}{uExp(v)}}$	CDI	L	AB	E
5172	3257	1	$\log\left(\frac{\sqrt{w}}{uExp(v)}\right)$	CDI	L	AB	L
5173	3258	1	$\arcsin\left(\frac{\sqrt{w}}{uExp(v)}\right)$	CDI	L	AB	S
5174	3259	1	$\arctan\left(\frac{\sqrt{w}}{uExp(v)}\right)$	CDI	L	AB	T
5175	3260	1	$\sqrt{\frac{u^2 (Exp(v))^2 - w}{u^2 (Exp(v))^2}}$	CDI	L	AB	P
5176	3261	1	$\sqrt{\frac{u^2 (Exp(v))^2 + w}{u^2 (Exp(v))^2}}$	CDI	L	AB	H
5177	3262	1	$\frac{w^2}{uExp(v)}$	CDI	L	R	CD
5178	3262	2	$\frac{w^2}{uExp(v)}$	CDIF	L	R	CDF
5179	3263	1	$\frac{uExp(v)}{w^2}$	CDI	L	R	CDI
5180	3263	2	$\frac{uExp(v)}{w^2}$	CDIF	L	R	CDIF
5181	3264	1	$\frac{w^2 \pi}{uExp(v)}$	CDI	L	R	CDF
5182	3265	1	$\frac{uExp(v)}{w^2 \pi}$	CDI	L	R	CDIF

5183	3266	1	$\frac{w^4}{u^2 (Exp(v))^2}$	CDI	L	R	AB
5184	3267	1	$\sqrt{\frac{w^2}{uExp(v)}}$	CDI	L	R	R
5185	3268	1	$\frac{w^6}{u^3 (Exp(v))^3}$	CDI	L	R	K
5186	3269	1	$e^{\frac{w^2}{uExp(v)}}$	CDI	L	R	E
5187	3270	1	$\log\left(\frac{w^2}{uExp(v)}\right)$	CDI	L	R	L
5188	3271	1	$\arcsin\left(\frac{w^2}{uExp(v)}\right)$	CDI	L	R	S
5189	3272	1	$\arctan\left(\frac{w^2}{uExp(v)}\right)$	CDI	L	R	T
5190	3273	1	$\sqrt{\frac{u^2 (Exp(v))^2 - w^4}{u^2 (Exp(v))^2}}$	CDI	L	R	P
5191	3274	1	$\sqrt{\frac{u^2 (Exp(v))^2 + w^4}{u^2 (Exp(v))^2}}$	CDI	L	R	H
5192	3275	1	$\frac{\sqrt[3]{w}}{uExp(v)}$	CDI	L	K	CD
5193	3275	2	$\frac{\sqrt[3]{w}}{uExp(v)}$	CDIF	L	K	CDF
5194	3276	1	$\frac{uExp(v)}{\sqrt[3]{w}}$	CDI	L	K	CDI
5195	3276	2	$\frac{uExp(v)}{\sqrt[3]{w}}$	CDIF	L	K	CDIF
5196	3277	1	$\frac{\sqrt[3]{w}\pi}{uExp(v)}$	CDI	L	K	CDF
5197	3278	1	$\frac{uExp(v)}{\sqrt[3]{w}\pi}$	CDI	L	K	CDIF

5198	3279	1	$\frac{w^{2/3}}{u^2 (Exp(v))^2}$	CDI	L	K	AB
5199	3280	1	$\sqrt{\frac{\sqrt[3]{w}}{uExp(v)}}$	CDI	L	K	R
5200	3281	1	$\frac{w}{u^3 (Exp(v))^3}$	CDI	L	K	K
5201	3282	1	$e^{\frac{\sqrt[3]{w}}{uExp(v)}}$	CDI	L	K	E
5202	3283	1	$\log\left(\frac{\sqrt[3]{w}}{uExp(v)}\right)$	CDI	L	K	L
5203	3284	1	$\arcsin\left(\frac{\sqrt[3]{w}}{uExp(v)}\right)$	CDI	L	K	S
5204	3285	1	$\arctan\left(\frac{\sqrt[3]{w}}{uExp(v)}\right)$	CDI	L	K	T
5205	3286	1	$\sqrt{\frac{u^2 (Exp(v))^2 - w^{2/3}}{u^2 (Exp(v))^2}}$	CDI	L	K	P
5206	3287	1	$\sqrt{\frac{u^2 (Exp(v))^2 + w^{2/3}}{u^2 (Exp(v))^2}}$	CDI	L	K	H
5207	3288	1	$\frac{\ln(w)}{uExp(v)}$	CDI	L	E	CD
5208	3288	2	$\frac{\ln(w)}{uExp(v)}$	CDIF	L	E	CDF
5209	3289	1	$\frac{uExp(v)}{\ln(w)}$	CDI	L	E	CDI
5210	3289	2	$\frac{uExp(v)}{\ln(w)}$	CDIF	L	E	CDIF
5211	3290	1	$\frac{\ln(w) \pi}{uExp(v)}$	CDI	L	E	CDF
5212	3291	1	$\frac{uExp(v)}{\ln(w) \pi}$	CDI	L	E	CDIF

5213	3292	1	$\frac{(\ln(w))^2}{u^2(Exp(v))^2}$	CDI	L	E	AB
5214	3293	1	$\sqrt{\frac{\ln(w)}{uExp(v)}}$	CDI	L	E	R
5215	3294	1	$\frac{(\ln(w))^3}{u^3(Exp(v))^3}$	CDI	L	E	K
5216	3295	1	$w^{\frac{1}{uExp(v)}}$	CDI	L	E	E
5217	3296	1	$\log\left(\frac{\ln(w)}{uExp(v)}\right)$	CDI	L	E	L
5218	3297	1	$\arcsin\left(\frac{\ln(w)}{uExp(v)}\right)$	CDI	L	E	S
5219	3298	1	$\arctan\left(\frac{\ln(w)}{uExp(v)}\right)$	CDI	L	E	T
5220	3299	1	$\sqrt{\frac{u^2(Exp(v))^2 - (\ln(w))^2}{u^2(Exp(v))^2}}$	CDI	L	E	P
5221	3300	1	$\sqrt{\frac{u^2(Exp(v))^2 + (\ln(w))^2}{u^2(Exp(v))^2}}$	CDI	L	E	H
5222	3301	1	$\frac{Exp(w)}{uExp(v)}$	CDI	L	L	CD
5223	3301	2	$\frac{Exp(w)}{uExp(v)}$	CDIF	L	L	CDF
5224	3302	1	$\frac{uExp(v)}{Exp(w)}$	CDI	L	L	CDI
5225	3302	2	$\frac{uExp(v)}{Exp(w)}$	CDIF	L	L	CDIF
5226	3303	1	$\frac{Exp(w)\pi}{uExp(v)}$	CDI	L	L	CDF
5227	3304	1	$\frac{uExp(v)}{Exp(w)\pi}$	CDI	L	L	CDIF

5228	3305	1	$\frac{(Exp(w))^2}{u^2 (Exp(v))^2}$	CDI	L	L	AB
5229	3306	1	$\sqrt{\frac{Exp(w)}{uExp(v)}}$	CDI	L	L	R
5230	3307	1	$\frac{(Exp(w))^3}{u^3 (Exp(v))^3}$	CDI	L	L	K
5231	3308	1	$e^{\frac{Exp(w)}{uExp(v)}}$	CDI	L	L	E
5232	3309	1	$\log\left(\frac{Exp(w)}{uExp(v)}\right)$	CDI	L	L	L
5233	3310	1	$\arcsin\left(\frac{Exp(w)}{uExp(v)}\right)$	CDI	L	L	S
5234	3311	1	$\arctan\left(\frac{Exp(w)}{uExp(v)}\right)$	CDI	L	L	T
5235	3312	1	$\sqrt{\frac{u^2 (Exp(v))^2 - (Exp(w))^2}{u^2 (Exp(v))^2}}$	CDI	L	L	P
5236	3313	1	$\sqrt{\frac{u^2 (Exp(v))^2 + (Exp(w))^2}{u^2 (Exp(v))^2}}$	CDI	L	L	H
5237	3314	1	$\frac{\sin(w)}{uExp(v)}$	CDI	L	S	CD
5238	3314	2	$\frac{\sin(w)}{uExp(v)}$	CDIF	L	S	CDF
5239	3315	1	$\frac{uExp(v)}{\sin(w)}$	CDI	L	S	CDI
5240	3315	2	$\frac{uExp(v)}{\sin(w)}$	CDIF	L	S	CDIF
5241	3316	1	$\frac{\sin(w) \pi}{uExp(v)}$	CDI	L	S	CDF
5242	3317	1	$\frac{uExp(v)}{\sin(w) \pi}$	CDI	L	S	CDIF

5243	3318	1	$\frac{(\sin(w))^2}{u^2(Exp(v))^2}$	CDI	L	S	AB
5244	3319	1	$\sqrt{\frac{\sin(w)}{uExp(v)}}$	CDI	L	S	R
5245	3320	1	$\frac{(\sin(w))^3}{u^3(Exp(v))^3}$	CDI	L	S	K
5246	3321	1	$e^{\frac{\sin(w)}{uExp(v)}}$	CDI	L	S	E
5247	3322	1	$\log\left(\frac{\sin(w)}{uExp(v)}\right)$	CDI	L	S	L
5248	3323	1	$\arcsin\left(\frac{\sin(w)}{uExp(v)}\right)$	CDI	L	S	S
5249	3324	1	$\arctan\left(\frac{\sin(w)}{uExp(v)}\right)$	CDI	L	S	T
5250	3325	1	$\sqrt{\frac{u^2(Exp(v))^2 - 1 + (\cos(w))^2}{u^2(Exp(v))^2}}$	CDI	L	S	P
5251	3326	1	$\sqrt{\frac{u^2(Exp(v))^2 + 1 - (\cos(w))^2}{u^2(Exp(v))^2}}$	CDI	L	S	H
5252	3327	1	$\frac{\tan(w)}{uExp(v)}$	CDI	L	T	CD
5253	3327	2	$\frac{\tan(w)}{uExp(v)}$	CDIF	L	T	CDF
5254	3328	1	$\frac{uExp(v)}{\tan(w)}$	CDI	L	T	CDI
5255	3328	2	$\frac{uExp(v)}{\tan(w)}$	CDIF	L	T	CDIF
5256	3329	1	$\frac{\tan(w)\pi}{uExp(v)}$	CDI	L	T	CDF
5257	3330	1	$\frac{uExp(v)}{\tan(w)\pi}$	CDI	L	T	CDIF

5258	3331	1	$\frac{(\tan(w))^2}{u^2 (Exp(v))^2}$	CDI	L	T	AB
5259	3332	1	$\sqrt{\frac{\tan(w)}{uExp(v)}}$	CDI	L	T	R
5260	3333	1	$\frac{(\tan(w))^3}{u^3 (Exp(v))^3}$	CDI	L	T	K
5261	3334	1	$e^{\frac{\tan(w)}{uExp(v)}}$	CDI	L	T	E
5262	3335	1	$\log\left(\frac{\tan(w)}{uExp(v)}\right)$	CDI	L	T	L
5263	3336	1	$\arcsin\left(\frac{\tan(w)}{uExp(v)}\right)$	CDI	L	T	S
5264	3337	1	$\arctan\left(\frac{\tan(w)}{uExp(v)}\right)$	CDI	L	T	T
5265	3338	1	$\sqrt{\frac{u^2 (Exp(v))^2 - (\tan(w))^2}{u^2 (Exp(v))^2}}$	CDI	L	T	P
5266	3339	1	$\sqrt{\frac{u^2 (Exp(v))^2 + (\tan(w))^2}{u^2 (Exp(v))^2}}$	CDI	L	T	H
5267	3340	1	$\frac{\sqrt{1-w^2}}{uExp(v)}$	CDI	L	P	CD
5268	3340	2	$\frac{\sqrt{1-w^2}}{uExp(v)}$	CDIF	L	P	CDF
5269	3341	1	$\frac{uExp(v)}{\sqrt{1-w^2}}$	CDI	L	P	CDI
5270	3341	2	$\frac{uExp(v)}{\sqrt{1-w^2}}$	CDIF	L	P	CDIF
5271	3342	1	$\frac{\sqrt{1-w^2}\pi}{uExp(v)}$	CDI	L	P	CDF

5272	3343	1	$\frac{uExp(v)}{\sqrt{1-w^2}\pi}$	CDI	L	P	CDIF
5273	3344	1	$-\frac{-1+w^2}{u^2(Exp(v))^2}$	CDI	L	P	AB
5274	3345	1	$\sqrt{\frac{\sqrt{1-w^2}}{uExp(v)}}$	CDI	L	P	R
5275	3346	1	$\frac{(1-w^2)^{3/2}}{u^3(Exp(v))^3}$	CDI	L	P	K
5276	3347	1	$e^{\frac{\sqrt{1-w^2}}{uExp(v)}}$	CDI	L	P	E
5277	3348	1	$\log\left(\frac{\sqrt{1-w^2}}{uExp(v)}\right)$	CDI	L	P	L
5278	3349	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{uExp(v)}\right)$	CDI	L	P	S
5279	3350	1	$\arctan\left(\frac{\sqrt{1-w^2}}{uExp(v)}\right)$	CDI	L	P	T
5280	3351	1	$\sqrt{\frac{u^2(Exp(v))^2-1+w^2}{u^2(Exp(v))^2}}$	CDI	L	P	P
5281	3351	2	$\sqrt{\frac{u^2(Exp(v))^2-1+w^2}{u^2(Exp(v))^2}}$	CDI	L	H	H
5282	3352	1	$\sqrt{\frac{u^2(Exp(v))^2+1-w^2}{u^2(Exp(v))^2}}$	CDI	L	P	H
5283	3352	2	$\sqrt{\frac{u^2(Exp(v))^2+1-w^2}{u^2(Exp(v))^2}}$	CDI	L	H	P
5284	3353	1	$\frac{\sqrt{-1+w^2}}{uExp(v)}$	CDI	L	H	CD
5285	3353	2	$\frac{\sqrt{-1+w^2}}{uExp(v)}$	CDIF	L	H	CDF

5286	3354	1	$\frac{uExp(v)}{\sqrt{-1+w^2}}$	CDI	L	H	CDI
5287	3354	2	$\frac{uExp(v)}{\sqrt{-1+w^2}}$	CDIF	L	H	CDIF
5288	3355	1	$\frac{\sqrt{-1+w^2}\pi}{uExp(v)}$	CDI	L	H	CDF
5289	3356	1	$\frac{uExp(v)}{\sqrt{-1+w^2}\pi}$	CDI	L	H	CDIF
5290	3357	1	$\frac{-1+w^2}{u^2(Exp(v))^2}$	CDI	L	H	AB
5291	3358	1	$\sqrt{\frac{\sqrt{-1+w^2}}{uExp(v)}}$	CDI	L	H	R
5292	3359	1	$\frac{(-1+w^2)^{3/2}}{u^3(Exp(v))^3}$	CDI	L	H	K
5293	3360	1	$e^{\frac{\sqrt{-1+w^2}}{uExp(v)}}$	CDI	L	H	E
5294	3361	1	$\log\left(\frac{\sqrt{-1+w^2}}{uExp(v)}\right)$	CDI	L	H	L
5295	3362	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{uExp(v)}\right)$	CDI	L	H	S
5296	3363	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{uExp(v)}\right)$	CDI	L	H	T
5297	3364	1	$\frac{w}{u\sin(v)}$	CDI	S	CD	CD
5298	3364	2	$\frac{w}{u\sin(v)}$	CDI	S	CDF	CDF
5299	3364	3	$\frac{w}{u\sin(v)}$	CDIF	S	CD	CDF
5300	3365	1	$\frac{u\sin(v)}{w}$	CDI	S	CD	CDI
5301	3365	2	$\frac{u\sin(v)}{w}$	CDI	S	CDF	CDIF

5302	3365	3	$\frac{u \sin(v)}{w}$	CDIF	S	CD	CDIF
5303	3366	1	$\frac{w\pi}{u \sin(v)}$	CDI	S	CD	CDF
5304	3367	1	$\frac{u \sin(v)}{w\pi}$	CDI	S	CD	CDIF
5305	3368	1	$\frac{w^2}{u^2 (\sin(v))^2}$	CDI	S	CD	AB
5306	3369	1	$\sqrt{\frac{w}{u \sin(v)}}$	CDI	S	CD	R
5307	3370	1	$\frac{w^3}{u^3 (\sin(v))^3}$	CDI	S	CD	K
5308	3371	1	$e^{\frac{w}{u \sin(v)}}$	CDI	S	CD	E
5309	3372	1	$\log\left(\frac{w}{u \sin(v)}\right)$	CDI	S	CD	L
5310	3373	1	$\arcsin\left(\frac{w}{u \sin(v)}\right)$	CDI	S	CD	S
5311	3374	1	$\arctan\left(\frac{w}{u \sin(v)}\right)$	CDI	S	CD	T
5312	3375	1	$\sqrt{-\frac{w^2 - u^2 + u^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	S	CD	P
5313	3376	1	$\sqrt{-\frac{-w^2 - u^2 + u^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	S	CD	H
5314	3377	1	$\frac{1}{u \sin(v) w}$	CDI	S	CDI	CD
5315	3377	2	$\frac{1}{u \sin(v) w}$	CDI	S	CDIF	CDF
5316	3377	3	$\frac{1}{u \sin(v) w}$	CDIF	S	CDI	CDF
5317	3378	1	$u \sin(v) w$	CDI	S	CDI	CDI

5318	3378	2	$u \sin(v) w$	CDI	S	CDIF	CDIF
5319	3378	3	$u \sin(v) w$	CDIF	S	CDI	CDIF
5320	3379	1	$\frac{\pi}{u \sin(v) w}$	CDI	S	CDI	CDF
5321	3380	1	$\frac{u \sin(v) w}{\pi}$	CDI	S	CDI	CDIF
5322	3381	1	$\frac{1}{u^2 (\sin(v))^2 w^2}$	CDI	S	CDI	AB
5323	3382	1	$\sqrt{\frac{1}{u \sin(v) w}}$	CDI	S	CDI	R
5324	3383	1	$\frac{1}{u^3 (\sin(v))^3 w^3}$	CDI	S	CDI	K
5325	3384	1	$e^{\frac{1}{u \sin(v) w}}$	CDI	S	CDI	E
5326	3385	1	$\log\left(\frac{1}{u \sin(v) w}\right)$	CDI	S	CDI	L
5327	3386	1	$\arcsin\left(\frac{1}{u \sin(v) w}\right)$	CDI	S	CDI	S
5328	3387	1	$\arctan\left(\frac{1}{u \sin(v) w}\right)$	CDI	S	CDI	T
5329	3388	1	$\sqrt{-\frac{1 - u^2 w^2 + u^2 w^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2}}$	CDI	S	CDI	P
5330	3389	1	$\sqrt{-\frac{-1 - u^2 w^2 + u^2 w^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2}}$	CDI	S	CDI	H
5331	3390	1	$\frac{w}{u \sin(v) \pi}$	CDI	S	CDF	CD
5332	3390	2	$\frac{w}{u \sin(v) \pi}$	CDIF	S	CD	CD
5333	3390	3	$\frac{w}{u \sin(v) \pi}$	CDIF	S	CDF	CDF

5334	3391	1	$\frac{u \sin(v) \pi}{w}$	CDI	S	CDF	CDI
5335	3391	2	$\frac{u \sin(v) \pi}{w}$	CDIF	S	CD	CDI
5336	3391	3	$\frac{u \sin(v) \pi}{w}$	CDIF	S	CDF	CDIF
5337	3392	1	$\frac{w^2}{u^2 (\sin(v))^2 \pi^2}$	CDI	S	CDF	AB
5338	3392	2	$\frac{w^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	CD	AB
5339	3393	1	$\sqrt{\frac{w}{u \sin(v) \pi}}$	CDI	S	CDF	R
5340	3393	2	$\sqrt{\frac{w}{u \sin(v) \pi}}$	CDIF	S	CD	R
5341	3394	1	$\frac{w^3}{u^3 (\sin(v))^3 \pi^3}$	CDI	S	CDF	K
5342	3394	2	$\frac{w^3}{u^3 (\sin(v))^3 \pi^3}$	CDIF	S	CD	K
5343	3395	1	$e^{\frac{w}{u \sin(v) \pi}}$	CDI	S	CDF	E
5344	3395	2	$e^{\frac{w}{u \sin(v) \pi}}$	CDIF	S	CD	E
5345	3396	1	$\log\left(\frac{w}{u \sin(v) \pi}\right)$	CDI	S	CDF	L
5346	3396	2	$\log\left(\frac{w}{u \sin(v) \pi}\right)$	CDIF	S	CD	L
5347	3397	1	$\arcsin\left(\frac{w}{u \sin(v) \pi}\right)$	CDI	S	CDF	S
5348	3397	2	$\arcsin\left(\frac{w}{u \sin(v) \pi}\right)$	CDIF	S	CD	S
5349	3398	1	$\arctan\left(\frac{w}{u \sin(v) \pi}\right)$	CDI	S	CDF	T
5350	3398	2	$\arctan\left(\frac{w}{u \sin(v) \pi}\right)$	CDIF	S	CD	T

5351	3399	1	$\sqrt{-\frac{w^2 - u^2\pi^2 + u^2\pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDI	S	CDF	P
5352	3399	2	$\sqrt{-\frac{w^2 - u^2\pi^2 + u^2\pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	CD	P
5353	3400	1	$\sqrt{-\frac{-w^2 - u^2\pi^2 + u^2\pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDI	S	CDF	H
5354	3400	2	$\sqrt{-\frac{-w^2 - u^2\pi^2 + u^2\pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	CD	H
5355	3401	1	$\frac{1}{u \sin(v) w \pi}$	CDI	S	CDIF	CD
5356	3401	2	$\frac{1}{u \sin(v) w \pi}$	CDIF	S	CDI	CD
5357	3401	3	$\frac{1}{u \sin(v) w \pi}$	CDIF	S	CDIF	CDF
5358	3402	1	$u \sin(v) w \pi$	CDI	S	CDIF	CDI
5359	3402	2	$u \sin(v) w \pi$	CDIF	S	CDI	CDI
5360	3402	3	$u \sin(v) w \pi$	CDIF	S	CDIF	CDIF
5361	3403	1	$\frac{1}{u^2 (\sin(v))^2 w^2 \pi^2}$	CDI	S	CDIF	AB
5362	3403	2	$\frac{1}{u^2 (\sin(v))^2 w^2 \pi^2}$	CDIF	S	CDI	AB
5363	3404	1	$\sqrt{\frac{1}{u \sin(v) w \pi}}$	CDI	S	CDIF	R
5364	3404	2	$\sqrt{\frac{1}{u \sin(v) w \pi}}$	CDIF	S	CDI	R
5365	3405	1	$\frac{1}{u^3 (\sin(v))^3 w^3 \pi^3}$	CDI	S	CDIF	K
5366	3405	2	$\frac{1}{u^3 (\sin(v))^3 w^3 \pi^3}$	CDIF	S	CDI	K
5367	3406	1	$e^{\frac{1}{u \sin(v) w \pi}}$	CDI	S	CDIF	E
5368	3406	2	$e^{\frac{1}{u \sin(v) w \pi}}$	CDIF	S	CDI	E

5369	3407	1	$\log\left(\frac{1}{u \sin(v) w \pi}\right)$	CDI	S	CDIF	L
5370	3407	2	$\log\left(\frac{1}{u \sin(v) w \pi}\right)$	CDIF	S	CDI	L
5371	3408	1	$\arcsin\left(\frac{1}{u \sin(v) w \pi}\right)$	CDI	S	CDIF	S
5372	3408	2	$\arcsin\left(\frac{1}{u \sin(v) w \pi}\right)$	CDIF	S	CDI	S
5373	3409	1	$\arctan\left(\frac{1}{u \sin(v) w \pi}\right)$	CDI	S	CDIF	T
5374	3409	2	$\arctan\left(\frac{1}{u \sin(v) w \pi}\right)$	CDIF	S	CDI	T
5375	3410	1	$\sqrt{-\frac{1 - u^2 w^2 \pi^2 + u^2 w^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2 \pi^2}}$	CDI	S	CDIF	P
5376	3410	2	$\sqrt{-\frac{1 - u^2 w^2 \pi^2 + u^2 w^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2 \pi^2}}$	CDIF	S	CDI	P
5377	3411	1	$\sqrt{-\frac{-1 - u^2 w^2 \pi^2 + u^2 w^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2 \pi^2}}$	CDI	S	CDIF	H
5378	3411	2	$\sqrt{-\frac{-1 - u^2 w^2 \pi^2 + u^2 w^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 w^2 \pi^2}}$	CDIF	S	CDI	H
5379	3412	1	$\frac{\sqrt{w}}{u \sin(v)}$	CDI	S	AB	CD
5380	3412	2	$\frac{\sqrt{w}}{u \sin(v)}$	CDIF	S	AB	CDF
5381	3413	1	$\frac{u \sin(v)}{\sqrt{w}}$	CDI	S	AB	CDI
5382	3413	2	$\frac{u \sin(v)}{\sqrt{w}}$	CDIF	S	AB	CDIF
5383	3414	1	$\frac{\sqrt{w} \pi}{u \sin(v)}$	CDI	S	AB	CDF
5384	3415	1	$\frac{u \sin(v)}{\sqrt{w} \pi}$	CDI	S	AB	CDIF

5385	3416	1	$\frac{w}{u^2 (\sin (v))^2}$	CDI	S	AB	AB
5386	3417	1	$\sqrt{\frac{\sqrt{w}}{u \sin (v)}}$	CDI	S	AB	R
5387	3418	1	$\frac{w^{3/2}}{u^3 (\sin (v))^3}$	CDI	S	AB	K
5388	3419	1	$e^{\frac{\sqrt{w}}{u \sin (v)}}$	CDI	S	AB	E
5389	3420	1	$\log \left(\frac{\sqrt{w}}{u \sin (v)} \right)$	CDI	S	AB	L
5390	3421	1	$\arcsin \left(\frac{\sqrt{w}}{u \sin (v)} \right)$	CDI	S	AB	S
5391	3422	1	$\arctan \left(\frac{\sqrt{w}}{u \sin (v)} \right)$	CDI	S	AB	T
5392	3423	1	$\sqrt{-\frac{w-u^2+u^2 (\cos (v))^2}{u^2 (\sin (v))^2}}$	CDI	S	AB	P
5393	3424	1	$\sqrt{-\frac{-w-u^2+u^2 (\cos (v))^2}{u^2 (\sin (v))^2}}$	CDI	S	AB	H
5394	3425	1	$\frac{w^2}{u \sin (v)}$	CDI	S	R	CD
5395	3425	2	$\frac{w^2}{u \sin (v)}$	CDIF	S	R	CDF
5396	3426	1	$\frac{u \sin (v)}{w^2}$	CDI	S	R	CDI
5397	3426	2	$\frac{u \sin (v)}{w^2}$	CDIF	S	R	CDIF
5398	3427	1	$\frac{w^2 \pi}{u \sin (v)}$	CDI	S	R	CDF
5399	3428	1	$\frac{u \sin (v)}{w^2 \pi}$	CDI	S	R	CDIF

5400	3429	1	$\frac{w^4}{u^2 (\sin(v))^2}$	CDI	S	R	AB
5401	3430	1	$\sqrt{\frac{w^2}{u \sin(v)}}$	CDI	S	R	R
5402	3431	1	$\frac{w^6}{u^3 (\sin(v))^3}$	CDI	S	R	K
5403	3432	1	$e^{\frac{w^2}{u \sin(v)}}$	CDI	S	R	E
5404	3433	1	$\log\left(\frac{w^2}{u \sin(v)}\right)$	CDI	S	R	L
5405	3434	1	$\arcsin\left(\frac{w^2}{u \sin(v)}\right)$	CDI	S	R	S
5406	3435	1	$\arctan\left(\frac{w^2}{u \sin(v)}\right)$	CDI	S	R	T
5407	3436	1	$\sqrt{-\frac{w^4 - u^2 + u^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	S	R	P
5408	3437	1	$\sqrt{-\frac{-w^4 - u^2 + u^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	S	R	H
5409	3438	1	$\frac{\sqrt[3]{w}}{u \sin(v)}$	CDI	S	K	CD
5410	3438	2	$\frac{\sqrt[3]{w}}{u \sin(v)}$	CDIF	S	K	CDF
5411	3439	1	$\frac{u \sin(v)}{\sqrt[3]{w}}$	CDI	S	K	CDI
5412	3439	2	$\frac{u \sin(v)}{\sqrt[3]{w}}$	CDIF	S	K	CDIF
5413	3440	1	$\frac{\sqrt[3]{w}\pi}{u \sin(v)}$	CDI	S	K	CDF
5414	3441	1	$\frac{u \sin(v)}{\sqrt[3]{w}\pi}$	CDI	S	K	CDIF

5415	3442	1	$\frac{w^{2/3}}{u^2 (\sin (v))^2}$	CDI	S	K	AB
5416	3443	1	$\sqrt{\frac{\sqrt[3]{w}}{u \sin (v)}}$	CDI	S	K	R
5417	3444	1	$\frac{w}{u^3 (\sin (v))^3}$	CDI	S	K	K
5418	3445	1	$e^{\frac{\sqrt[3]{w}}{u \sin (v)}}$	CDI	S	K	E
5419	3446	1	$\log \left(\frac{\sqrt[3]{w}}{u \sin (v)} \right)$	CDI	S	K	L
5420	3447	1	$\arcsin \left(\frac{\sqrt[3]{w}}{u \sin (v)} \right)$	CDI	S	K	S
5421	3448	1	$\arctan \left(\frac{\sqrt[3]{w}}{u \sin (v)} \right)$	CDI	S	K	T
5422	3449	1	$\sqrt{-\frac{w^{2/3} + u^2 (\cos (v))^2 - u^2}{u^2 (\sin (v))^2}}$	CDI	S	K	P
5423	3450	1	$\sqrt{-\frac{-w^{2/3} + u^2 (\cos (v))^2 - u^2}{u^2 (\sin (v))^2}}$	CDI	S	K	H
5424	3451	1	$\frac{\ln (w)}{u \sin (v)}$	CDI	S	E	CD
5425	3451	2	$\frac{\ln (w)}{u \sin (v)}$	CDIF	S	E	CDF
5426	3452	1	$\frac{u \sin (v)}{\ln (w)}$	CDI	S	E	CDI
5427	3452	2	$\frac{u \sin (v)}{\ln (w)}$	CDIF	S	E	CDIF
5428	3453	1	$\frac{\ln (w) \pi}{u \sin (v)}$	CDI	S	E	CDF
5429	3454	1	$\frac{u \sin (v)}{\ln (w) \pi}$	CDI	S	E	CDIF

5430	3455	1	$\frac{(\ln(w))^2}{u^2 (\sin(v))^2}$	CDI	S	E	AB
5431	3456	1	$\sqrt{\frac{\ln(w)}{u \sin(v)}}$	CDI	S	E	R
5432	3457	1	$\frac{(\ln(w))^3}{u^3 (\sin(v))^3}$	CDI	S	E	K
5433	3458	1	$w^{\frac{1}{u \sin(v)}}$	CDI	S	E	E
5434	3459	1	$\log\left(\frac{\ln(w)}{u \sin(v)}\right)$	CDI	S	E	L
5435	3460	1	$\arcsin\left(\frac{\ln(w)}{u \sin(v)}\right)$	CDI	S	E	S
5436	3461	1	$\arctan\left(\frac{\ln(w)}{u \sin(v)}\right)$	CDI	S	E	T
5437	3462	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 + (\ln(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	E	P
5438	3463	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 - (\ln(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	E	H
5439	3464	1	$\frac{Exp(w)}{u \sin(v)}$	CDI	S	L	CD
5440	3464	2	$\frac{Exp(w)}{u \sin(v)}$	CDIF	S	L	CDF
5441	3465	1	$\frac{u \sin(v)}{Exp(w)}$	CDI	S	L	CDI
5442	3465	2	$\frac{u \sin(v)}{Exp(w)}$	CDIF	S	L	CDIF
5443	3466	1	$\frac{Exp(w) \pi}{u \sin(v)}$	CDI	S	L	CDF
5444	3467	1	$\frac{u \sin(v)}{Exp(w) \pi}$	CDI	S	L	CDIF

5445	3468	1	$\frac{(Exp(w))^2}{u^2 (\sin(v))^2}$	CDI	S	L	AB
5446	3469	1	$\sqrt{\frac{Exp(w)}{u \sin(v)}}$	CDI	S	L	R
5447	3470	1	$\frac{(Exp(w))^3}{u^3 (\sin(v))^3}$	CDI	S	L	K
5448	3471	1	$e^{\frac{Exp(w)}{u \sin(v)}}$	CDI	S	L	E
5449	3472	1	$\log\left(\frac{Exp(w)}{u \sin(v)}\right)$	CDI	S	L	L
5450	3473	1	$\arcsin\left(\frac{Exp(w)}{u \sin(v)}\right)$	CDI	S	L	S
5451	3474	1	$\arctan\left(\frac{Exp(w)}{u \sin(v)}\right)$	CDI	S	L	T
5452	3475	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 + (Exp(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	L	P
5453	3476	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 - (Exp(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	L	H
5454	3477	1	$\frac{\sin(w)}{u \sin(v)}$	CDI	S	S	CD
5455	3477	2	$\frac{\sin(w)}{u \sin(v)}$	CDIF	S	S	CDF
5456	3478	1	$\frac{u \sin(v)}{\sin(w)}$	CDI	S	S	CDI
5457	3478	2	$\frac{u \sin(v)}{\sin(w)}$	CDIF	S	S	CDIF
5458	3479	1	$\frac{\sin(w) \pi}{u \sin(v)}$	CDI	S	S	CDF
5459	3480	1	$\frac{u \sin(v)}{\sin(w) \pi}$	CDI	S	S	CDIF

5460	3481	1	$\frac{(\sin(w))^2}{u^2 (\sin(v))^2}$	CDI	S	S	AB
5461	3482	1	$\sqrt{\frac{\sin(w)}{u \sin(v)}}$	CDI	S	S	R
5462	3483	1	$\frac{(\sin(w))^3}{u^3 (\sin(v))^3}$	CDI	S	S	K
5463	3484	1	$e^{\frac{\sin(w)}{u \sin(v)}}$	CDI	S	S	E
5464	3485	1	$\log\left(\frac{\sin(w)}{u \sin(v)}\right)$	CDI	S	S	L
5465	3486	1	$\arcsin\left(\frac{\sin(w)}{u \sin(v)}\right)$	CDI	S	S	S
5466	3487	1	$\arctan\left(\frac{\sin(w)}{u \sin(v)}\right)$	CDI	S	S	T
5467	3488	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 + 1 - (\cos(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	S	P
5468	3489	1	$\sqrt{-\frac{u^2 (\cos(v))^2 - u^2 - 1 + (\cos(w))^2}{u^2 (\sin(v))^2}}$	CDI	S	S	H
5469	3490	1	$\frac{\sin(w)}{u \sin(v) \cos(w)}$	CDI	S	T	CD
5470	3490	2	$\frac{\sin(w)}{u \sin(v) \cos(w)}$	CDIF	S	T	CDF
5471	3491	1	$\frac{u \sin(v) \cos(w)}{\sin(w)}$	CDI	S	T	CDI
5472	3491	2	$\frac{u \sin(v) \cos(w)}{\sin(w)}$	CDIF	S	T	CDIF
5473	3492	1	$\frac{\sin(w) \pi}{u \sin(v) \cos(w)}$	CDI	S	T	CDF
5474	3493	1	$\frac{u \sin(v) \cos(w)}{\sin(w) \pi}$	CDI	S	T	CDIF

5475	3494	1	$\frac{(\sin(w))^2}{u^2 (\sin(v))^2 (\cos(w))^2}$	CDI	S	T	AB
5476	3495	1	$\sqrt{\frac{\sin(w)}{u \sin(v) \cos(w)}}$	CDI	S	T	R
5477	3496	1	$\frac{(\sin(w))^3}{u^3 (\sin(v))^3 (\cos(w))^3}$	CDI	S	T	K
5478	3497	1	$e^{\frac{\sin(w)}{u \sin(v) \cos(w)}}$	CDI	S	T	E
5479	3498	1	$\log\left(\frac{\sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	S	T	L
5480	3499	1	$\arcsin\left(\frac{\sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	S	T	S
5481	3500	1	$\arctan\left(\frac{\sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	S	T	T
5482	3501	1	$\sqrt{-\frac{u^2 (\cos(v))^2 (\cos(w))^2 - u^2 (\cos(w))^2 + 1 - (\cos(w))^2}{u^2 (\sin(v))^2 (\cos(w))^2}}$	CDI	S	T	P
5483	3502	1	$\sqrt{-\frac{-u^2 (\cos(w))^2 + u^2 (\cos(v))^2 (\cos(w))^2 - 1 + (\cos(w))^2}{u^2 (\sin(v))^2 (\cos(w))^2}}$	CDI	S	T	H
5484	3503	1	$\frac{\sqrt{1-w^2}}{u \sin(v)}$	CDI	S	P	CD
5485	3503	2	$\frac{\sqrt{1-w^2}}{u \sin(v)}$	CDIF	S	P	CDF
5486	3504	1	$\frac{u \sin(v)}{\sqrt{1-w^2}}$	CDI	S	P	CDI
5487	3504	2	$\frac{u \sin(v)}{\sqrt{1-w^2}}$	CDIF	S	P	CDIF
5488	3505	1	$\frac{\sqrt{1-w^2}\pi}{u \sin(v)}$	CDI	S	P	CDF

5489	3506	1	$\frac{u \sin(v)}{\sqrt{1-w^2}\pi}$	CDI	S	P	CDIF
5490	3507	1	$-\frac{-1+w^2}{u^2(\sin(v))^2}$	CDI	S	P	AB
5491	3508	1	$\sqrt{\frac{\sqrt{1-w^2}}{u \sin(v)}}$	CDI	S	P	R
5492	3509	1	$\frac{(1-w^2)^{3/2}}{u^3(\sin(v))^3}$	CDI	S	P	K
5493	3510	1	$e^{\frac{\sqrt{1-w^2}}{u \sin(v)}}$	CDI	S	P	E
5494	3511	1	$\log\left(\frac{\sqrt{1-w^2}}{u \sin(v)}\right)$	CDI	S	P	L
5495	3512	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u \sin(v)}\right)$	CDI	S	P	S
5496	3513	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u \sin(v)}\right)$	CDI	S	P	T
5497	3514	1	$\sqrt{-\frac{1-w^2-u^2+u^2(\cos(v))^2}{u^2(\sin(v))^2}}$	CDI	S	P	P
5498	3514	2	$\sqrt{-\frac{1-w^2-u^2+u^2(\cos(v))^2}{u^2(\sin(v))^2}}$	CDI	S	H	H
5499	3515	1	$\sqrt{-\frac{-1+w^2-u^2+u^2(\cos(v))^2}{u^2(\sin(v))^2}}$	CDI	S	P	H
5500	3515	2	$\sqrt{-\frac{-1+w^2-u^2+u^2(\cos(v))^2}{u^2(\sin(v))^2}}$	CDI	S	H	P
5501	3516	1	$\frac{\sqrt{-1+w^2}}{u \sin(v)}$	CDI	S	H	CD
5502	3516	2	$\frac{\sqrt{-1+w^2}}{u \sin(v)}$	CDIF	S	H	CDF

5503	3517	1	$\frac{u \sin(v)}{\sqrt{-1+w^2}}$	CDI	S	H	CDI
5504	3517	2	$\frac{u \sin(v)}{\sqrt{-1+w^2}}$	CDIF	S	H	CDIF
5505	3518	1	$\frac{\sqrt{-1+w^2}\pi}{u \sin(v)}$	CDI	S	H	CDF
5506	3519	1	$\frac{u \sin(v)}{\sqrt{-1+w^2}\pi}$	CDI	S	H	CDIF
5507	3520	1	$\frac{-1+w^2}{u^2 (\sin(v))^2}$	CDI	S	H	AB
5508	3521	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u \sin(v)}}$	CDI	S	H	R
5509	3522	1	$\frac{(-1+w^2)^{3/2}}{u^3 (\sin(v))^3}$	CDI	S	H	K
5510	3523	1	$e^{\frac{\sqrt{-1+w^2}}{u \sin(v)}}$	CDI	S	H	E
5511	3524	1	$\log\left(\frac{\sqrt{-1+w^2}}{u \sin(v)}\right)$	CDI	S	H	L
5512	3525	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u \sin(v)}\right)$	CDI	S	H	S
5513	3526	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u \sin(v)}\right)$	CDI	S	H	T
5514	3527	1	$\frac{w}{u \tan(v)}$	CDI	T	CD	CD
5515	3527	2	$\frac{w}{u \tan(v)}$	CDI	T	CDF	CDF
5516	3527	3	$\frac{w}{u \tan(v)}$	CDIF	T	CD	CDF
5517	3528	1	$\frac{u \tan(v)}{w}$	CDI	T	CD	CDI
5518	3528	2	$\frac{u \tan(v)}{w}$	CDI	T	CDF	CDIF

5519	3528	3	$\frac{u \tan(v)}{w}$	CDIF	T	CD	CDIF
5520	3529	1	$\frac{w\pi}{u \tan(v)}$	CDI	T	CD	CDF
5521	3530	1	$\frac{u \tan(v)}{w\pi}$	CDI	T	CD	CDIF
5522	3531	1	$\frac{w^2}{u^2 (\tan(v))^2}$	CDI	T	CD	AB
5523	3532	1	$\sqrt{\frac{w}{u \tan(v)}}$	CDI	T	CD	R
5524	3533	1	$\frac{w^3}{u^3 (\tan(v))^3}$	CDI	T	CD	K
5525	3534	1	$e^{\frac{w}{u \tan(v)}}$	CDI	T	CD	E
5526	3535	1	$\log\left(\frac{w}{u \tan(v)}\right)$	CDI	T	CD	L
5527	3536	1	$\arcsin\left(\frac{w}{u \tan(v)}\right)$	CDI	T	CD	S
5528	3537	1	$\arctan\left(\frac{w}{u \tan(v)}\right)$	CDI	T	CD	T
5529	3538	1	$\sqrt{\frac{u^2 (\tan(v))^2 - w^2}{u^2 (\tan(v))^2}}$	CDI	T	CD	P
5530	3539	1	$\sqrt{\frac{u^2 (\tan(v))^2 + w^2}{u^2 (\tan(v))^2}}$	CDI	T	CD	H
5531	3540	1	$\frac{1}{u \tan(v) w}$	CDI	T	CDI	CD
5532	3540	2	$\frac{1}{u \tan(v) w}$	CDI	T	CDIF	CDF
5533	3540	3	$\frac{1}{u \tan(v) w}$	CDIF	T	CDI	CDF
5534	3541	1	$u \tan(v) w$	CDI	T	CDI	CDI

5535	3541	2	$u \tan(v) w$	CDI	T	CDIF	CDIF
5536	3541	3	$u \tan(v) w$	CDIF	T	CDI	CDIF
5537	3542	1	$\frac{\pi}{u \tan(v) w}$	CDI	T	CDI	CDF
5538	3543	1	$\frac{u \tan(v) w}{\pi}$	CDI	T	CDI	CDIF
5539	3544	1	$\frac{1}{u^2 (\tan(v))^2 w^2}$	CDI	T	CDI	AB
5540	3545	1	$\sqrt{\frac{1}{u \tan(v) w}}$	CDI	T	CDI	R
5541	3546	1	$\frac{1}{u^3 (\tan(v))^3 w^3}$	CDI	T	CDI	K
5542	3547	1	$e^{\frac{1}{u \tan(v) w}}$	CDI	T	CDI	E
5543	3548	1	$\log\left(\frac{1}{u \tan(v) w}\right)$	CDI	T	CDI	L
5544	3549	1	$\arcsin\left(\frac{1}{u \tan(v) w}\right)$	CDI	T	CDI	S
5545	3550	1	$\arctan\left(\frac{1}{u \tan(v) w}\right)$	CDI	T	CDI	T
5546	3551	1	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 - 1}{u^2 (\tan(v))^2 w^2}}$	CDI	T	CDI	P
5547	3552	1	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 + 1}{u^2 (\tan(v))^2 w^2}}$	CDI	T	CDI	H
5548	3553	1	$\frac{w}{u \tan(v) \pi}$	CDI	T	CDF	CD
5549	3553	2	$\frac{w}{u \tan(v) \pi}$	CDIF	T	CD	CD
5550	3553	3	$\frac{w}{u \tan(v) \pi}$	CDIF	T	CDF	CDF

5551	3554	1	$\frac{u \tan(v) \pi}{w}$	CDI	T	CDF	CDI
5552	3554	2	$\frac{u \tan(v) \pi}{w}$	CDIF	T	CD	CDI
5553	3554	3	$\frac{u \tan(v) \pi}{w}$	CDIF	T	CDF	CDIF
5554	3555	1	$\frac{w^2}{u^2 (\tan(v))^2 \pi^2}$	CDI	T	CDF	AB
5555	3555	2	$\frac{w^2}{u^2 (\tan(v))^2 \pi^2}$	CDIF	T	CD	AB
5556	3556	1	$\sqrt{\frac{w}{u \tan(v) \pi}}$	CDI	T	CDF	R
5557	3556	2	$\sqrt{\frac{w}{u \tan(v) \pi}}$	CDIF	T	CD	R
5558	3557	1	$\frac{w^3}{u^3 (\tan(v))^3 \pi^3}$	CDI	T	CDF	K
5559	3557	2	$\frac{w^3}{u^3 (\tan(v))^3 \pi^3}$	CDIF	T	CD	K
5560	3558	1	$e^{\frac{w}{u \tan(v) \pi}}$	CDI	T	CDF	E
5561	3558	2	$e^{\frac{w}{u \tan(v) \pi}}$	CDIF	T	CD	E
5562	3559	1	$\log\left(\frac{w}{u \tan(v) \pi}\right)$	CDI	T	CDF	L
5563	3559	2	$\log\left(\frac{w}{u \tan(v) \pi}\right)$	CDIF	T	CD	L
5564	3560	1	$\arcsin\left(\frac{w}{u \tan(v) \pi}\right)$	CDI	T	CDF	S
5565	3560	2	$\arcsin\left(\frac{w}{u \tan(v) \pi}\right)$	CDIF	T	CD	S
5566	3561	1	$\arctan\left(\frac{w}{u \tan(v) \pi}\right)$	CDI	T	CDF	T
5567	3561	2	$\arctan\left(\frac{w}{u \tan(v) \pi}\right)$	CDIF	T	CD	T

5568	3562	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 - w^2}{u^2 (\tan(v))^2 \pi^2}}$	CDI	T	CDF	P
5569	3562	2	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 - w^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	CD	P
5570	3563	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 + w^2}{u^2 (\tan(v))^2 \pi^2}}$	CDI	T	CDF	H
5571	3563	2	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 + w^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	CD	H
5572	3564	1	$\frac{1}{u \tan(v) w \pi}$	CDI	T	CDIF	CD
5573	3564	2	$\frac{1}{u \tan(v) w \pi}$	CDIF	T	CDI	CD
5574	3564	3	$\frac{1}{u \tan(v) w \pi}$	CDIF	T	CDIF	CDF
5575	3565	1	$u \tan(v) w \pi$	CDI	T	CDIF	CDI
5576	3565	2	$u \tan(v) w \pi$	CDIF	T	CDI	CDI
5577	3565	3	$u \tan(v) w \pi$	CDIF	T	CDIF	CDIF
5578	3566	1	$\frac{1}{u^2 (\tan(v))^2 w^2 \pi^2}$	CDI	T	CDIF	AB
5579	3566	2	$\frac{1}{u^2 (\tan(v))^2 w^2 \pi^2}$	CDIF	T	CDI	AB
5580	3567	1	$\sqrt{\frac{1}{u \tan(v) w \pi}}$	CDI	T	CDIF	R
5581	3567	2	$\sqrt{\frac{1}{u \tan(v) w \pi}}$	CDIF	T	CDI	R
5582	3568	1	$\frac{1}{u^3 (\tan(v))^3 w^3 \pi^3}$	CDI	T	CDIF	K
5583	3568	2	$\frac{1}{u^3 (\tan(v))^3 w^3 \pi^3}$	CDIF	T	CDI	K
5584	3569	1	$e^{\frac{1}{u \tan(v) w \pi}}$	CDI	T	CDIF	E
5585	3569	2	$e^{\frac{1}{u \tan(v) w \pi}}$	CDIF	T	CDI	E

5586	3570	1	$\log \left(\frac{1}{u \tan(v) w \pi} \right)$	CDI	T	CDIF	L
5587	3570	2	$\log \left(\frac{1}{u \tan(v) w \pi} \right)$	CDIF	T	CDI	L
5588	3571	1	$\arcsin \left(\frac{1}{u \tan(v) w \pi} \right)$	CDI	T	CDIF	S
5589	3571	2	$\arcsin \left(\frac{1}{u \tan(v) w \pi} \right)$	CDIF	T	CDI	S
5590	3572	1	$\arctan \left(\frac{1}{u \tan(v) w \pi} \right)$	CDI	T	CDIF	T
5591	3572	2	$\arctan \left(\frac{1}{u \tan(v) w \pi} \right)$	CDIF	T	CDI	T
5592	3573	1	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 \pi^2 - 1}{u^2 (\tan(v))^2 w^2 \pi^2}}$	CDI	T	CDIF	P
5593	3573	2	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 \pi^2 - 1}{u^2 (\tan(v))^2 w^2 \pi^2}}$	CDIF	T	CDI	P
5594	3574	1	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 \pi^2 + 1}{u^2 (\tan(v))^2 w^2 \pi^2}}$	CDI	T	CDIF	H
5595	3574	2	$\sqrt{\frac{u^2 (\tan(v))^2 w^2 \pi^2 + 1}{u^2 (\tan(v))^2 w^2 \pi^2}}$	CDIF	T	CDI	H
5596	3575	1	$\frac{\sqrt{w}}{u \tan(v)}$	CDI	T	AB	CD
5597	3575	2	$\frac{\sqrt{w}}{u \tan(v)}$	CDIF	T	AB	CDF
5598	3576	1	$\frac{u \tan(v)}{\sqrt{w}}$	CDI	T	AB	CDI
5599	3576	2	$\frac{u \tan(v)}{\sqrt{w}}$	CDIF	T	AB	CDIF
5600	3577	1	$\frac{\sqrt{w} \pi}{u \tan(v)}$	CDI	T	AB	CDF
5601	3578	1	$\frac{u \tan(v)}{\sqrt{w} \pi}$	CDI	T	AB	CDIF

5602	3579	1	$\frac{w}{u^2 (\tan (v))^2}$	CDI	T	AB	AB
5603	3580	1	$\sqrt{\frac{\sqrt{w}}{u \tan (v)}}$	CDI	T	AB	R
5604	3581	1	$\frac{w^{3/2}}{u^3 (\tan (v))^3}$	CDI	T	AB	K
5605	3582	1	$e^{\frac{\sqrt{w}}{u \tan (v)}}$	CDI	T	AB	E
5606	3583	1	$\log \left(\frac{\sqrt{w}}{u \tan (v)} \right)$	CDI	T	AB	L
5607	3584	1	$\arcsin \left(\frac{\sqrt{w}}{u \tan (v)} \right)$	CDI	T	AB	S
5608	3585	1	$\arctan \left(\frac{\sqrt{w}}{u \tan (v)} \right)$	CDI	T	AB	T
5609	3586	1	$\sqrt{\frac{u^2 (\tan (v))^2 - w}{u^2 (\tan (v))^2}}$	CDI	T	AB	P
5610	3587	1	$\sqrt{\frac{u^2 (\tan (v))^2 + w}{u^2 (\tan (v))^2}}$	CDI	T	AB	H
5611	3588	1	$\frac{w^2}{u \tan (v)}$	CDI	T	R	CD
5612	3588	2	$\frac{w^2}{u \tan (v)}$	CDIF	T	R	CDF
5613	3589	1	$\frac{u \tan (v)}{w^2}$	CDI	T	R	CDI
5614	3589	2	$\frac{u \tan (v)}{w^2}$	CDIF	T	R	CDIF
5615	3590	1	$\frac{w^2 \pi}{u \tan (v)}$	CDI	T	R	CDF
5616	3591	1	$\frac{u \tan (v)}{w^2 \pi}$	CDI	T	R	CDIF

5617	3592	1	$\frac{w^4}{u^2 (\tan(v))^2}$	CDI	T	R	AB
5618	3593	1	$\sqrt{\frac{w^2}{u \tan(v)}}$	CDI	T	R	R
5619	3594	1	$\frac{w^6}{u^3 (\tan(v))^3}$	CDI	T	R	K
5620	3595	1	$e^{\frac{w^2}{u \tan(v)}}$	CDI	T	R	E
5621	3596	1	$\log\left(\frac{w^2}{u \tan(v)}\right)$	CDI	T	R	L
5622	3597	1	$\arcsin\left(\frac{w^2}{u \tan(v)}\right)$	CDI	T	R	S
5623	3598	1	$\arctan\left(\frac{w^2}{u \tan(v)}\right)$	CDI	T	R	T
5624	3599	1	$\sqrt{\frac{u^2 (\tan(v))^2 - w^4}{u^2 (\tan(v))^2}}$	CDI	T	R	P
5625	3600	1	$\sqrt{\frac{u^2 (\tan(v))^2 + w^4}{u^2 (\tan(v))^2}}$	CDI	T	R	H
5626	3601	1	$\frac{\sqrt[3]{w}}{u \tan(v)}$	CDI	T	K	CD
5627	3601	2	$\frac{\sqrt[3]{w}}{u \tan(v)}$	CDIF	T	K	CDF
5628	3602	1	$\frac{u \tan(v)}{\sqrt[3]{w}}$	CDI	T	K	CDI
5629	3602	2	$\frac{u \tan(v)}{\sqrt[3]{w}}$	CDIF	T	K	CDIF
5630	3603	1	$\frac{\sqrt[3]{w}\pi}{u \tan(v)}$	CDI	T	K	CDF
5631	3604	1	$\frac{u \tan(v)}{\sqrt[3]{w}\pi}$	CDI	T	K	CDIF

5632	3605	1	$\frac{w^{2/3}}{u^2 (\tan (v))^2}$	CDI	T	K	AB
5633	3606	1	$\sqrt{\frac{\sqrt[3]{w}}{u \tan (v)}}$	CDI	T	K	R
5634	3607	1	$\frac{w}{u^3 (\tan (v))^3}$	CDI	T	K	K
5635	3608	1	$e^{\frac{\sqrt[3]{w}}{u \tan (v)}}$	CDI	T	K	E
5636	3609	1	$\log \left(\frac{\sqrt[3]{w}}{u \tan (v)} \right)$	CDI	T	K	L
5637	3610	1	$\arcsin \left(\frac{\sqrt[3]{w}}{u \tan (v)} \right)$	CDI	T	K	S
5638	3611	1	$\arctan \left(\frac{\sqrt[3]{w}}{u \tan (v)} \right)$	CDI	T	K	T
5639	3612	1	$\sqrt{\frac{u^2 (\tan (v))^2 - w^{2/3}}{u^2 (\tan (v))^2}}$	CDI	T	K	P
5640	3613	1	$\sqrt{\frac{u^2 (\tan (v))^2 + w^{2/3}}{u^2 (\tan (v))^2}}$	CDI	T	K	H
5641	3614	1	$\frac{\ln (w)}{u \tan (v)}$	CDI	T	E	CD
5642	3614	2	$\frac{\ln (w)}{u \tan (v)}$	CDIF	T	E	CDF
5643	3615	1	$\frac{u \tan (v)}{\ln (w)}$	CDI	T	E	CDI
5644	3615	2	$\frac{u \tan (v)}{\ln (w)}$	CDIF	T	E	CDIF
5645	3616	1	$\frac{\ln (w) \pi}{u \tan (v)}$	CDI	T	E	CDF
5646	3617	1	$\frac{u \tan (v)}{\ln (w) \pi}$	CDI	T	E	CDIF

5647	3618	1	$\frac{(\ln(w))^2}{u^2 (\tan(v))^2}$	CDI	T	E	AB
5648	3619	1	$\sqrt{\frac{\ln(w)}{u \tan(v)}}$	CDI	T	E	R
5649	3620	1	$\frac{(\ln(w))^3}{u^3 (\tan(v))^3}$	CDI	T	E	K
5650	3621	1	$w^{\frac{1}{u \tan(v)}}$	CDI	T	E	E
5651	3622	1	$\log\left(\frac{\ln(w)}{u \tan(v)}\right)$	CDI	T	E	L
5652	3623	1	$\arcsin\left(\frac{\ln(w)}{u \tan(v)}\right)$	CDI	T	E	S
5653	3624	1	$\arctan\left(\frac{\ln(w)}{u \tan(v)}\right)$	CDI	T	E	T
5654	3625	1	$\sqrt{\frac{u^2 (\tan(v))^2 - (\ln(w))^2}{u^2 (\tan(v))^2}}$	CDI	T	E	P
5655	3626	1	$\sqrt{\frac{u^2 (\tan(v))^2 + (\ln(w))^2}{u^2 (\tan(v))^2}}$	CDI	T	E	H
5656	3627	1	$\frac{\text{Exp}(w)}{u \tan(v)}$	CDI	T	L	CD
5657	3627	2	$\frac{\text{Exp}(w)}{u \tan(v)}$	CDIF	T	L	CDF
5658	3628	1	$\frac{u \tan(v)}{\text{Exp}(w)}$	CDI	T	L	CDI
5659	3628	2	$\frac{u \tan(v)}{\text{Exp}(w)}$	CDIF	T	L	CDIF
5660	3629	1	$\frac{\text{Exp}(w) \pi}{u \tan(v)}$	CDI	T	L	CDF
5661	3630	1	$\frac{u \tan(v)}{\text{Exp}(w) \pi}$	CDI	T	L	CDIF

5662	3631	1	$\frac{(Exp(w))^2}{u^2 (\tan(v))^2}$	CDI	T	L	AB
5663	3632	1	$\sqrt{\frac{Exp(w)}{u \tan(v)}}$	CDI	T	L	R
5664	3633	1	$\frac{(Exp(w))^3}{u^3 (\tan(v))^3}$	CDI	T	L	K
5665	3634	1	$e^{\frac{Exp(w)}{u \tan(v)}}$	CDI	T	L	E
5666	3635	1	$\log\left(\frac{Exp(w)}{u \tan(v)}\right)$	CDI	T	L	L
5667	3636	1	$\arcsin\left(\frac{Exp(w)}{u \tan(v)}\right)$	CDI	T	L	S
5668	3637	1	$\arctan\left(\frac{Exp(w)}{u \tan(v)}\right)$	CDI	T	L	T
5669	3638	1	$\sqrt{\frac{u^2 (\tan(v))^2 - (Exp(w))^2}{u^2 (\tan(v))^2}}$	CDI	T	L	P
5670	3639	1	$\sqrt{\frac{u^2 (\tan(v))^2 + (Exp(w))^2}{u^2 (\tan(v))^2}}$	CDI	T	L	H
5671	3640	1	$\frac{\cos(v) \sin(w)}{u \sin(v)}$	CDI	T	S	CD
5672	3640	2	$\frac{\cos(v) \sin(w)}{u \sin(v)}$	CDIF	T	S	CDF
5673	3641	1	$\frac{u \sin(v)}{\cos(v) \sin(w)}$	CDI	T	S	CDI
5674	3641	2	$\frac{u \sin(v)}{\cos(v) \sin(w)}$	CDIF	T	S	CDIF
5675	3642	1	$\frac{\cos(v) \sin(w) \pi}{u \sin(v)}$	CDI	T	S	CDF
5676	3643	1	$\frac{u \sin(v)}{\cos(v) \sin(w) \pi}$	CDI	T	S	CDIF

5677	3644	1	$\frac{(\cos(v))^2 (\sin(w))^2}{u^2 (\sin(v))^2}$	CDI	T	S	AB
5678	3645	1	$\sqrt{\frac{\cos(v) \sin(w)}{u \sin(v)}}$	CDI	T	S	R
5679	3646	1	$\frac{(\cos(v))^3 (\sin(w))^3}{u^3 (\sin(v))^3}$	CDI	T	S	K
5680	3647	1	$e^{\frac{\cos(v) \sin(w)}{u \sin(v)}}$	CDI	T	S	E
5681	3648	1	$\log\left(\frac{\cos(v) \sin(w)}{u \sin(v)}\right)$	CDI	T	S	L
5682	3649	1	$\arcsin\left(\frac{\cos(v) \sin(w)}{u \sin(v)}\right)$	CDI	T	S	S
5683	3650	1	$\arctan\left(\frac{\cos(v) \sin(w)}{u \sin(v)}\right)$	CDI	T	S	T
5684	3651	1	$\sqrt{-\frac{-u^2 + u^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	T	S	P
5685	3652	1	$\sqrt{-\frac{-u^2 + u^2 (\cos(v))^2 - (\cos(v))^2 + (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2}}$	CDI	T	S	H
5686	3653	1	$\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}$	CDI	T	T	CD
5687	3653	2	$\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}$	CDIF	T	T	CDF
5688	3654	1	$\frac{u \sin(v) \cos(w)}{\cos(v) \sin(w)}$	CDI	T	T	CDI
5689	3654	2	$\frac{u \sin(v) \cos(w)}{\cos(v) \sin(w)}$	CDIF	T	T	CDIF
5690	3655	1	$\frac{\cos(v) \sin(w) \pi}{u \sin(v) \cos(w)}$	CDI	T	T	CDF
5691	3656	1	$\frac{u \sin(v) \cos(w)}{\cos(v) \sin(w) \pi}$	CDI	T	T	CDIF

5692	3657	1	$\frac{(\cos(v))^2 (\sin(w))^2}{u^2 (\sin(v))^2 (\cos(w))^2}$	CDI	T	T	AB
5693	3658	1	$\sqrt{\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}}$	CDI	T	T	R
5694	3659	1	$\frac{(\cos(v))^3 (\sin(w))^3}{u^3 (\sin(v))^3 (\cos(w))^3}$	CDI	T	T	K
5695	3660	1	$e^{\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}}$	CDI	T	T	E
5696	3661	1	$\log\left(\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	T	T	L
5697	3662	1	$\arcsin\left(\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	T	T	S
5698	3663	1	$\arctan\left(\frac{\cos(v) \sin(w)}{u \sin(v) \cos(w)}\right)$	CDI	T	T	T
5699	3664	1	$\sqrt{-\frac{-u^2 (\cos(w))^2 + u^2 (\cos(v))^2 (\cos(w))^2 + (\cos(v))^2 (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2 (\cos(w))^2}}$	CDI	T	P	P
5700	3665	1	$\sqrt{-\frac{-u^2 (\cos(w))^2 + u^2 (\cos(v))^2 (\cos(w))^2 - (\cos(v))^2 (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2 (\cos(w))^2}}$	CDI	T	T	H
5701	3666	1	$\frac{\sqrt{1-w^2}}{u \tan(v)}$	CDI	T	P	CD
5702	3666	2	$\frac{\sqrt{1-w^2}}{u \tan(v)}$	CDIF	T	P	CDF
5703	3667	1	$\frac{u \tan(v)}{\sqrt{1-w^2}}$	CDI	T	P	CDI
5704	3667	2	$\frac{u \tan(v)}{\sqrt{1-w^2}}$	CDIF	T	P	CDIF
5705	3668	1	$\frac{\sqrt{1-w^2} \pi}{u \tan(v)}$	CDI	T	P	CDF

5706	3669	1	$\frac{u \tan(v)}{\sqrt{1-w^2}\pi}$	CDI	T	P	CDIF
5707	3670	1	$-\frac{-1+w^2}{u^2(\tan(v))^2}$	CDI	T	P	AB
5708	3671	1	$\sqrt{\frac{\sqrt{1-w^2}}{u \tan(v)}}$	CDI	T	P	R
5709	3672	1	$\frac{(1-w^2)^{3/2}}{u^3(\tan(v))^3}$	CDI	T	P	K
5710	3673	1	$e^{\frac{\sqrt{1-w^2}}{u \tan(v)}}$	CDI	T	P	E
5711	3674	1	$\log\left(\frac{\sqrt{1-w^2}}{u \tan(v)}\right)$	CDI	T	P	L
5712	3675	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u \tan(v)}\right)$	CDI	T	P	S
5713	3676	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u \tan(v)}\right)$	CDI	T	P	T
5714	3677	1	$\sqrt{\frac{u^2(\tan(v))^2-1+w^2}{u^2(\tan(v))^2}}$	CDI	T	P	P
5715	3677	2	$\sqrt{\frac{u^2(\tan(v))^2-1+w^2}{u^2(\tan(v))^2}}$	CDI	T	H	H
5716	3678	1	$\sqrt{\frac{u^2(\tan(v))^2+1-w^2}{u^2(\tan(v))^2}}$	CDI	T	P	H
5717	3678	2	$\sqrt{\frac{u^2(\tan(v))^2+1-w^2}{u^2(\tan(v))^2}}$	CDI	T	H	P
5718	3679	1	$\frac{\sqrt{-1+w^2}}{u \tan(v)}$	CDI	T	H	CD
5719	3679	2	$\frac{\sqrt{-1+w^2}}{u \tan(v)}$	CDIF	T	H	CDF

5720	3680	1	$\frac{u \tan(v)}{\sqrt{-1+w^2}}$	CDI	T	H	CDI
5721	3680	2	$\frac{u \tan(v)}{\sqrt{-1+w^2}}$	CDIF	T	H	CDIF
5722	3681	1	$\frac{\sqrt{-1+w^2}\pi}{u \tan(v)}$	CDI	T	H	CDF
5723	3682	1	$\frac{u \tan(v)}{\sqrt{-1+w^2}\pi}$	CDI	T	H	CDIF
5724	3683	1	$\frac{-1+w^2}{u^2 (\tan(v))^2}$	CDI	T	H	AB
5725	3684	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u \tan(v)}}$	CDI	T	H	R
5726	3685	1	$\frac{(-1+w^2)^{3/2}}{u^3 (\tan(v))^3}$	CDI	T	H	K
5727	3686	1	$e^{\frac{\sqrt{-1+w^2}}{u \tan(v)}}$	CDI	T	H	E
5728	3687	1	$\log\left(\frac{\sqrt{-1+w^2}}{u \tan(v)}\right)$	CDI	T	H	L
5729	3688	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u \tan(v)}\right)$	CDI	T	H	S
5730	3689	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u \tan(v)}\right)$	CDI	T	H	T
5731	3690	1	$\frac{w}{u\sqrt{1-v^2}}$	CDI	P	CD	CD
5732	3691	1	$\frac{u\sqrt{1-v^2}}{w}$	CDI	P	CD	CDI
5733	3691	2	$\frac{u\sqrt{1-v^2}}{w}$	CDI	P	CDF	CDIF
5734	3691	3	$\frac{u\sqrt{1-v^2}}{w}$	CDIF	P	CD	CDIF

5735	3692	1	$\frac{w\pi}{u\sqrt{1-v^2}}$	CDI	P	CD	CDF
5736	3693	1	$\frac{u\sqrt{1-v^2}}{w\pi}$	CDI	P	CD	CDIF
5737	3694	1	$-\frac{w^2}{u^2(-1+v^2)}$	CDI	P	CD	AB
5738	3695	1	$\sqrt{\frac{w}{u\sqrt{1-v^2}}}$	CDI	P	CD	R
5739	3696	1	$\frac{w^3}{u^3(1-v^2)^{3/2}}$	CDI	P	CD	K
5740	3697	1	$e^{\frac{w}{u\sqrt{1-v^2}}}$	CDI	P	CD	E
5741	3698	1	$\log\left(\frac{w}{u\sqrt{1-v^2}}\right)$	CDI	P	CD	L
5742	3699	1	$\arcsin\left(\frac{w}{u\sqrt{1-v^2}}\right)$	CDI	P	CD	S
5743	3700	1	$\arctan\left(\frac{w}{u\sqrt{1-v^2}}\right)$	CDI	P	CD	T
5744	3701	1	$\sqrt{\frac{-u^2+u^2v^2+w^2}{u^2(-1+v^2)}}$	CDI	P	CD	P
5745	3701	2	$\sqrt{\frac{-u^2+u^2v^2+w^2}{u^2(-1+v^2)}}$	CDI	H	CD	H
5746	3702	1	$\sqrt{\frac{-u^2+u^2v^2-w^2}{u^2(-1+v^2)}}$	CDI	P	CD	H
5747	3702	2	$\sqrt{\frac{-u^2+u^2v^2-w^2}{u^2(-1+v^2)}}$	CDI	H	CD	P
5748	3703	1	$\frac{1}{u\sqrt{1-v^2}w}$	CDI	P	CDI	CD
5749	3703	2	$\frac{1}{u\sqrt{1-v^2}w}$	CDI	P	CDIF	CDF
5750	3703	3	$\frac{1}{u\sqrt{1-v^2}w}$	CDIF	P	CDI	CDF

5751	3704	1	$u\sqrt{1-v^2}w$	CDI	P	CDI	CDI
5752	3704	2	$u\sqrt{1-v^2}w$	CDI	P	CDIF	CDIF
5753	3704	3	$u\sqrt{1-v^2}w$	CDIF	P	CDI	CDIF
5754	3705	1	$\frac{\pi}{u\sqrt{1-v^2}w}$	CDI	P	CDI	CDF
5755	3706	1	$\frac{u\sqrt{1-v^2}w}{\pi}$	CDI	P	CDI	CDIF
5756	3707	1	$-\frac{1}{u^2w^2(-1+v^2)}$	CDI	P	CDI	AB
5757	3708	1	$\sqrt{\frac{1}{u\sqrt{1-v^2}w}}$	CDI	P	CDI	R
5758	3709	1	$\frac{1}{u^3(1-v^2)^{3/2}w^3}$	CDI	P	CDI	K
5759	3710	1	$e^{\frac{1}{u\sqrt{1-v^2}w}}$	CDI	P	CDI	E
5760	3711	1	$\log\left(\frac{1}{u\sqrt{1-v^2}w}\right)$	CDI	P	CDI	L
5761	3712	1	$\arcsin\left(\frac{1}{u\sqrt{1-v^2}w}\right)$	CDI	P	CDI	S
5762	3713	1	$\arctan\left(\frac{1}{u\sqrt{1-v^2}w}\right)$	CDI	P	CDI	T
5763	3714	1	$\sqrt{\frac{-u^2w^2+u^2v^2w^2+1}{u^2w^2(-1+v^2)}}$	CDI	P	CDI	P
5764	3714	2	$\sqrt{\frac{-u^2w^2+u^2v^2w^2+1}{u^2w^2(-1+v^2)}}$	CDI	H	CDI	H
5765	3715	1	$\sqrt{\frac{-u^2w^2+u^2v^2w^2-1}{u^2w^2(-1+v^2)}}$	CDI	P	CDI	H
5766	3715	2	$\sqrt{\frac{-u^2w^2+u^2v^2w^2-1}{u^2w^2(-1+v^2)}}$	CDI	H	CDI	P

5767	3716	1	$\frac{w}{u\sqrt{1-v^2}\pi}$	CDI	P	CDF	CD
5768	3716	2	$\frac{w}{u\sqrt{1-v^2}\pi}$	CDIF	P	CD	CD
5769	3716	3	$\frac{w}{u\sqrt{1-v^2}\pi}$	CDIF	P	CDF	CDF
5770	3717	1	$\frac{u\sqrt{1-v^2}\pi}{w}$	CDI	P	CDF	CDI
5771	3717	2	$\frac{u\sqrt{1-v^2}\pi}{w}$	CDIF	P	CD	CDI
5772	3717	3	$\frac{u\sqrt{1-v^2}\pi}{w}$	CDIF	P	CDF	CDIF
5773	3718	1	$\frac{w}{u\sqrt{-(v-1)(v+1)}}$	CDI	P	CDF	CDF
5774	3718	2	$\frac{w}{u\sqrt{-(v-1)(v+1)}}$	CDIF	P	CD	CDF
5775	3719	1	$-\frac{w^2}{u^2\pi^2(-1+v^2)}$	CDI	P	CDF	AB
5776	3719	2	$-\frac{w^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	CD	AB
5777	3720	1	$\sqrt{\frac{w}{u\sqrt{1-v^2}\pi}}$	CDI	P	CDF	R
5778	3720	2	$\sqrt{\frac{w}{u\sqrt{1-v^2}\pi}}$	CDIF	P	CD	R
5779	3721	1	$\frac{w^3}{u^3(1-v^2)^{3/2}\pi^3}$	CDI	P	CDF	K
5780	3721	2	$\frac{w^3}{u^3(1-v^2)^{3/2}\pi^3}$	CDIF	P	CD	K
5781	3722	1	$e^{\frac{w}{u\sqrt{1-v^2}\pi}}$	CDI	P	CDF	E
5782	3722	2	$e^{\frac{w}{u\sqrt{1-v^2}\pi}}$	CDIF	P	CD	E
5783	3723	1	$\log\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDI	P	CDF	L
5784	3723	2	$\log\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDIF	P	CD	L

5785	3724	1	$\arcsin\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDI	P	CDF	S
5786	3724	2	$\arcsin\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDIF	P	CD	S
5787	3725	1	$\arctan\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDI	P	CDF	T
5788	3725	2	$\arctan\left(\frac{w}{u\sqrt{1-v^2}\pi}\right)$	CDIF	P	CD	T
5789	3726	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^2}{u^2\pi^2(-1+v^2)}}$	CDI	P	CDF	P
5790	3726	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^2}{u^2\pi^2(-1+v^2)}}$	CDI	H	CDF	H
5791	3726	3	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	CD	P
5792	3726	4	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	CD	H
5793	3727	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^2}{u^2\pi^2(-1+v^2)}}$	CDI	P	CDF	H
5794	3727	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^2}{u^2\pi^2(-1+v^2)}}$	CDI	H	CDF	P
5795	3727	3	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	CD	H
5796	3727	4	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	CD	P
5797	3728	1	$\frac{1}{u\sqrt{1-v^2}w\pi}$	CDI	P	CDIF	CD
5798	3728	2	$\frac{1}{u\sqrt{1-v^2}w\pi}$	CDIF	P	CDI	CD
5799	3729	1	$u\sqrt{1-v^2}w\pi$	CDI	P	CDIF	CDI
5800	3729	2	$u\sqrt{1-v^2}w\pi$	CDIF	P	CDI	CDI
5801	3729	3	$u\sqrt{1-v^2}w\pi$	CDIF	P	CDIF	CDIF

5802	3730	1	$-\frac{1}{u^2 w^2 \pi^2 (-1 + v^2)}$	CDI	P	CDIF	AB
5803	3730	2	$-\frac{1}{u^2 w^2 \pi^2 (-1 + v^2)}$	CDIF	P	CDI	AB
5804	3731	1	$\sqrt{\frac{1}{u \sqrt{1 - v^2} w \pi}}$	CDI	P	CDIF	R
5805	3731	2	$\sqrt{\frac{1}{u \sqrt{1 - v^2} w \pi}}$	CDIF	P	CDI	R
5806	3732	1	$\frac{1}{u^3 (1 - v^2)^{3/2} w^3 \pi^3}$	CDI	P	CDIF	K
5807	3732	2	$\frac{1}{u^3 (1 - v^2)^{3/2} w^3 \pi^3}$	CDIF	P	CDI	K
5808	3733	1	$e^{\frac{1}{u \sqrt{1 - v^2} w \pi}}$	CDI	P	CDIF	E
5809	3733	2	$e^{\frac{1}{u \sqrt{1 - v^2} w \pi}}$	CDIF	P	CDI	E
5810	3734	1	$\log\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDI	P	CDIF	L
5811	3734	2	$\log\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDIF	P	CDI	L
5812	3735	1	$\arcsin\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDI	P	CDIF	S
5813	3735	2	$\arcsin\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDIF	P	CDI	S
5814	3736	1	$\arctan\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDI	P	CDIF	T
5815	3736	2	$\arctan\left(\frac{1}{u \sqrt{1 - v^2} w \pi}\right)$	CDIF	P	CDI	T
5816	3737	1	$\sqrt{\frac{-u^2 w^2 \pi^2 + u^2 v^2 w^2 \pi^2 + 1}{u^2 w^2 \pi^2 (-1 + v^2)}}$	CDI	P	CDIF	P
5817	3737	2	$\sqrt{\frac{-u^2 w^2 \pi^2 + u^2 v^2 w^2 \pi^2 + 1}{u^2 w^2 \pi^2 (-1 + v^2)}}$	CDI	H	CDIF	H

5818	3737	3	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 + 1}{u^2w^2\pi^2(-1+v^2)}}$	CDIF	P	CDI	P
5819	3737	4	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 + 1}{u^2w^2\pi^2(-1+v^2)}}$	CDIF	H	CDI	H
5820	3738	1	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 - 1}{u^2w^2\pi^2(-1+v^2)}}$	CDI	P	CDIF	H
5821	3738	2	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 - 1}{u^2w^2\pi^2(-1+v^2)}}$	CDI	H	CDIF	P
5822	3738	3	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 - 1}{u^2w^2\pi^2(-1+v^2)}}$	CDIF	P	CDI	H
5823	3738	4	$\sqrt{\frac{-u^2w^2\pi^2 + u^2v^2w^2\pi^2 - 1}{u^2w^2\pi^2(-1+v^2)}}$	CDIF	H	CDI	P
5824	3739	1	$\frac{\sqrt{w}}{u\sqrt{1-v^2}}$	CDI	P	AB	CD
5825	3739	2	$\frac{\sqrt{w}}{u\sqrt{1-v^2}}$	CDIF	P	AB	CDF
5826	3740	1	$\frac{u\sqrt{1-v^2}}{\sqrt{w}}$	CDI	P	AB	CDI
5827	3740	2	$\frac{u\sqrt{1-v^2}}{\sqrt{w}}$	CDIF	P	AB	CDIF
5828	3741	1	$\frac{\sqrt{w}\pi}{u\sqrt{1-v^2}}$	CDI	P	AB	CDF
5829	3742	1	$\frac{u\sqrt{1-v^2}}{\sqrt{w}\pi}$	CDI	P	AB	CDIF
5830	3743	1	$-\frac{w}{u^2(-1+v^2)}$	CDI	P	AB	AB
5831	3744	1	$\sqrt{\frac{\sqrt{w}}{u\sqrt{1-v^2}}}$	CDI	P	AB	R
5832	3745	1	$\frac{w^{3/2}}{u^3(1-v^2)^{3/2}}$	CDI	P	AB	K

5833	3746	1	$e^{\frac{\sqrt{w}}{u\sqrt{1-v^2}}}$	CDI	P	AB	E
5834	3747	1	$\log\left(\frac{\sqrt{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	AB	L
5835	3748	1	$\arcsin\left(\frac{\sqrt{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	AB	S
5836	3749	1	$\arctan\left(\frac{\sqrt{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	AB	T
5837	3750	1	$\sqrt{\frac{-u^2 + u^2v^2 + w}{u^2(-1 + v^2)}}$	CDI	P	AB	P
5838	3750	2	$\sqrt{\frac{-u^2 + u^2v^2 + w}{u^2(-1 + v^2)}}$	CDI	H	AB	H
5839	3751	1	$\sqrt{\frac{-u^2 + u^2v^2 - w}{u^2(-1 + v^2)}}$	CDI	P	AB	H
5840	3751	2	$\sqrt{\frac{-u^2 + u^2v^2 - w}{u^2(-1 + v^2)}}$	CDI	H	AB	P
5841	3752	1	$\frac{w^2}{u\sqrt{-(v-1)(v+1)}}$	CDI	P	R	CD
5842	3752	2	$\frac{w^2}{u\sqrt{-(v-1)(v+1)}}$	CDIF	P	R	CDF
5843	3753	1	$\frac{u\sqrt{1-v^2}}{w^2}$	CDI	P	R	CDI
5844	3753	2	$\frac{u\sqrt{1-v^2}}{w^2}$	CDIF	P	R	CDIF
5845	3754	1	$\frac{w^2\pi}{u\sqrt{-(v-1)(v+1)}}$	CDI	P	R	CDF
5846	3755	1	$\frac{u\sqrt{1-v^2}}{w^2\pi}$	CDI	P	R	CDIF
5847	3756	1	$-\frac{w^4}{u^2(-1+v^2)}$	CDI	P	R	AB

5848	3757	1	$\sqrt{\frac{w^2}{u\sqrt{-(v-1)(v+1)}}}$	CDI	P	R	R
5849	3758	1	$\frac{w^6}{u^3(1-v^2)^{3/2}}$	CDI	P	R	K
5850	3759	1	$e^{\frac{w^2}{u\sqrt{-(v-1)(v+1)}}}$	CDI	P	R	E
5851	3760	1	$\log\left(\frac{w^2}{u\sqrt{-(v-1)(v+1)}}\right)$	CDI	P	R	L
5852	3761	1	$\arcsin\left(\frac{w^2}{u\sqrt{-(v-1)(v+1)}}\right)$	CDI	P	R	S
5853	3762	1	$\arctan\left(\frac{w^2}{u\sqrt{-(v-1)(v+1)}}\right)$	CDI	P	R	T
5854	3763	1	$\sqrt{\frac{-u^2+u^2v^2+w^4}{u^2(-1+v^2)}}$	CDI	P	R	P
5855	3763	2	$\sqrt{\frac{-u^2+u^2v^2+w^4}{u^2(-1+v^2)}}$	CDI	H	R	H
5856	3764	1	$\sqrt{\frac{-u^2+u^2v^2-w^4}{u^2(-1+v^2)}}$	CDI	P	R	H
5857	3764	2	$\sqrt{\frac{-u^2+u^2v^2-w^4}{u^2(-1+v^2)}}$	CDI	H	R	P
5858	3765	1	$\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}$	CDI	P	K	CD
5859	3765	2	$\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}$	CDIF	P	K	CDF
5860	3766	1	$\frac{u\sqrt{1-v^2}}{\sqrt[3]{w}}$	CDI	P	K	CDI
5861	3766	2	$\frac{u\sqrt{1-v^2}}{\sqrt[3]{w}}$	CDIF	P	K	CDIF
5862	3767	1	$\frac{\sqrt[3]{w}\pi}{u\sqrt{1-v^2}}$	CDI	P	K	CDF

5863	3768	1	$\frac{u\sqrt{1-v^2}}{\sqrt[3]{w}\pi}$	CDI	P	K	CDIF
5864	3769	1	$-\frac{w^{2/3}}{u^2(-1+v^2)}$	CDI	P	K	AB
5865	3770	1	$\sqrt{\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}}$	CDI	P	K	R
5866	3771	1	$\frac{w}{u^3(1-v^2)^{3/2}}$	CDI	P	K	K
5867	3772	1	$e^{\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}}$	CDI	P	K	E
5868	3773	1	$\log\left(\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	K	L
5869	3774	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	K	S
5870	3775	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\sqrt{1-v^2}}\right)$	CDI	P	K	T
5871	3776	1	$\sqrt{\frac{-u^2+u^2v^2+w^{2/3}}{u^2(-1+v^2)}}$	CDI	P	K	P
5872	3776	2	$\sqrt{\frac{-u^2+u^2v^2+w^{2/3}}{u^2(-1+v^2)}}$	CDI	H	K	H
5873	3777	1	$\sqrt{\frac{-u^2+u^2v^2-w^{2/3}}{u^2(-1+v^2)}}$	CDI	P	K	H
5874	3777	2	$\sqrt{\frac{-u^2+u^2v^2-w^{2/3}}{u^2(-1+v^2)}}$	CDI	H	K	P
5875	3778	1	$\frac{\ln(w)}{u\sqrt{1-v^2}}$	CDI	P	E	CD
5876	3778	2	$\frac{\ln(w)}{u\sqrt{1-v^2}}$	CDIF	P	E	CDF

5877	3779	1	$\frac{u\sqrt{1-v^2}}{\ln(w)}$	CDI	P	E	CDI
5878	3779	2	$\frac{u\sqrt{1-v^2}}{\ln(w)}$	CDIF	P	E	CDIF
5879	3780	1	$\frac{\ln(w)\pi}{u\sqrt{1-v^2}}$	CDI	P	E	CDF
5880	3781	1	$\frac{u\sqrt{1-v^2}}{\ln(w)\pi}$	CDI	P	E	CDIF
5881	3782	1	$-\frac{(\ln(w))^2}{u^2(-1+v^2)}$	CDI	P	E	AB
5882	3783	1	$\sqrt{\frac{\ln(w)}{u\sqrt{1-v^2}}}$	CDI	P	E	R
5883	3784	1	$\frac{(\ln(w))^3}{u^3(1-v^2)^{3/2}}$	CDI	P	E	K
5884	3785	1	$w^{\frac{1}{u\sqrt{1-v^2}}}$	CDI	P	E	E
5885	3786	1	$\log\left(\frac{\ln(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	E	L
5886	3787	1	$\arcsin\left(\frac{\ln(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	E	S
5887	3788	1	$\arctan\left(\frac{\ln(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	E	T
5888	3789	1	$\sqrt{\frac{-u^2+u^2v^2+(\ln(w))^2}{u^2(-1+v^2)}}$	CDI	P	E	P
5889	3789	2	$\sqrt{\frac{-u^2+u^2v^2+(\ln(w))^2}{u^2(-1+v^2)}}$	CDI	H	E	H
5890	3790	1	$\sqrt{\frac{-u^2+u^2v^2-(\ln(w))^2}{u^2(-1+v^2)}}$	CDI	P	E	H
5891	3790	2	$\sqrt{\frac{-u^2+u^2v^2-(\ln(w))^2}{u^2(-1+v^2)}}$	CDI	H	E	P

5892	3791	1	$\frac{Exp(w)}{u\sqrt{1-v^2}}$	CDI	P	L	CD
5893	3791	2	$\frac{Exp(w)}{u\sqrt{1-v^2}}$	CDIF	P	L	CDF
5894	3792	1	$\frac{u\sqrt{1-v^2}}{Exp(w)}$	CDI	P	L	CDI
5895	3792	2	$\frac{u\sqrt{1-v^2}}{Exp(w)}$	CDIF	P	L	CDIF
5896	3793	1	$\frac{Exp(w)\pi}{u\sqrt{1-v^2}}$	CDI	P	L	CDF
5897	3794	1	$\frac{u\sqrt{1-v^2}}{Exp(w)\pi}$	CDI	P	L	CDIF
5898	3795	1	$-\frac{(Exp(w))^2}{u^2(-1+v^2)}$	CDI	P	L	AB
5899	3796	1	$\sqrt{\frac{Exp(w)}{u\sqrt{1-v^2}}}$	CDI	P	L	R
5900	3797	1	$\frac{(Exp(w))^3}{u^3(1-v^2)^{3/2}}$	CDI	P	L	K
5901	3798	1	$e^{\frac{Exp(w)}{u\sqrt{1-v^2}}}$	CDI	P	L	E
5902	3799	1	$\log\left(\frac{Exp(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	L	L
5903	3800	1	$\arcsin\left(\frac{Exp(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	L	S
5904	3801	1	$\arctan\left(\frac{Exp(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	L	T
5905	3802	1	$\sqrt{\frac{-u^2+u^2v^2+(Exp(w))^2}{u^2(-1+v^2)}}$	CDI	P	L	P
5906	3802	2	$\sqrt{\frac{-u^2+u^2v^2+(Exp(w))^2}{u^2(-1+v^2)}}$	CDI	H	L	H

5907	3803	1	$\sqrt{\frac{-u^2 + u^2 v^2 - (Exp(w))^2}{u^2 (-1 + v^2)}}$	CDI	P	L	H
5908	3803	2	$\sqrt{\frac{-u^2 + u^2 v^2 - (Exp(w))^2}{u^2 (-1 + v^2)}}$	CDI	H	L	P
5909	3804	1	$\frac{\sin(w)}{u\sqrt{1-v^2}}$	CDI	P	S	CD
5910	3804	2	$\frac{\sin(w)}{u\sqrt{1-v^2}}$	CDIF	P	S	CDF
5911	3805	1	$\frac{u\sqrt{1-v^2}}{\sin(w)}$	CDI	P	S	CDI
5912	3805	2	$\frac{u\sqrt{1-v^2}}{\sin(w)}$	CDIF	P	S	CDIF
5913	3806	1	$\frac{\sin(w) \pi}{u\sqrt{1-v^2}}$	CDI	P	S	CDF
5914	3807	1	$\frac{u\sqrt{1-v^2}}{\sin(w) \pi}$	CDI	P	S	CDIF
5915	3808	1	$-\frac{(\sin(w))^2}{u^2 (-1 + v^2)}$	CDI	P	S	AB
5916	3809	1	$\sqrt{\frac{\sin(w)}{u\sqrt{1-v^2}}}$	CDI	P	S	R
5917	3810	1	$\frac{(\sin(w))^3}{u^3 (1-v^2)^{3/2}}$	CDI	P	S	K
5918	3811	1	$e^{\frac{\sin(w)}{u\sqrt{1-v^2}}}$	CDI	P	S	E
5919	3812	1	$\log\left(\frac{\sin(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	S	L
5920	3813	1	$\arcsin\left(\frac{\sin(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	S	S
5921	3814	1	$\arctan\left(\frac{\sin(w)}{u\sqrt{1-v^2}}\right)$	CDI	P	S	T

5922	3815	1	$\sqrt{\frac{-u^2 + u^2 v^2 + 1 - (\cos(w))^2}{u^2(-1 + v^2)}}$	CDI	P	S	P
5923	3815	2	$\sqrt{\frac{-u^2 + u^2 v^2 + 1 - (\cos(w))^2}{u^2(-1 + v^2)}}$	CDI	H	S	H
5924	3816	1	$\sqrt{\frac{-u^2 + u^2 v^2 - 1 + (\cos(w))^2}{u^2(-1 + v^2)}}$	CDI	P	S	H
5925	3816	2	$\sqrt{\frac{-u^2 + u^2 v^2 - 1 + (\cos(w))^2}{u^2(-1 + v^2)}}$	CDI	H	S	P
5926	3817	1	$\frac{\tan(w)}{u\sqrt{1-v^2}}$	CDI	P	T	CD
5927	3817	2	$\frac{\tan(w)}{u\sqrt{1-v^2}}$	CDIF	P	T	CDF
5928	3818	1	$\frac{u\sqrt{1-v^2}}{\tan(w)}$	CDI	P	T	CDI
5929	3818	2	$\frac{u\sqrt{1-v^2}}{\tan(w)}$	CDIF	P	T	CDIF
5930	3819	1	$\frac{\tan(w)\pi}{u\sqrt{1-v^2}}$	CDI	P	T	CDF
5931	3820	1	$\frac{u\sqrt{1-v^2}}{\tan(w)\pi}$	CDI	P	T	CDIF
5932	3821	1	$-\frac{(\tan(w))^2}{u^2(-1+v^2)}$	CDI	P	T	AB
5933	3822	1	$\sqrt{\frac{\tan(w)}{u\sqrt{1-v^2}}}$	CDI	P	T	R
5934	3823	1	$\frac{(\tan(w))^3}{u^3(1-v^2)^{3/2}}$	CDI	P	T	K
5935	3824	1	$e^{\frac{\tan(w)}{u\sqrt{1-v^2}}}$	CDI	P	T	E

5936	3825	1	$\log \left(\frac{\tan(w)}{u\sqrt{1-v^2}} \right)$	CDI	P	T	L
5937	3826	1	$\arcsin \left(\frac{\tan(w)}{u\sqrt{1-v^2}} \right)$	CDI	P	T	S
5938	3827	1	$\arctan \left(\frac{\tan(w)}{u\sqrt{1-v^2}} \right)$	CDI	P	T	T
5939	3828	1	$\sqrt{\frac{-u^2 + u^2v^2 + (\tan(w))^2}{u^2(-1+v^2)}}$	CDI	P	T	P
5940	3828	2	$\sqrt{\frac{-u^2 + u^2v^2 + (\tan(w))^2}{u^2(-1+v^2)}}$	CDI	H	T	H
5941	3829	1	$\sqrt{\frac{-u^2 + u^2v^2 - (\tan(w))^2}{u^2(-1+v^2)}}$	CDI	P	T	H
5942	3829	2	$\sqrt{\frac{-u^2 + u^2v^2 - (\tan(w))^2}{u^2(-1+v^2)}}$	CDI	H	T	P
5943	3830	1	$\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}$	CDI	P	P	CD
5944	3830	2	$\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}$	CDIF	P	P	CDF
5945	3831	1	$\frac{u\sqrt{1-v^2}}{\sqrt{1-w^2}}$	CDI	P	P	CDI
5946	3831	2	$\frac{u\sqrt{1-v^2}}{\sqrt{1-w^2}}$	CDIF	P	P	CDIF
5947	3832	1	$\frac{\sqrt{1-w^2}\pi}{u\sqrt{1-v^2}}$	CDI	P	P	CDF
5948	3833	1	$\frac{u\sqrt{1-v^2}}{\sqrt{1-w^2}\pi}$	CDI	P	P	CDIF
5949	3834	1	$\frac{-1+w^2}{u^2(-1+v^2)}$	CDI	P	P	AB
5950	3834	2	$\frac{-1+w^2}{u^2(-1+v^2)}$	CDI	H	H	AB

5951	3835	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}}$	CDI	P	P	R
5952	3836	1	$\frac{(1-w^2)^{3/2}}{u^3(1-v^2)^{3/2}}$	CDI	P	P	K
5953	3837	1	$e^{\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}}$	CDI	P	P	E
5954	3838	1	$\log\left(\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	P	L
5955	3839	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	P	S
5956	3840	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	P	T
5957	3841	1	$\sqrt{\frac{-u^2+u^2v^2+1-w^2}{u^2(-1+v^2)}}$	CDI	P	P	P
5958	3841	2	$\sqrt{\frac{-u^2+u^2v^2+1-w^2}{u^2(-1+v^2)}}$	CDI	P	H	H
5959	3841	3	$\sqrt{\frac{-u^2+u^2v^2+1-w^2}{u^2(-1+v^2)}}$	CDI	H	P	H
5960	3841	4	$\sqrt{\frac{-u^2+u^2v^2+1-w^2}{u^2(-1+v^2)}}$	CDI	H	H	P
5961	3842	1	$\sqrt{\frac{-1+w^2-u^2+u^2v^2}{u^2(-1+v^2)}}$	CDI	P	P	H
5962	3842	2	$\sqrt{\frac{-1+w^2-u^2+u^2v^2}{u^2(-1+v^2)}}$	CDI	P	H	P
5963	3842	3	$\sqrt{\frac{-1+w^2-u^2+u^2v^2}{u^2(-1+v^2)}}$	CDI	H	P	P
5964	3842	4	$\sqrt{\frac{-1+w^2-u^2+u^2v^2}{u^2(-1+v^2)}}$	CDI	H	H	H

5965	3843	1	$\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}$	CDI	P	H	CD
5966	3843	2	$\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}$	CDIF	P	H	CDF
5967	3844	1	$\frac{u\sqrt{1-v^2}}{\sqrt{-1+w^2}}$	CDI	P	H	CDI
5968	3844	2	$\frac{u\sqrt{1-v^2}}{\sqrt{-1+w^2}}$	CDIF	P	H	CDIF
5969	3845	1	$\frac{\sqrt{-1+w^2}\pi}{u\sqrt{1-v^2}}$	CDI	P	H	CDF
5970	3846	1	$\frac{u\sqrt{1-v^2}}{\sqrt{-1+w^2}\pi}$	CDI	P	H	CDIF
5971	3847	1	$-\frac{-1+w^2}{u^2(-1+v^2)}$	CDI	P	H	AB
5972	3847	2	$-\frac{-1+w^2}{u^2(-1+v^2)}$	CDI	H	P	AB
5973	3848	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}}$	CDI	P	H	R
5974	3849	1	$\frac{(-1+w^2)^{3/2}}{u^3(1-v^2)^{3/2}}$	CDI	P	H	K
5975	3850	1	$e^{\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}}$	CDI	P	H	E
5976	3851	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	H	L
5977	3852	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	H	S
5978	3853	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\sqrt{1-v^2}}\right)$	CDI	P	H	T
5979	3854	1	$\frac{w}{u\sqrt{-1+v^2}}$	CDI	H	CD	CD

5980	3855	1	$\frac{u\sqrt{-1+v^2}}{w}$	CDI	H	CD	CDI
5981	3855	2	$\frac{u\sqrt{-1+v^2}}{w}$	CDI	H	CDF	CDIF
5982	3855	3	$\frac{u\sqrt{-1+v^2}}{w}$	CDIF	H	CD	CDIF
5983	3856	1	$\frac{w\pi}{u\sqrt{-1+v^2}}$	CDI	H	CD	CDF
5984	3857	1	$\frac{u\sqrt{-1+v^2}}{w\pi}$	CDI	H	CD	CDIF
5985	3858	1	$\frac{w^2}{u^2(-1+v^2)}$	CDI	H	CD	AB
5986	3859	1	$\sqrt{\frac{w}{u\sqrt{-1+v^2}}}$	CDI	H	CD	R
5987	3860	1	$\frac{w^3}{u^3(-1+v^2)^{3/2}}$	CDI	H	CD	K
5988	3861	1	$e^{\frac{w}{u\sqrt{-1+v^2}}}$	CDI	H	CD	E
5989	3862	1	$\log\left(\frac{w}{u\sqrt{-1+v^2}}\right)$	CDI	H	CD	L
5990	3863	1	$\arcsin\left(\frac{w}{u\sqrt{-1+v^2}}\right)$	CDI	H	CD	S
5991	3864	1	$\arctan\left(\frac{w}{u\sqrt{-1+v^2}}\right)$	CDI	H	CD	T
5992	3865	1	$\frac{1}{u\sqrt{-1+v^2}w}$	CDI	H	CDI	CD
5993	3865	2	$\frac{1}{u\sqrt{-1+v^2}w}$	CDI	H	CDIF	CDF
5994	3865	3	$\frac{1}{u\sqrt{-1+v^2}w}$	CDIF	H	CDI	CDF
5995	3866	1	$u\sqrt{-1+v^2}w$	CDI	H	CDI	CDI

5996	3866	2	$u\sqrt{-1+v^2}w$	CDI	H	CDIF	CDIF
5997	3866	3	$u\sqrt{-1+v^2}w$	CDIF	H	CDI	CDIF
5998	3867	1	$\frac{\pi}{u\sqrt{-1+v^2}w}$	CDI	H	CDI	CDF
5999	3868	1	$\frac{u\sqrt{-1+v^2}w}{\pi}$	CDI	H	CDI	CDIF
6000	3869	1	$\frac{1}{u^2w^2(-1+v^2)}$	CDI	H	CDI	AB
6001	3870	1	$\sqrt{\frac{1}{u\sqrt{-1+v^2}w}}$	CDI	H	CDI	R
6002	3871	1	$\frac{1}{u^3(-1+v^2)^{3/2}w^3}$	CDI	H	CDI	K
6003	3872	1	$e^{\frac{1}{u\sqrt{-1+v^2}w}}$	CDI	H	CDI	E
6004	3873	1	$\log\left(\frac{1}{u\sqrt{-1+v^2}w}\right)$	CDI	H	CDI	L
6005	3874	1	$\arcsin\left(\frac{1}{u\sqrt{-1+v^2}w}\right)$	CDI	H	CDI	S
6006	3875	1	$\arctan\left(\frac{1}{u\sqrt{-1+v^2}w}\right)$	CDI	H	CDI	T
6007	3876	1	$\frac{w}{u\sqrt{-1+v^2}\pi}$	CDI	H	CDF	CD
6008	3876	2	$\frac{w}{u\sqrt{-1+v^2}\pi}$	CDIF	H	CD	CD
6009	3877	1	$\frac{u\sqrt{-1+v^2}\pi}{w}$	CDI	H	CDF	CDI
6010	3877	2	$\frac{u\sqrt{-1+v^2}\pi}{w}$	CDIF	H	CD	CDI
6011	3877	3	$\frac{u\sqrt{-1+v^2}\pi}{w}$	CDIF	H	CDF	CDIF
6012	3878	1	$\frac{w}{u\sqrt{(v-1)(v+1)}}$	CDI	H	CDF	CDF

6013	3878	2	$\frac{w}{u\sqrt{(v-1)(v+1)}}$	CDIF	H	CD	CDF
6014	3879	1	$\frac{w^2}{u^2\pi^2(-1+v^2)}$	CDI	H	CDF	AB
6015	3879	2	$\frac{w^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	CD	AB
6016	3880	1	$\sqrt{\frac{w}{u\sqrt{-1+v^2}\pi}}$	CDI	H	CDF	R
6017	3880	2	$\sqrt{\frac{w}{u\sqrt{-1+v^2}\pi}}$	CDIF	H	CD	R
6018	3881	1	$\frac{w^3}{u^3(-1+v^2)^{3/2}\pi^3}$	CDI	H	CDF	K
6019	3881	2	$\frac{w^3}{u^3(-1+v^2)^{3/2}\pi^3}$	CDIF	H	CD	K
6020	3882	1	$e^{\frac{w}{u\sqrt{-1+v^2}\pi}}$	CDI	H	CDF	E
6021	3882	2	$e^{\frac{w}{u\sqrt{-1+v^2}\pi}}$	CDIF	H	CD	E
6022	3883	1	$\log\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDI	H	CDF	L
6023	3883	2	$\log\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDIF	H	CD	L
6024	3884	1	$\arcsin\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDI	H	CDF	S
6025	3884	2	$\arcsin\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDIF	H	CD	S
6026	3885	1	$\arctan\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDI	H	CDF	T
6027	3885	2	$\arctan\left(\frac{w}{u\sqrt{-1+v^2}\pi}\right)$	CDIF	H	CD	T
6028	3886	1	$\frac{1}{u\sqrt{-1+v^2}w\pi}$	CDI	H	CDIF	CD
6029	3886	2	$\frac{1}{u\sqrt{-1+v^2}w\pi}$	CDIF	H	CDI	CD

6030	3887	1	$u\sqrt{-1+v^2}w\pi$	CDI	H	CDIF	CDI
6031	3887	2	$u\sqrt{-1+v^2}w\pi$	CDIF	H	CDI	CDI
6032	3887	3	$u\sqrt{-1+v^2}w\pi$	CDIF	H	CDIF	CDIF
6033	3888	1	$\frac{1}{u^2w^2\pi^2(-1+v^2)}$	CDI	H	CDIF	AB
6034	3888	2	$\frac{1}{u^2w^2\pi^2(-1+v^2)}$	CDIF	H	CDI	AB
6035	3889	1	$\sqrt{\frac{1}{u\sqrt{-1+v^2}w\pi}}$	CDI	H	CDIF	R
6036	3889	2	$\sqrt{\frac{1}{u\sqrt{-1+v^2}w\pi}}$	CDIF	H	CDI	R
6037	3890	1	$\frac{1}{u^3(-1+v^2)^{3/2}w^3\pi^3}$	CDI	H	CDIF	K
6038	3890	2	$\frac{1}{u^3(-1+v^2)^{3/2}w^3\pi^3}$	CDIF	H	CDI	K
6039	3891	1	$e^{\frac{1}{u\sqrt{-1+v^2}w\pi}}$	CDI	H	CDIF	E
6040	3891	2	$e^{\frac{1}{u\sqrt{-1+v^2}w\pi}}$	CDIF	H	CDI	E
6041	3892	1	$\log\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDI	H	CDIF	L
6042	3892	2	$\log\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDIF	H	CDI	L
6043	3893	1	$\arcsin\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDI	H	CDIF	S
6044	3893	2	$\arcsin\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDIF	H	CDI	S
6045	3894	1	$\arctan\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDI	H	CDIF	T
6046	3894	2	$\arctan\left(\frac{1}{u\sqrt{-1+v^2}w\pi}\right)$	CDIF	H	CDI	T
6047	3895	1	$\frac{\sqrt{w}}{u\sqrt{-1+v^2}}$	CDI	H	AB	CD

6048	3895	2	$\frac{\sqrt{w}}{u\sqrt{-1+v^2}}$	CDIF	H	AB	CDF
6049	3896	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{w}}$	CDI	H	AB	CDI
6050	3896	2	$\frac{u\sqrt{-1+v^2}}{\sqrt{w}}$	CDIF	H	AB	CDIF
6051	3897	1	$\frac{\sqrt{w}\pi}{u\sqrt{-1+v^2}}$	CDI	H	AB	CDF
6052	3898	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{w}\pi}$	CDI	H	AB	CDIF
6053	3899	1	$\frac{w}{u^2(-1+v^2)}$	CDI	H	AB	AB
6054	3900	1	$\sqrt{\frac{\sqrt{w}}{u\sqrt{-1+v^2}}}$	CDI	H	AB	R
6055	3901	1	$\frac{w^{3/2}}{u^3(-1+v^2)^{3/2}}$	CDI	H	AB	K
6056	3902	1	$e^{\frac{\sqrt{w}}{u\sqrt{-1+v^2}}}$	CDI	H	AB	E
6057	3903	1	$\log\left(\frac{\sqrt{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	AB	L
6058	3904	1	$\arcsin\left(\frac{\sqrt{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	AB	S
6059	3905	1	$\arctan\left(\frac{\sqrt{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	AB	T
6060	3906	1	$\frac{w^2}{u\sqrt{(v-1)(v+1)}}$	CDI	H	R	CD
6061	3906	2	$\frac{w^2}{u\sqrt{(v-1)(v+1)}}$	CDIF	H	R	CDF
6062	3907	1	$\frac{u\sqrt{-1+v^2}}{w^2}$	CDI	H	R	CDI

6063	3907	2	$\frac{u\sqrt{-1+v^2}}{w^2}$	CDIF	H	R	CDIF
6064	3908	1	$\frac{w^2\pi}{u\sqrt{(v-1)(v+1)}}$	CDI	H	R	CDF
6065	3909	1	$\frac{u\sqrt{-1+v^2}}{w^2\pi}$	CDI	H	R	CDIF
6066	3910	1	$\frac{w^4}{u^2(-1+v^2)}$	CDI	H	R	AB
6067	3911	1	$\sqrt{\frac{w^2}{u\sqrt{(v-1)(v+1)}}}$	CDI	H	R	R
6068	3912	1	$\frac{w^6}{u^3(-1+v^2)^{3/2}}$	CDI	H	R	K
6069	3913	1	$e^{\frac{w^2}{u\sqrt{(v-1)(v+1)}}}$	CDI	H	R	E
6070	3914	1	$\log\left(\frac{w^2}{u\sqrt{(v-1)(v+1)}}\right)$	CDI	H	R	L
6071	3915	1	$\arcsin\left(\frac{w^2}{u\sqrt{(v-1)(v+1)}}\right)$	CDI	H	R	S
6072	3916	1	$\arctan\left(\frac{w^2}{u\sqrt{(v-1)(v+1)}}\right)$	CDI	H	R	T
6073	3917	1	$\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}$	CDI	H	K	CD
6074	3917	2	$\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}$	CDIF	H	K	CDF
6075	3918	1	$\frac{u\sqrt{-1+v^2}}{\sqrt[3]{w}}$	CDI	H	K	CDI
6076	3918	2	$\frac{u\sqrt{-1+v^2}}{\sqrt[3]{w}}$	CDIF	H	K	CDIF
6077	3919	1	$\frac{\sqrt[3]{w}\pi}{u\sqrt{-1+v^2}}$	CDI	H	K	CDF

6078	3920	1	$\frac{u\sqrt{-1+v^2}}{\sqrt[3]{w}\pi}$	CDI	H	K	CDIF
6079	3921	1	$\frac{w^{2/3}}{u^2(-1+v^2)}$	CDI	H	K	AB
6080	3922	1	$\sqrt{\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}}$	CDI	H	K	R
6081	3923	1	$\frac{w}{u^3(-1+v^2)^{3/2}}$	CDI	H	K	K
6082	3924	1	$e^{\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}}$	CDI	H	K	E
6083	3925	1	$\log\left(\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	K	L
6084	3926	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	K	S
6085	3927	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\sqrt{-1+v^2}}\right)$	CDI	H	K	T
6086	3928	1	$\frac{\ln(w)}{u\sqrt{-1+v^2}}$	CDI	H	E	CD
6087	3928	2	$\frac{\ln(w)}{u\sqrt{-1+v^2}}$	CDIF	H	E	CDF
6088	3929	1	$\frac{u\sqrt{-1+v^2}}{\ln(w)}$	CDI	H	E	CDI
6089	3929	2	$\frac{u\sqrt{-1+v^2}}{\ln(w)}$	CDIF	H	E	CDIF
6090	3930	1	$\frac{\ln(w)\pi}{u\sqrt{-1+v^2}}$	CDI	H	E	CDF
6091	3931	1	$\frac{u\sqrt{-1+v^2}}{\ln(w)\pi}$	CDI	H	E	CDIF
6092	3932	1	$\frac{(\ln(w))^2}{u^2(-1+v^2)}$	CDI	H	E	AB

6093	3933	1	$\sqrt{\frac{\ln(w)}{u\sqrt{-1+v^2}}}$	CDI	H	E	R
6094	3934	1	$\frac{(\ln(w))^3}{u^3(-1+v^2)^{3/2}}$	CDI	H	E	K
6095	3935	1	$w^{\frac{1}{u\sqrt{-1+v^2}}}$	CDI	H	E	E
6096	3936	1	$\log\left(\frac{\ln(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	E	L
6097	3937	1	$\arcsin\left(\frac{\ln(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	E	S
6098	3938	1	$\arctan\left(\frac{\ln(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	E	T
6099	3939	1	$\frac{\text{Exp}(w)}{u\sqrt{-1+v^2}}$	CDI	H	L	CD
6100	3939	2	$\frac{\text{Exp}(w)}{u\sqrt{-1+v^2}}$	CDIF	H	L	CDF
6101	3940	1	$\frac{u\sqrt{-1+v^2}}{\text{Exp}(w)}$	CDI	H	L	CDI
6102	3940	2	$\frac{u\sqrt{-1+v^2}}{\text{Exp}(w)}$	CDIF	H	L	CDIF
6103	3941	1	$\frac{\text{Exp}(w)\pi}{u\sqrt{-1+v^2}}$	CDI	H	L	CDF
6104	3942	1	$\frac{u\sqrt{-1+v^2}}{\text{Exp}(w)\pi}$	CDI	H	L	CDIF
6105	3943	1	$\frac{(\text{Exp}(w))^2}{u^2(-1+v^2)}$	CDI	H	L	AB
6106	3944	1	$\sqrt{\frac{\text{Exp}(w)}{u\sqrt{-1+v^2}}}$	CDI	H	L	R
6107	3945	1	$\frac{(\text{Exp}(w))^3}{u^3(-1+v^2)^{3/2}}$	CDI	H	L	K

6108	3946	1	$e^{\frac{Exp(w)}{u\sqrt{-1+v^2}}}$	CDI	H	L	E
6109	3947	1	$\log\left(\frac{Exp(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	L	L
6110	3948	1	$\arcsin\left(\frac{Exp(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	L	S
6111	3949	1	$\arctan\left(\frac{Exp(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	L	T
6112	3950	1	$\frac{\sin(w)}{u\sqrt{-1+v^2}}$	CDI	H	S	CD
6113	3950	2	$\frac{\sin(w)}{u\sqrt{-1+v^2}}$	CDIF	H	S	CDF
6114	3951	1	$\frac{u\sqrt{-1+v^2}}{\sin(w)}$	CDI	H	S	CDI
6115	3951	2	$\frac{u\sqrt{-1+v^2}}{\sin(w)}$	CDIF	H	S	CDIF
6116	3952	1	$\frac{\sin(w)\pi}{u\sqrt{-1+v^2}}$	CDI	H	S	CDF
6117	3953	1	$\frac{u\sqrt{-1+v^2}}{\sin(w)\pi}$	CDI	H	S	CDIF
6118	3954	1	$\frac{(\sin(w))^2}{u^2(-1+v^2)}$	CDI	H	S	AB
6119	3955	1	$\sqrt{\frac{\sin(w)}{u\sqrt{-1+v^2}}}$	CDI	H	S	R
6120	3956	1	$\frac{(\sin(w))^3}{u^3(-1+v^2)^{3/2}}$	CDI	H	S	K
6121	3957	1	$e^{\frac{\sin(w)}{u\sqrt{-1+v^2}}}$	CDI	H	S	E
6122	3958	1	$\log\left(\frac{\sin(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	S	L

6123	3959	1	$\arcsin\left(\frac{\sin(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	S	S
6124	3960	1	$\arctan\left(\frac{\sin(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	S	T
6125	3961	1	$\frac{\tan(w)}{u\sqrt{-1+v^2}}$	CDI	H	T	CD
6126	3961	2	$\frac{\tan(w)}{u\sqrt{-1+v^2}}$	CDIF	H	T	CDF
6127	3962	1	$\frac{u\sqrt{-1+v^2}}{\tan(w)}$	CDI	H	T	CDI
6128	3962	2	$\frac{u\sqrt{-1+v^2}}{\tan(w)}$	CDIF	H	T	CDIF
6129	3963	1	$\frac{\tan(w)\pi}{u\sqrt{-1+v^2}}$	CDI	H	T	CDF
6130	3964	1	$\frac{u\sqrt{-1+v^2}}{\tan(w)\pi}$	CDI	H	T	CDIF
6131	3965	1	$\frac{(\tan(w))^2}{u^2(-1+v^2)}$	CDI	H	T	AB
6132	3966	1	$\sqrt{\frac{\tan(w)}{u\sqrt{-1+v^2}}}$	CDI	H	T	R
6133	3967	1	$\frac{(\tan(w))^3}{u^3(-1+v^2)^{3/2}}$	CDI	H	T	K
6134	3968	1	$e^{\frac{\tan(w)}{u\sqrt{-1+v^2}}}$	CDI	H	T	E
6135	3969	1	$\log\left(\frac{\tan(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	T	L
6136	3970	1	$\arcsin\left(\frac{\tan(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	T	S
6137	3971	1	$\arctan\left(\frac{\tan(w)}{u\sqrt{-1+v^2}}\right)$	CDI	H	T	T

6138	3972	1	$\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}$	CDI	H	P	CD
6139	3972	2	$\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}$	CDIF	H	P	CDF
6140	3973	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{1-w^2}}$	CDI	H	P	CDI
6141	3973	2	$\frac{u\sqrt{-1+v^2}}{\sqrt{1-w^2}}$	CDIF	H	P	CDIF
6142	3974	1	$\frac{\sqrt{1-w^2}\pi}{u\sqrt{-1+v^2}}$	CDI	H	P	CDF
6143	3975	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{1-w^2}\pi}$	CDI	H	P	CDIF
6144	3976	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}}$	CDI	H	P	R
6145	3977	1	$\frac{(1-w^2)^{3/2}}{u^3(-1+v^2)^{3/2}}$	CDI	H	P	K
6146	3978	1	$e^{\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}}$	CDI	H	P	E
6147	3979	1	$\log\left(\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	P	L
6148	3980	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	P	S
6149	3981	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	P	T
6150	3982	1	$\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}$	CDI	H	H	CD
6151	3982	2	$\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}$	CDIF	H	H	CDF

6152	3983	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{-1+w^2}}$	CDI	H	H	CDI
6153	3983	2	$\frac{u\sqrt{-1+v^2}}{\sqrt{-1+w^2}}$	CDIF	H	H	CDIF
6154	3984	1	$\frac{\sqrt{-1+w^2}\pi}{u\sqrt{-1+v^2}}$	CDI	H	H	CDF
6155	3985	1	$\frac{u\sqrt{-1+v^2}}{\sqrt{-1+w^2}\pi}$	CDI	H	H	CDIF
6156	3986	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}}$	CDI	H	H	R
6157	3987	1	$\frac{(-1+w^2)^{3/2}}{u^3(-1+v^2)^{3/2}}$	CDI	H	H	K
6158	3988	1	$e^{\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}}$	CDI	H	H	E
6159	3989	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	H	L
6160	3990	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	H	S
6161	3991	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\sqrt{-1+v^2}}\right)$	CDI	H	H	T
6162	3992	1	$\frac{u^2w^2}{v^2\pi^4}$	CDF	CD	CDF	AB
6163	3993	1	$\sqrt{\frac{uw}{v\pi^2}}$	CDF	CD	CDF	R
6164	3994	1	$\frac{u^3w^3}{v^3\pi^6}$	CDF	CD	CDF	K
6165	3995	1	$e^{\frac{uw}{v\pi^2}}$	CDF	CD	CDF	E
6166	3996	1	$\log\left(\frac{uw}{v\pi^2}\right)$	CDF	CD	CDF	L

6167	3997	1	$\arcsin\left(\frac{uw}{v\pi^2}\right)$	CDF	CD	CDF	S
6168	3998	1	$\arctan\left(\frac{uw}{v\pi^2}\right)$	CDF	CD	CDF	T
6169	3999	1	$\sqrt{-\frac{v^2\pi^4 + u^2w^2}{v^2\pi^4}}$	CDF	CD	CDF	P
6170	4000	1	$\sqrt{\frac{v^2\pi^4 + u^2w^2}{v^2\pi^4}}$	CDF	CD	CDF	H
6171	4001	1	$\frac{u^2}{v^2w^2\pi^4}$	CDF	CD	CDIF	AB
6172	4002	1	$\sqrt{\frac{u}{vw\pi^2}}$	CDF	CD	CDIF	R
6173	4003	1	$\frac{u^3}{v^3w^3\pi^6}$	CDF	CD	CDIF	K
6174	4004	1	$e^{\frac{u}{vw\pi^2}}$	CDF	CD	CDIF	E
6175	4005	1	$\log\left(\frac{u}{vw\pi^2}\right)$	CDF	CD	CDIF	L
6176	4006	1	$\arcsin\left(\frac{u}{vw\pi^2}\right)$	CDF	CD	CDIF	S
6177	4007	1	$\arctan\left(\frac{u}{vw\pi^2}\right)$	CDF	CD	CDIF	T
6178	4008	1	$\sqrt{-\frac{v^2w^2\pi^4 + u^2}{v^2w^2\pi^4}}$	CDF	CD	CDIF	P
6179	4009	1	$\sqrt{\frac{v^2w^2\pi^4 + u^2}{v^2w^2\pi^4}}$	CDF	CD	CDIF	H
6180	4010	1	$\frac{u\sqrt{w}}{\pi v}$	CDF	CD	AB	CD
6181	4011	1	$\frac{\pi v}{u\sqrt{w}}$	CDF	CD	AB	CDI

6182	4012	1	$\frac{u^2 w}{v^2 \pi^2}$	CDF	CD	AB	AB
6183	4013	1	$\sqrt{\frac{u \sqrt{w}}{\pi v}}$	CDF	CD	AB	R
6184	4014	1	$\frac{u^3 w^{3/2}}{\pi^3 v^3}$	CDF	CD	AB	K
6185	4015	1	$e^{\frac{u \sqrt{w}}{\pi v}}$	CDF	CD	AB	E
6186	4016	1	$\log \left(\frac{u \sqrt{w}}{\pi v} \right)$	CDF	CD	AB	L
6187	4017	1	$\arcsin \left(\frac{u \sqrt{w}}{\pi v} \right)$	CDF	CD	AB	S
6188	4018	1	$\arctan \left(\frac{u \sqrt{w}}{\pi v} \right)$	CDF	CD	AB	T
6189	4019	1	$\sqrt{-\frac{v^2 \pi^2 + u^2 w}{v^2 \pi^2}}$	CDF	CD	AB	P
6190	4020	1	$\sqrt{\frac{v^2 \pi^2 + u^2 w}{v^2 \pi^2}}$	CDF	CD	AB	H
6191	4021	1	$\frac{u w^2}{\pi v}$	CDF	CD	R	CD
6192	4022	1	$\frac{\pi v}{u w^2}$	CDF	CD	R	CDI
6193	4023	1	$\frac{u^2 w^4}{v^2 \pi^2}$	CDF	CD	R	AB
6194	4024	1	$\sqrt{\frac{u w^2}{\pi v}}$	CDF	CD	R	R
6195	4025	1	$\frac{u^3 w^6}{\pi^3 v^3}$	CDF	CD	R	K

6196	4026	1	$e^{\frac{uw^2}{\pi v}}$	CDF	CD	R	E
6197	4027	1	$\log\left(\frac{uw^2}{\pi v}\right)$	CDF	CD	R	L
6198	4028	1	$\arcsin\left(\frac{uw^2}{\pi v}\right)$	CDF	CD	R	S
6199	4029	1	$\arctan\left(\frac{uw^2}{\pi v}\right)$	CDF	CD	R	T
6200	4030	1	$\sqrt{-\frac{v^2\pi^2 + u^2w^4}{v^2\pi^2}}$	CDF	CD	R	P
6201	4031	1	$\sqrt{\frac{v^2\pi^2 + u^2w^4}{v^2\pi^2}}$	CDF	CD	R	H
6202	4032	1	$\frac{u\sqrt[3]{w}}{\pi v}$	CDF	CD	K	CD
6203	4033	1	$\frac{\pi v}{u\sqrt[3]{w}}$	CDF	CD	K	CDI
6204	4034	1	$\frac{u^2w^{2/3}}{v^2\pi^2}$	CDF	CD	K	AB
6205	4035	1	$\sqrt{\frac{u\sqrt[3]{w}}{\pi v}}$	CDF	CD	K	R
6206	4036	1	$\frac{u^3w}{\pi^3v^3}$	CDF	CD	K	K
6207	4037	1	$e^{\frac{u\sqrt[3]{w}}{\pi v}}$	CDF	CD	K	E
6208	4038	1	$\log\left(\frac{u\sqrt[3]{w}}{\pi v}\right)$	CDF	CD	K	L
6209	4039	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\pi v}\right)$	CDF	CD	K	S
6210	4040	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\pi v}\right)$	CDF	CD	K	T

6211	4041	1	$\sqrt{-\frac{v^2\pi^2 + u^2w^{2/3}}{v^2\pi^2}}$	CDF	CD	K	P
6212	4042	1	$\sqrt{\frac{v^2\pi^2 + u^2w^{2/3}}{v^2\pi^2}}$	CDF	CD	K	H
6213	4043	1	$\frac{u \ln(w)}{\pi v}$	CDF	CD	E	CD
6214	4044	1	$\frac{\pi v}{u \ln(w)}$	CDF	CD	E	CDI
6215	4045	1	$\frac{u^2 (\ln(w))^2}{v^2\pi^2}$	CDF	CD	E	AB
6216	4046	1	$\sqrt{\frac{u \ln(w)}{\pi v}}$	CDF	CD	E	R
6217	4047	1	$\frac{u^3 (\ln(w))^3}{\pi^3 v^3}$	CDF	CD	E	K
6218	4048	1	$w^{\frac{u}{\pi v}}$	CDF	CD	E	E
6219	4049	1	$\log\left(\frac{u \ln(w)}{\pi v}\right)$	CDF	CD	E	L
6220	4050	1	$\arcsin\left(\frac{u \ln(w)}{\pi v}\right)$	CDF	CD	E	S
6221	4051	1	$\arctan\left(\frac{u \ln(w)}{\pi v}\right)$	CDF	CD	E	T
6222	4052	1	$\sqrt{-\frac{v^2\pi^2 + u^2 (\ln(w))^2}{v^2\pi^2}}$	CDF	CD	E	P
6223	4053	1	$\sqrt{\frac{v^2\pi^2 + u^2 (\ln(w))^2}{v^2\pi^2}}$	CDF	CD	E	H
6224	4054	1	$\frac{uExp(w)}{\pi v}$	CDF	CD	L	CD

6225	4055	1	$\frac{\pi v}{u \text{Exp}(w)}$	CDF	CD	L	CDI
6226	4056	1	$\frac{u^2 (\text{Exp}(w))^2}{v^2 \pi^2}$	CDF	CD	L	AB
6227	4057	1	$\sqrt{\frac{u \text{Exp}(w)}{\pi v}}$	CDF	CD	L	R
6228	4058	1	$\frac{u^3 (\text{Exp}(w))^3}{\pi^3 v^3}$	CDF	CD	L	K
6229	4059	1	$e^{\frac{u \text{Exp}(w)}{\pi v}}$	CDF	CD	L	E
6230	4060	1	$\log\left(\frac{u \text{Exp}(w)}{\pi v}\right)$	CDF	CD	L	L
6231	4061	1	$\arcsin\left(\frac{u \text{Exp}(w)}{\pi v}\right)$	CDF	CD	L	S
6232	4062	1	$\arctan\left(\frac{u \text{Exp}(w)}{\pi v}\right)$	CDF	CD	L	T
6233	4063	1	$\sqrt{-\frac{v^2 \pi^2 + u^2 (\text{Exp}(w))^2}{v^2 \pi^2}}$	CDF	CD	L	P
6234	4064	1	$\sqrt{\frac{v^2 \pi^2 + u^2 (\text{Exp}(w))^2}{v^2 \pi^2}}$	CDF	CD	L	H
6235	4065	1	$\frac{u \sin(w)}{\pi v}$	CDF	CD	S	CD
6236	4066	1	$\frac{\pi v}{u \sin(w)}$	CDF	CD	S	CDI
6237	4067	1	$\frac{u^2 (\sin(w))^2}{v^2 \pi^2}$	CDF	CD	S	AB
6238	4068	1	$\sqrt{\frac{u \sin(w)}{\pi v}}$	CDF	CD	S	R
6239	4069	1	$\frac{u^3 (\sin(w))^3}{\pi^3 v^3}$	CDF	CD	S	K

6240	4070	1	$e^{\frac{u \sin(w)}{\pi v}}$	CDF	CD	S	E
6241	4071	1	$\log\left(\frac{u \sin(w)}{\pi v}\right)$	CDF	CD	S	L
6242	4072	1	$\arcsin\left(\frac{u \sin(w)}{\pi v}\right)$	CDF	CD	S	S
6243	4073	1	$\arctan\left(\frac{u \sin(w)}{\pi v}\right)$	CDF	CD	S	T
6244	4074	1	$\sqrt{\frac{v^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{v^2 \pi^2}}$	CDF	CD	S	P
6245	4075	1	$\sqrt{-\frac{v^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{v^2 \pi^2}}$	CDF	CD	S	H
6246	4076	1	$\frac{u \tan(w)}{\pi v}$	CDF	CD	T	CD
6247	4077	1	$\frac{\pi v}{u \tan(w)}$	CDF	CD	T	CDI
6248	4078	1	$\frac{u^2 (\tan(w))^2}{v^2 \pi^2}$	CDF	CD	T	AB
6249	4079	1	$\sqrt{\frac{u \tan(w)}{\pi v}}$	CDF	CD	T	R
6250	4080	1	$\frac{u^3 (\tan(w))^3}{\pi^3 v^3}$	CDF	CD	T	K
6251	4081	1	$e^{\frac{u \tan(w)}{\pi v}}$	CDF	CD	T	E
6252	4082	1	$\log\left(\frac{u \tan(w)}{\pi v}\right)$	CDF	CD	T	L
6253	4083	1	$\arcsin\left(\frac{u \tan(w)}{\pi v}\right)$	CDF	CD	T	S

6254	4084	1	$\arctan\left(\frac{u \tan(w)}{\pi v}\right)$	CDF	CD	T	T
6255	4085	1	$\sqrt{-\frac{v^2 \pi^2 + u^2 (\tan(w))^2}{v^2 \pi^2}}$	CDF	CD	T	P
6256	4086	1	$\sqrt{\frac{v^2 \pi^2 + u^2 (\tan(w))^2}{v^2 \pi^2}}$	CDF	CD	T	H
6257	4087	1	$\frac{u \sqrt{1-w^2}}{\pi v}$	CDF	CD	P	CD
6258	4088	1	$\frac{\pi v}{u \sqrt{1-w^2}}$	CDF	CD	P	CDI
6259	4089	1	$-\frac{u^2 (-1+w^2)}{v^2 \pi^2}$	CDF	CD	P	AB
6260	4090	1	$\sqrt{\frac{u \sqrt{1-w^2}}{\pi v}}$	CDF	CD	P	R
6261	4091	1	$\frac{u^3 (1-w^2)^{3/2}}{\pi^3 v^3}$	CDF	CD	P	K
6262	4092	1	$e^{\frac{u \sqrt{1-w^2}}{\pi v}}$	CDF	CD	P	E
6263	4093	1	$\log\left(\frac{u \sqrt{1-w^2}}{\pi v}\right)$	CDF	CD	P	L
6264	4094	1	$\arcsin\left(\frac{u \sqrt{1-w^2}}{\pi v}\right)$	CDF	CD	P	S
6265	4095	1	$\arctan\left(\frac{u \sqrt{1-w^2}}{\pi v}\right)$	CDF	CD	P	T
6266	4096	1	$\sqrt{\frac{v^2 \pi^2 - u^2 + u^2 w^2}{v^2 \pi^2}}$	CDF	CD	P	P
6267	4096	2	$\sqrt{\frac{v^2 \pi^2 - u^2 + u^2 w^2}{v^2 \pi^2}}$	CDF	CD	H	H

6268	4097	1	$\sqrt{-\frac{v^2\pi^2 - u^2 + u^2w^2}{v^2\pi^2}}$	CDF	CD	P	H
6269	4097	2	$\sqrt{-\frac{v^2\pi^2 - u^2 + u^2w^2}{v^2\pi^2}}$	CDF	CD	H	P
6270	4098	1	$\frac{u\sqrt{-1+w^2}}{\pi v}$	CDF	CD	H	CD
6271	4099	1	$\frac{\pi v}{u\sqrt{-1+w^2}}$	CDF	CD	H	CDI
6272	4100	1	$\frac{u^2(-1+w^2)}{v^2\pi^2}$	CDF	CD	H	AB
6273	4101	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi v}}$	CDF	CD	H	R
6274	4102	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3v^3}$	CDF	CD	H	K
6275	4103	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi v}}$	CDF	CD	H	E
6276	4104	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi v}\right)$	CDF	CD	H	L
6277	4105	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi v}\right)$	CDF	CD	H	S
6278	4106	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi v}\right)$	CDF	CD	H	T
6279	4107	1	$\frac{u^2v^2w^2}{\pi^4}$	CDF	CDI	CDF	AB
6280	4108	1	$\sqrt{\frac{uvw}{\pi^2}}$	CDF	CDI	CDF	R
6281	4109	1	$\frac{u^3v^3w^3}{\pi^6}$	CDF	CDI	CDF	K
6282	4110	1	$e^{\frac{uvw}{\pi^2}}$	CDF	CDI	CDF	E

6283	4111	1	$\log\left(\frac{uvw}{\pi^2}\right)$	CDF	CDI	CDF	L
6284	4112	1	$\arcsin\left(\frac{uvw}{\pi^2}\right)$	CDF	CDI	CDF	S
6285	4113	1	$\arctan\left(\frac{uvw}{\pi^2}\right)$	CDF	CDI	CDF	T
6286	4114	1	$\sqrt{-\frac{-\pi^4 + u^2v^2w^2}{\pi^4}}$	CDF	CDI	CDF	P
6287	4115	1	$\sqrt{\frac{\pi^4 + u^2v^2w^2}{\pi^4}}$	CDF	CDI	CDF	H
6288	4116	1	$\frac{u^2v^2}{w^2\pi^4}$	CDF	CDI	CDIF	AB
6289	4117	1	$\sqrt{\frac{uv}{w\pi^2}}$	CDF	CDI	CDIF	R
6290	4118	1	$\frac{u^3v^3}{w^3\pi^6}$	CDF	CDI	CDIF	K
6291	4119	1	$e^{\frac{uv}{w\pi^2}}$	CDF	CDI	CDIF	E
6292	4120	1	$\log\left(\frac{uv}{w\pi^2}\right)$	CDF	CDI	CDIF	L
6293	4121	1	$\arcsin\left(\frac{uv}{w\pi^2}\right)$	CDF	CDI	CDIF	S
6294	4122	1	$\arctan\left(\frac{uv}{w\pi^2}\right)$	CDF	CDI	CDIF	T
6295	4123	1	$\sqrt{-\frac{-w^2\pi^4 + u^2v^2}{w^2\pi^4}}$	CDF	CDI	CDIF	P
6296	4124	1	$\sqrt{\frac{w^2\pi^4 + u^2v^2}{w^2\pi^4}}$	CDF	CDI	CDIF	H
6297	4125	1	$\frac{uv\sqrt{w}}{\pi}$	CDF	CDI	AB	CD

6298	4126	1	$\frac{\pi}{uv\sqrt{w}}$	CDF	CDI	AB	CDI
6299	4127	1	$\frac{u^2v^2w}{\pi^2}$	CDF	CDI	AB	AB
6300	4128	1	$\sqrt{\frac{uv\sqrt{w}}{\pi}}$	CDF	CDI	AB	R
6301	4129	1	$\frac{u^3v^3w^{3/2}}{\pi^3}$	CDF	CDI	AB	K
6302	4130	1	$e^{\frac{uv\sqrt{w}}{\pi}}$	CDF	CDI	AB	E
6303	4131	1	$\log\left(\frac{uv\sqrt{w}}{\pi}\right)$	CDF	CDI	AB	L
6304	4132	1	$\arcsin\left(\frac{uv\sqrt{w}}{\pi}\right)$	CDF	CDI	AB	S
6305	4133	1	$\arctan\left(\frac{uv\sqrt{w}}{\pi}\right)$	CDF	CDI	AB	T
6306	4134	1	$\sqrt{-\frac{\pi^2 + u^2v^2w}{\pi^2}}$	CDF	CDI	AB	P
6307	4135	1	$\sqrt{\frac{\pi^2 + u^2v^2w}{\pi^2}}$	CDF	CDI	AB	H
6308	4136	1	$\frac{uvw^2}{\pi}$	CDF	CDI	R	CD
6309	4137	1	$\frac{\pi}{uvw^2}$	CDF	CDI	R	CDI
6310	4138	1	$\frac{u^2v^2w^4}{\pi^2}$	CDF	CDI	R	AB
6311	4139	1	$\sqrt{\frac{uvw^2}{\pi}}$	CDF	CDI	R	R

6312	4140	1	$\frac{u^3 v^3 w^6}{\pi^3}$	CDF	CDI	R	K
6313	4141	1	$e^{\frac{uvw^2}{\pi}}$	CDF	CDI	R	E
6314	4142	1	$\log\left(\frac{uvw^2}{\pi}\right)$	CDF	CDI	R	L
6315	4143	1	$\arcsin\left(\frac{uvw^2}{\pi}\right)$	CDF	CDI	R	S
6316	4144	1	$\arctan\left(\frac{uvw^2}{\pi}\right)$	CDF	CDI	R	T
6317	4145	1	$\sqrt{-\frac{\pi^2 + u^2 v^2 w^4}{\pi^2}}$	CDF	CDI	R	P
6318	4146	1	$\sqrt{\frac{\pi^2 + u^2 v^2 w^4}{\pi^2}}$	CDF	CDI	R	H
6319	4147	1	$\frac{uv\sqrt[3]{w}}{\pi}$	CDF	CDI	K	CD
6320	4148	1	$\frac{\pi}{uv\sqrt[3]{w}}$	CDF	CDI	K	CDI
6321	4149	1	$\frac{u^2 v^2 w^{2/3}}{\pi^2}$	CDF	CDI	K	AB
6322	4150	1	$\sqrt{\frac{uv\sqrt[3]{w}}{\pi}}$	CDF	CDI	K	R
6323	4151	1	$\frac{u^3 v^3 w}{\pi^3}$	CDF	CDI	K	K
6324	4152	1	$e^{\frac{uv\sqrt[3]{w}}{\pi}}$	CDF	CDI	K	E
6325	4153	1	$\log\left(\frac{uv\sqrt[3]{w}}{\pi}\right)$	CDF	CDI	K	L
6326	4154	1	$\arcsin\left(\frac{uv\sqrt[3]{w}}{\pi}\right)$	CDF	CDI	K	S

6327	4155	1	$\arctan\left(\frac{uv\sqrt[3]{w}}{\pi}\right)$	CDF	CDI	K	T
6328	4156	1	$\sqrt{-\frac{-\pi^2 + u^2v^2w^{2/3}}{\pi^2}}$	CDF	CDI	K	P
6329	4157	1	$\sqrt{\frac{\pi^2 + u^2v^2w^{2/3}}{\pi^2}}$	CDF	CDI	K	H
6330	4158	1	$\frac{uv \ln(w)}{\pi}$	CDF	CDI	E	CD
6331	4159	1	$\frac{\pi}{uv \ln(w)}$	CDF	CDI	E	CDI
6332	4160	1	$\frac{u^2v^2(\ln(w))^2}{\pi^2}$	CDF	CDI	E	AB
6333	4161	1	$\sqrt{\frac{uv \ln(w)}{\pi}}$	CDF	CDI	E	R
6334	4162	1	$\frac{u^3v^3(\ln(w))^3}{\pi^3}$	CDF	CDI	E	K
6335	4163	1	$w^{\frac{uv}{\pi}}$	CDF	CDI	E	E
6336	4164	1	$\log\left(\frac{uv \ln(w)}{\pi}\right)$	CDF	CDI	E	L
6337	4165	1	$\arcsin\left(\frac{uv \ln(w)}{\pi}\right)$	CDF	CDI	E	S
6338	4166	1	$\arctan\left(\frac{uv \ln(w)}{\pi}\right)$	CDF	CDI	E	T
6339	4167	1	$\sqrt{-\frac{-\pi^2 + u^2v^2(\ln(w))^2}{\pi^2}}$	CDF	CDI	E	P
6340	4168	1	$\sqrt{\frac{\pi^2 + u^2v^2(\ln(w))^2}{\pi^2}}$	CDF	CDI	E	H

6341	4169	1	$\frac{uv \text{Exp}(w)}{\pi}$	CDF	CDI	L	CD
6342	4170	1	$\frac{\pi}{uv \text{Exp}(w)}$	CDF	CDI	L	CDI
6343	4171	1	$\frac{u^2 v^2 (\text{Exp}(w))^2}{\pi^2}$	CDF	CDI	L	AB
6344	4172	1	$\sqrt{\frac{uv \text{Exp}(w)}{\pi}}$	CDF	CDI	L	R
6345	4173	1	$\frac{u^3 v^3 (\text{Exp}(w))^3}{\pi^3}$	CDF	CDI	L	K
6346	4174	1	$e^{\frac{uv \text{Exp}(w)}{\pi}}$	CDF	CDI	L	E
6347	4175	1	$\log\left(\frac{uv \text{Exp}(w)}{\pi}\right)$	CDF	CDI	L	L
6348	4176	1	$\arcsin\left(\frac{uv \text{Exp}(w)}{\pi}\right)$	CDF	CDI	L	S
6349	4177	1	$\arctan\left(\frac{uv \text{Exp}(w)}{\pi}\right)$	CDF	CDI	L	T
6350	4178	1	$\sqrt{-\frac{\pi^2 + u^2 v^2 (\text{Exp}(w))^2}{\pi^2}}$	CDF	CDI	L	P
6351	4179	1	$\sqrt{\frac{\pi^2 + u^2 v^2 (\text{Exp}(w))^2}{\pi^2}}$	CDF	CDI	L	H
6352	4180	1	$\frac{uv \sin(w)}{\pi}$	CDF	CDI	S	CD
6353	4181	1	$\frac{\pi}{uv \sin(w)}$	CDF	CDI	S	CDI
6354	4182	1	$\frac{u^2 v^2 (\sin(w))^2}{\pi^2}$	CDF	CDI	S	AB
6355	4183	1	$\sqrt{\frac{uv \sin(w)}{\pi}}$	CDF	CDI	S	R

6356	4184	1	$\frac{u^3 v^3 (\sin(w))^3}{\pi^3}$	CDF	CDI	S	K
6357	4185	1	$e^{\frac{uv \sin(w)}{\pi}}$	CDF	CDI	S	E
6358	4186	1	$\log\left(\frac{uv \sin(w)}{\pi}\right)$	CDF	CDI	S	L
6359	4187	1	$\arcsin\left(\frac{uv \sin(w)}{\pi}\right)$	CDF	CDI	S	S
6360	4188	1	$\arctan\left(\frac{uv \sin(w)}{\pi}\right)$	CDF	CDI	S	T
6361	4189	1	$\sqrt{\frac{\pi^2 - u^2 v^2 + u^2 v^2 (\cos(w))^2}{\pi^2}}$	CDF	CDI	S	P
6362	4190	1	$\sqrt{-\frac{\pi^2 - u^2 v^2 + u^2 v^2 (\cos(w))^2}{\pi^2}}$	CDF	CDI	S	H
6363	4191	1	$\frac{uv \tan(w)}{\pi}$	CDF	CDI	T	CD
6364	4192	1	$\frac{\pi}{uv \tan(w)}$	CDF	CDI	T	CDI
6365	4193	1	$\frac{u^2 v^2 (\tan(w))^2}{\pi^2}$	CDF	CDI	T	AB
6366	4194	1	$\sqrt{\frac{uv \tan(w)}{\pi}}$	CDF	CDI	T	R
6367	4195	1	$\frac{u^3 v^3 (\tan(w))^3}{\pi^3}$	CDF	CDI	T	K
6368	4196	1	$e^{\frac{uv \tan(w)}{\pi}}$	CDF	CDI	T	E
6369	4197	1	$\log\left(\frac{uv \tan(w)}{\pi}\right)$	CDF	CDI	T	L

6370	4198	1	$\arcsin\left(\frac{uv \tan(w)}{\pi}\right)$	CDF	CDI	T	S
6371	4199	1	$\arctan\left(\frac{uv \tan(w)}{\pi}\right)$	CDF	CDI	T	T
6372	4200	1	$\sqrt{-\frac{\pi^2 + u^2 v^2 (\tan(w))^2}{\pi^2}}$	CDF	CDI	T	P
6373	4201	1	$\sqrt{\frac{\pi^2 + u^2 v^2 (\tan(w))^2}{\pi^2}}$	CDF	CDI	T	H
6374	4202	1	$\frac{uv\sqrt{1-w^2}}{\pi}$	CDF	CDI	P	CD
6375	4203	1	$\frac{\pi}{uv\sqrt{1-w^2}}$	CDF	CDI	P	CDI
6376	4204	1	$-\frac{u^2 v^2 (-1 + w^2)}{\pi^2}$	CDF	CDI	P	AB
6377	4205	1	$\sqrt{\frac{uv\sqrt{1-w^2}}{\pi}}$	CDF	CDI	P	R
6378	4206	1	$\frac{u^3 v^3 (1 - w^2)^{3/2}}{\pi^3}$	CDF	CDI	P	K
6379	4207	1	$e^{\frac{uv\sqrt{1-w^2}}{\pi}}$	CDF	CDI	P	E
6380	4208	1	$\log\left(\frac{uv\sqrt{1-w^2}}{\pi}\right)$	CDF	CDI	P	L
6381	4209	1	$\arcsin\left(\frac{uv\sqrt{1-w^2}}{\pi}\right)$	CDF	CDI	P	S
6382	4210	1	$\arctan\left(\frac{uv\sqrt{1-w^2}}{\pi}\right)$	CDF	CDI	P	T
6383	4211	1	$\sqrt{\frac{\pi^2 - u^2 v^2 + u^2 v^2 w^2}{\pi^2}}$	CDF	CDI	P	P

6384	4211	2	$\sqrt{\frac{\pi^2 - u^2v^2 + u^2v^2w^2}{\pi^2}}$	CDF	CDI	H	H
6385	4212	1	$\sqrt{-\frac{\pi^2 - u^2v^2 + u^2v^2w^2}{\pi^2}}$	CDF	CDI	P	H
6386	4212	2	$\sqrt{-\frac{\pi^2 - u^2v^2 + u^2v^2w^2}{\pi^2}}$	CDF	CDI	H	P
6387	4213	1	$\frac{uv\sqrt{-1+w^2}}{\pi}$	CDF	CDI	H	CD
6388	4214	1	$\frac{\pi}{uv\sqrt{-1+w^2}}$	CDF	CDI	H	CDI
6389	4215	1	$\frac{u^2v^2(-1+w^2)}{\pi^2}$	CDF	CDI	H	AB
6390	4216	1	$\sqrt{\frac{uv\sqrt{-1+w^2}}{\pi}}$	CDF	CDI	H	R
6391	4217	1	$\frac{u^3v^3(-1+w^2)^{3/2}}{\pi^3}$	CDF	CDI	H	K
6392	4218	1	$e^{\frac{uv\sqrt{-1+w^2}}{\pi}}$	CDF	CDI	H	E
6393	4219	1	$\log\left(\frac{uv\sqrt{-1+w^2}}{\pi}\right)$	CDF	CDI	H	L
6394	4220	1	$\arcsin\left(\frac{uv\sqrt{-1+w^2}}{\pi}\right)$	CDF	CDI	H	S
6395	4221	1	$\arctan\left(\frac{uv\sqrt{-1+w^2}}{\pi}\right)$	CDF	CDI	H	T
6396	4222	1	$\frac{uw}{\pi^2\sqrt{v}}$	CDF	AB	CDF	CD
6397	4223	1	$\frac{\pi^2\sqrt{v}}{uw}$	CDF	AB	CDF	CDI
6398	4224	1	$\frac{u^2w^2}{\pi^4v}$	CDF	AB	CDF	AB

6399	4225	1	$\sqrt{\frac{uw}{\pi^2\sqrt{v}}}$	CDF	AB	CDF	R
6400	4226	1	$\frac{u^3w^3}{\pi^6v^{3/2}}$	CDF	AB	CDF	K
6401	4227	1	$e^{\frac{uw}{\pi^2\sqrt{v}}}$	CDF	AB	CDF	E
6402	4228	1	$\log\left(\frac{uw}{\pi^2\sqrt{v}}\right)$	CDF	AB	CDF	L
6403	4229	1	$\arcsin\left(\frac{uw}{\pi^2\sqrt{v}}\right)$	CDF	AB	CDF	S
6404	4230	1	$\arctan\left(\frac{uw}{\pi^2\sqrt{v}}\right)$	CDF	AB	CDF	T
6405	4231	1	$\sqrt{-\frac{\pi^4v + u^2w^2}{\pi^4v}}$	CDF	AB	CDF	P
6406	4232	1	$\sqrt{\frac{\pi^4v + u^2w^2}{\pi^4v}}$	CDF	AB	CDF	H
6407	4233	1	$\frac{u}{\pi^2\sqrt{vw}}$	CDF	AB	CDIF	CD
6408	4234	1	$\frac{\pi^2\sqrt{v}w}{u}$	CDF	AB	CDIF	CDI
6409	4235	1	$\frac{u^2}{\pi^4vw^2}$	CDF	AB	CDIF	AB
6410	4236	1	$\sqrt{\frac{u}{\pi^2\sqrt{vw}}}$	CDF	AB	CDIF	R
6411	4237	1	$\frac{u^3}{\pi^6v^{3/2}w^3}$	CDF	AB	CDIF	K
6412	4238	1	$e^{\frac{u}{\pi^2\sqrt{vw}}}$	CDF	AB	CDIF	E
6413	4239	1	$\log\left(\frac{u}{\pi^2\sqrt{vw}}\right)$	CDF	AB	CDIF	L

6414	4240	1	$\arcsin\left(\frac{u}{\pi^2\sqrt{vw}}\right)$	CDF	AB	CDIF	S
6415	4241	1	$\arctan\left(\frac{u}{\pi^2\sqrt{vw}}\right)$	CDF	AB	CDIF	T
6416	4242	1	$\sqrt{-\frac{\pi^4vw^2+u^2}{\pi^4vw^2}}$	CDF	AB	CDIF	P
6417	4243	1	$\sqrt{\frac{\pi^4vw^2+u^2}{\pi^4vw^2}}$	CDF	AB	CDIF	H
6418	4244	1	$\frac{u\sqrt{w}}{\pi\sqrt{v}}$	CDF	AB	AB	CD
6419	4245	1	$\frac{\pi\sqrt{v}}{u\sqrt{w}}$	CDF	AB	AB	CDI
6420	4246	1	$\frac{u^2w}{v\pi^2}$	CDF	AB	AB	AB
6421	4247	1	$\sqrt{\frac{u\sqrt{w}}{\pi\sqrt{v}}}$	CDF	AB	AB	R
6422	4248	1	$\frac{u^3w^{3/2}}{\pi^3v^{3/2}}$	CDF	AB	AB	K
6423	4249	1	$e^{\frac{u\sqrt{w}}{\pi\sqrt{v}}}$	CDF	AB	AB	E
6424	4250	1	$\log\left(\frac{u\sqrt{w}}{\pi\sqrt{v}}\right)$	CDF	AB	AB	L
6425	4251	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi\sqrt{v}}\right)$	CDF	AB	AB	S
6426	4252	1	$\arctan\left(\frac{u\sqrt{w}}{\pi\sqrt{v}}\right)$	CDF	AB	AB	T
6427	4253	1	$\sqrt{-\frac{v\pi^2+u^2w}{v\pi^2}}$	CDF	AB	AB	P

6428	4254	1	$\sqrt{\frac{v\pi^2 + u^2w}{v\pi^2}}$	CDF	AB	AB	H
6429	4255	1	$\frac{uw^2}{\pi\sqrt{v}}$	CDF	AB	R	CD
6430	4256	1	$\frac{\pi\sqrt{v}}{uw^2}$	CDF	AB	R	CDI
6431	4257	1	$\frac{u^2w^4}{v\pi^2}$	CDF	AB	R	AB
6432	4258	1	$\sqrt{\frac{uw^2}{\pi\sqrt{v}}}$	CDF	AB	R	R
6433	4259	1	$\frac{u^3w^6}{\pi^3v^{3/2}}$	CDF	AB	R	K
6434	4260	1	$e^{\frac{uw^2}{\pi\sqrt{v}}}$	CDF	AB	R	E
6435	4261	1	$\log\left(\frac{uw^2}{\pi\sqrt{v}}\right)$	CDF	AB	R	L
6436	4262	1	$\arcsin\left(\frac{uw^2}{\pi\sqrt{v}}\right)$	CDF	AB	R	S
6437	4263	1	$\arctan\left(\frac{uw^2}{\pi\sqrt{v}}\right)$	CDF	AB	R	T
6438	4264	1	$\sqrt{-\frac{v\pi^2 + u^2w^4}{v\pi^2}}$	CDF	AB	R	P
6439	4265	1	$\sqrt{\frac{v\pi^2 + u^2w^4}{v\pi^2}}$	CDF	AB	R	H
6440	4266	1	$\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}$	CDF	AB	K	CD
6441	4267	1	$\frac{\pi\sqrt{v}}{u\sqrt[3]{w}}$	CDF	AB	K	CDI
6442	4268	1	$\frac{u^2w^{2/3}}{v\pi^2}$	CDF	AB	K	AB

6443	4269	1	$\sqrt{\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}}$	CDF	AB	K	R
6444	4270	1	$\frac{u^3w}{\pi^3v^{3/2}}$	CDF	AB	K	K
6445	4271	1	$e^{\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}}$	CDF	AB	K	E
6446	4272	1	$\log\left(\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}\right)$	CDF	AB	K	L
6447	4273	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}\right)$	CDF	AB	K	S
6448	4274	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\pi\sqrt{v}}\right)$	CDF	AB	K	T
6449	4275	1	$\sqrt{-\frac{v\pi^2+u^2w^{2/3}}{v\pi^2}}$	CDF	AB	K	P
6450	4276	1	$\sqrt{\frac{v\pi^2+u^2w^{2/3}}{v\pi^2}}$	CDF	AB	K	H
6451	4277	1	$\frac{u\ln(w)}{\pi\sqrt{v}}$	CDF	AB	E	CD
6452	4278	1	$\frac{\pi\sqrt{v}}{u\ln(w)}$	CDF	AB	E	CDI
6453	4279	1	$\frac{u^2(\ln(w))^2}{v\pi^2}$	CDF	AB	E	AB
6454	4280	1	$\sqrt{\frac{u\ln(w)}{\pi\sqrt{v}}}$	CDF	AB	E	R
6455	4281	1	$\frac{u^3(\ln(w))^3}{\pi^3v^{3/2}}$	CDF	AB	E	K
6456	4282	1	$w^{\frac{u}{\pi\sqrt{v}}}$	CDF	AB	E	E

6457	4283	1	$\log\left(\frac{u \ln(w)}{\pi\sqrt{v}}\right)$	CDF	AB	E	L
6458	4284	1	$\arcsin\left(\frac{u \ln(w)}{\pi\sqrt{v}}\right)$	CDF	AB	E	S
6459	4285	1	$\arctan\left(\frac{u \ln(w)}{\pi\sqrt{v}}\right)$	CDF	AB	E	T
6460	4286	1	$\sqrt{-\frac{v\pi^2 + u^2 (\ln(w))^2}{v\pi^2}}$	CDF	AB	E	P
6461	4287	1	$\sqrt{\frac{v\pi^2 + u^2 (\ln(w))^2}{v\pi^2}}$	CDF	AB	E	H
6462	4288	1	$\frac{uExp(w)}{\pi\sqrt{v}}$	CDF	AB	L	CD
6463	4289	1	$\frac{\pi\sqrt{v}}{uExp(w)}$	CDF	AB	L	CDI
6464	4290	1	$\frac{u^2 (Exp(w))^2}{v\pi^2}$	CDF	AB	L	AB
6465	4291	1	$\sqrt{\frac{uExp(w)}{\pi\sqrt{v}}}$	CDF	AB	L	R
6466	4292	1	$\frac{u^3 (Exp(w))^3}{\pi^3 v^{3/2}}$	CDF	AB	L	K
6467	4293	1	$e^{\frac{uExp(w)}{\pi\sqrt{v}}}$	CDF	AB	L	E
6468	4294	1	$\log\left(\frac{uExp(w)}{\pi\sqrt{v}}\right)$	CDF	AB	L	L
6469	4295	1	$\arcsin\left(\frac{uExp(w)}{\pi\sqrt{v}}\right)$	CDF	AB	L	S
6470	4296	1	$\arctan\left(\frac{uExp(w)}{\pi\sqrt{v}}\right)$	CDF	AB	L	T

6471	4297	1	$\sqrt{-\frac{v\pi^2 + u^2 (\text{Exp}(w))^2}{v\pi^2}}$	CDF	AB	L	P
6472	4298	1	$\sqrt{\frac{v\pi^2 + u^2 (\text{Exp}(w))^2}{v\pi^2}}$	CDF	AB	L	H
6473	4299	1	$\frac{u \sin(w)}{\pi\sqrt{v}}$	CDF	AB	S	CD
6474	4300	1	$\frac{\pi\sqrt{v}}{u \sin(w)}$	CDF	AB	S	CDI
6475	4301	1	$\frac{u^2 (\sin(w))^2}{v\pi^2}$	CDF	AB	S	AB
6476	4302	1	$\sqrt{\frac{u \sin(w)}{\pi\sqrt{v}}}$	CDF	AB	S	R
6477	4303	1	$\frac{u^3 (\sin(w))^3}{\pi^3 v^{3/2}}$	CDF	AB	S	K
6478	4304	1	$e^{\frac{u \sin(w)}{\pi\sqrt{v}}}$	CDF	AB	S	E
6479	4305	1	$\log\left(\frac{u \sin(w)}{\pi\sqrt{v}}\right)$	CDF	AB	S	L
6480	4306	1	$\arcsin\left(\frac{u \sin(w)}{\pi\sqrt{v}}\right)$	CDF	AB	S	S
6481	4307	1	$\arctan\left(\frac{u \sin(w)}{\pi\sqrt{v}}\right)$	CDF	AB	S	T
6482	4308	1	$\sqrt{\frac{v\pi^2 - u^2 + u^2 (\cos(w))^2}{v\pi^2}}$	CDF	AB	S	P
6483	4309	1	$\sqrt{-\frac{v\pi^2 - u^2 + u^2 (\cos(w))^2}{v\pi^2}}$	CDF	AB	S	H
6484	4310	1	$\frac{u \tan(w)}{\pi\sqrt{v}}$	CDF	AB	T	CD

6485	4311	1	$\frac{\pi\sqrt{v}}{u \tan(w)}$	CDF	AB	T	CDI
6486	4312	1	$\frac{u^2 (\tan(w))^2}{v\pi^2}$	CDF	AB	T	AB
6487	4313	1	$\sqrt{\frac{u \tan(w)}{\pi\sqrt{v}}}$	CDF	AB	T	R
6488	4314	1	$\frac{u^3 (\tan(w))^3}{\pi^3 v^{3/2}}$	CDF	AB	T	K
6489	4315	1	$e^{\frac{u \tan(w)}{\pi\sqrt{v}}}$	CDF	AB	T	E
6490	4316	1	$\log\left(\frac{u \tan(w)}{\pi\sqrt{v}}\right)$	CDF	AB	T	L
6491	4317	1	$\arcsin\left(\frac{u \tan(w)}{\pi\sqrt{v}}\right)$	CDF	AB	T	S
6492	4318	1	$\arctan\left(\frac{u \tan(w)}{\pi\sqrt{v}}\right)$	CDF	AB	T	T
6493	4319	1	$\sqrt{-\frac{v\pi^2 + u^2 (\tan(w))^2}{v\pi^2}}$	CDF	AB	T	P
6494	4320	1	$\sqrt{\frac{v\pi^2 + u^2 (\tan(w))^2}{v\pi^2}}$	CDF	AB	T	H
6495	4321	1	$\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}$	CDF	AB	P	CD
6496	4322	1	$\frac{\pi\sqrt{v}}{u\sqrt{1-w^2}}$	CDF	AB	P	CDI
6497	4323	1	$-\frac{u^2 (-1+w^2)}{v\pi^2}$	CDF	AB	P	AB
6498	4324	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}}$	CDF	AB	P	R

6499	4325	1	$\frac{u^3 (1 - w^2)^{3/2}}{\pi^3 v^{3/2}}$	CDF	AB	P	K
6500	4326	1	$e^{\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}}$	CDF	AB	P	E
6501	4327	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}\right)$	CDF	AB	P	L
6502	4328	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}\right)$	CDF	AB	P	S
6503	4329	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{v}}\right)$	CDF	AB	P	T
6504	4330	1	$\sqrt{\frac{v\pi^2 - u^2 + u^2 w^2}{v\pi^2}}$	CDF	AB	P	P
6505	4330	2	$\sqrt{\frac{v\pi^2 - u^2 + u^2 w^2}{v\pi^2}}$	CDF	AB	H	H
6506	4331	1	$\sqrt{-\frac{v\pi^2 - u^2 + u^2 w^2}{v\pi^2}}$	CDF	AB	P	H
6507	4331	2	$\sqrt{-\frac{v\pi^2 - u^2 + u^2 w^2}{v\pi^2}}$	CDF	AB	H	P
6508	4332	1	$\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}}$	CDF	AB	H	CD
6509	4333	1	$\frac{\pi\sqrt{v}}{u\sqrt{-1+w^2}}$	CDF	AB	H	CDI
6510	4334	1	$\frac{u^2 (-1 + w^2)}{v\pi^2}$	CDF	AB	H	AB
6511	4335	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}}}$	CDF	AB	H	R
6512	4336	1	$\frac{u^3 (-1 + w^2)^{3/2}}{\pi^3 v^{3/2}}$	CDF	AB	H	K
6513	4337	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}}}$	CDF	AB	H	E

6514	4338	1	$\log \left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}} \right)$	CDF	AB	H	L
6515	4339	1	$\arcsin \left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}} \right)$	CDF	AB	H	S
6516	4340	1	$\arctan \left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{v}} \right)$	CDF	AB	H	T
6517	4341	1	$\frac{uw}{v^2\pi^2}$	CDF	R	CDF	CD
6518	4342	1	$\frac{v^2\pi^2}{uw}$	CDF	R	CDF	CDI
6519	4343	1	$\frac{u^2w^2}{\pi^4v^4}$	CDF	R	CDF	AB
6520	4344	1	$\sqrt{\frac{uw}{v^2\pi^2}}$	CDF	R	CDF	R
6521	4345	1	$\frac{u^3w^3}{\pi^6v^6}$	CDF	R	CDF	K
6522	4346	1	$e^{\frac{uw}{v^2\pi^2}}$	CDF	R	CDF	E
6523	4347	1	$\log \left(\frac{uw}{v^2\pi^2} \right)$	CDF	R	CDF	L
6524	4348	1	$\arcsin \left(\frac{uw}{v^2\pi^2} \right)$	CDF	R	CDF	S
6525	4349	1	$\arctan \left(\frac{uw}{v^2\pi^2} \right)$	CDF	R	CDF	T
6526	4350	1	$\sqrt{-\frac{\pi^4v^4+u^2w^2}{\pi^4v^4}}$	CDF	R	CDF	P
6527	4351	1	$\sqrt{\frac{\pi^4v^4+u^2w^2}{\pi^4v^4}}$	CDF	R	CDF	H
6528	4352	1	$\frac{u}{v^2w\pi^2}$	CDF	R	CDIF	CD

6529	4353	1	$\frac{v^2 w \pi^2}{u}$	CDF	R	CDIF	CDI
6530	4354	1	$\frac{u^2}{\pi^4 v^4 w^2}$	CDF	R	CDIF	AB
6531	4355	1	$\sqrt{\frac{u}{v^2 w \pi^2}}$	CDF	R	CDIF	R
6532	4356	1	$\frac{u^3}{\pi^6 v^6 w^3}$	CDF	R	CDIF	K
6533	4357	1	$e^{\frac{u}{v^2 w \pi^2}}$	CDF	R	CDIF	E
6534	4358	1	$\log\left(\frac{u}{v^2 w \pi^2}\right)$	CDF	R	CDIF	L
6535	4359	1	$\arcsin\left(\frac{u}{v^2 w \pi^2}\right)$	CDF	R	CDIF	S
6536	4360	1	$\arctan\left(\frac{u}{v^2 w \pi^2}\right)$	CDF	R	CDIF	T
6537	4361	1	$\sqrt{-\frac{\pi^4 v^4 w^2 + u^2}{\pi^4 v^4 w^2}}$	CDF	R	CDIF	P
6538	4362	1	$\sqrt{\frac{\pi^4 v^4 w^2 + u^2}{\pi^4 v^4 w^2}}$	CDF	R	CDIF	H
6539	4363	1	$\frac{u\sqrt{w}}{\pi v^2}$	CDF	R	AB	CD
6540	4364	1	$\frac{\pi v^2}{u\sqrt{w}}$	CDF	R	AB	CDI
6541	4365	1	$\frac{u^2 w}{v^4 \pi^2}$	CDF	R	AB	AB
6542	4366	1	$\sqrt{\frac{u\sqrt{w}}{\pi v^2}}$	CDF	R	AB	R
6543	4367	1	$\frac{u^3 w^{3/2}}{\pi^3 v^6}$	CDF	R	AB	K

6544	4368	1	$e^{\frac{u\sqrt{w}}{\pi v^2}}$	CDF	R	AB	E
6545	4369	1	$\log\left(\frac{u\sqrt{w}}{\pi v^2}\right)$	CDF	R	AB	L
6546	4370	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi v^2}\right)$	CDF	R	AB	S
6547	4371	1	$\arctan\left(\frac{u\sqrt{w}}{\pi v^2}\right)$	CDF	R	AB	T
6548	4372	1	$\sqrt{-\frac{v^4\pi^2 + u^2w}{v^4\pi^2}}$	CDF	R	AB	P
6549	4373	1	$\sqrt{\frac{v^4\pi^2 + u^2w}{v^4\pi^2}}$	CDF	R	AB	H
6550	4374	1	$\frac{uw^2}{\pi v^2}$	CDF	R	R	CD
6551	4375	1	$\frac{\pi v^2}{uw^2}$	CDF	R	R	CDI
6552	4376	1	$\frac{u^2w^4}{v^4\pi^2}$	CDF	R	R	AB
6553	4377	1	$\sqrt{\frac{uw^2}{\pi v^2}}$	CDF	R	R	R
6554	4378	1	$\frac{u^3w^6}{\pi^3v^6}$	CDF	R	R	K
6555	4379	1	$e^{\frac{uw^2}{\pi v^2}}$	CDF	R	R	E
6556	4380	1	$\log\left(\frac{uw^2}{\pi v^2}\right)$	CDF	R	R	L
6557	4381	1	$\arcsin\left(\frac{uw^2}{\pi v^2}\right)$	CDF	R	R	S

6558	4382	1	$\arctan\left(\frac{uw^2}{\pi v^2}\right)$	CDF	R	R	T
6559	4383	1	$\sqrt{-\frac{v^4\pi^2 + u^2w^4}{v^4\pi^2}}$	CDF	R	R	P
6560	4384	1	$\sqrt{\frac{v^4\pi^2 + u^2w^4}{v^4\pi^2}}$	CDF	R	R	H
6561	4385	1	$\frac{u\sqrt[3]{w}}{\pi v^2}$	CDF	R	K	CD
6562	4386	1	$\frac{\pi v^2}{u\sqrt[3]{w}}$	CDF	R	K	CDI
6563	4387	1	$\frac{u^2w^{2/3}}{v^4\pi^2}$	CDF	R	K	AB
6564	4388	1	$\sqrt{\frac{u\sqrt[3]{w}}{\pi v^2}}$	CDF	R	K	R
6565	4389	1	$\frac{u^3w}{\pi^3v^6}$	CDF	R	K	K
6566	4390	1	$e^{\frac{u\sqrt[3]{w}}{\pi v^2}}$	CDF	R	K	E
6567	4391	1	$\log\left(\frac{u\sqrt[3]{w}}{\pi v^2}\right)$	CDF	R	K	L
6568	4392	1	$\arcsin\left(\frac{u\sqrt[3]{w}}{\pi v^2}\right)$	CDF	R	K	S
6569	4393	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\pi v^2}\right)$	CDF	R	K	T
6570	4394	1	$\sqrt{-\frac{v^4\pi^2 + u^2w^{2/3}}{v^4\pi^2}}$	CDF	R	K	P
6571	4395	1	$\sqrt{\frac{v^4\pi^2 + u^2w^{2/3}}{v^4\pi^2}}$	CDF	R	K	H
6572	4396	1	$\frac{u \ln(w)}{\pi v^2}$	CDF	R	E	CD

6573	4397	1	$\frac{\pi v^2}{u \ln(w)}$	CDF	R	E	CDI
6574	4398	1	$\frac{u^2 (\ln(w))^2}{v^4 \pi^2}$	CDF	R	E	AB
6575	4399	1	$\sqrt{\frac{u \ln(w)}{\pi v^2}}$	CDF	R	E	R
6576	4400	1	$\frac{u^3 (\ln(w))^3}{\pi^3 v^6}$	CDF	R	E	K
6577	4401	1	$w^{\frac{u}{\pi v^2}}$	CDF	R	E	E
6578	4402	1	$\log\left(\frac{u \ln(w)}{\pi v^2}\right)$	CDF	R	E	L
6579	4403	1	$\arcsin\left(\frac{u \ln(w)}{\pi v^2}\right)$	CDF	R	E	S
6580	4404	1	$\arctan\left(\frac{u \ln(w)}{\pi v^2}\right)$	CDF	R	E	T
6581	4405	1	$\sqrt{-\frac{v^4 \pi^2 + u^2 (\ln(w))^2}{v^4 \pi^2}}$	CDF	R	E	P
6582	4406	1	$\sqrt{\frac{v^4 \pi^2 + u^2 (\ln(w))^2}{v^4 \pi^2}}$	CDF	R	E	H
6583	4407	1	$\frac{u \text{Exp}(w)}{\pi v^2}$	CDF	R	L	CD
6584	4408	1	$\frac{\pi v^2}{u \text{Exp}(w)}$	CDF	R	L	CDI
6585	4409	1	$\frac{u^2 (\text{Exp}(w))^2}{v^4 \pi^2}$	CDF	R	L	AB
6586	4410	1	$\sqrt{\frac{u \text{Exp}(w)}{\pi v^2}}$	CDF	R	L	R

6587	4411	1	$\frac{u^3 (Exp(w))^3}{\pi^3 v^6}$	CDF	R	L	K
6588	4412	1	$e^{\frac{u Exp(w)}{\pi v^2}}$	CDF	R	L	E
6589	4413	1	$\log\left(\frac{u Exp(w)}{\pi v^2}\right)$	CDF	R	L	L
6590	4414	1	$\arcsin\left(\frac{u Exp(w)}{\pi v^2}\right)$	CDF	R	L	S
6591	4415	1	$\arctan\left(\frac{u Exp(w)}{\pi v^2}\right)$	CDF	R	L	T
6592	4416	1	$\sqrt{-\frac{v^4 \pi^2 + u^2 (Exp(w))^2}{v^4 \pi^2}}$	CDF	R	L	P
6593	4417	1	$\sqrt{\frac{v^4 \pi^2 + u^2 (Exp(w))^2}{v^4 \pi^2}}$	CDF	R	L	H
6594	4418	1	$\frac{u \sin(w)}{\pi v^2}$	CDF	R	S	CD
6595	4419	1	$\frac{\pi v^2}{u \sin(w)}$	CDF	R	S	CDI
6596	4420	1	$\frac{u^2 (\sin(w))^2}{v^4 \pi^2}$	CDF	R	S	AB
6597	4421	1	$\sqrt{\frac{u \sin(w)}{\pi v^2}}$	CDF	R	S	R
6598	4422	1	$\frac{u^3 (\sin(w))^3}{\pi^3 v^6}$	CDF	R	S	K
6599	4423	1	$e^{\frac{u \sin(w)}{\pi v^2}}$	CDF	R	S	E
6600	4424	1	$\log\left(\frac{u \sin(w)}{\pi v^2}\right)$	CDF	R	S	L
6601	4425	1	$\arcsin\left(\frac{u \sin(w)}{\pi v^2}\right)$	CDF	R	S	S

6602	4426	1	$\arctan\left(\frac{u \sin(w)}{\pi v^2}\right)$	CDF	R	S	T
6603	4427	1	$\sqrt{\frac{v^4 \pi^2 - u^2 + u^2 (\cos(w))^2}{v^4 \pi^2}}$	CDF	R	S	P
6604	4428	1	$\sqrt{-\frac{-v^4 \pi^2 - u^2 + u^2 (\cos(w))^2}{v^4 \pi^2}}$	CDF	R	S	H
6605	4429	1	$\frac{u \tan(w)}{\pi v^2}$	CDF	R	T	CD
6606	4430	1	$\frac{\pi v^2}{u \tan(w)}$	CDF	R	T	CDI
6607	4431	1	$\frac{u^2 (\tan(w))^2}{v^4 \pi^2}$	CDF	R	T	AB
6608	4432	1	$\sqrt{\frac{u \tan(w)}{\pi v^2}}$	CDF	R	T	R
6609	4433	1	$\frac{u^3 (\tan(w))^3}{\pi^3 v^6}$	CDF	R	T	K
6610	4434	1	$e^{\frac{u \tan(w)}{\pi v^2}}$	CDF	R	T	E
6611	4435	1	$\log\left(\frac{u \tan(w)}{\pi v^2}\right)$	CDF	R	T	L
6612	4436	1	$\arcsin\left(\frac{u \tan(w)}{\pi v^2}\right)$	CDF	R	T	S
6613	4437	1	$\arctan\left(\frac{u \tan(w)}{\pi v^2}\right)$	CDF	R	T	T
6614	4438	1	$\sqrt{-\frac{-v^4 \pi^2 + u^2 (\tan(w))^2}{v^4 \pi^2}}$	CDF	R	T	P
6615	4439	1	$\sqrt{\frac{v^4 \pi^2 + u^2 (\tan(w))^2}{v^4 \pi^2}}$	CDF	R	T	H

6616	4440	1	$\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}$	CDF	R	P	CD
6617	4441	1	$\frac{\pi v^2}{u\sqrt{1-w^2}}$	CDF	R	P	CDI
6618	4442	1	$-\frac{u^2(-1+w^2)}{v^4\pi^2}$	CDF	R	P	AB
6619	4443	1	$\sqrt{\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}}$	CDF	R	P	R
6620	4444	1	$\frac{u^3(1-w^2)^{3/2}}{\pi^3 v^6}$	CDF	R	P	K
6621	4445	1	$e^{\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}}$	CDF	R	P	E
6622	4446	1	$\log\left(\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	P	L
6623	4447	1	$\arcsin\left(\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	P	S
6624	4448	1	$\arctan\left(\frac{u\sqrt{-(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	P	T
6625	4449	1	$\sqrt{\frac{v^4\pi^2 - u^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	P	P
6626	4449	2	$\sqrt{\frac{v^4\pi^2 - u^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	H	H
6627	4450	1	$\sqrt{-\frac{v^4\pi^2 - u^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	P	H
6628	4450	2	$\sqrt{-\frac{v^4\pi^2 - u^2 + u^2w^2}{v^4\pi^2}}$	CDF	R	H	P
6629	4451	1	$\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}$	CDF	R	H	CD

6630	4452	1	$\frac{\pi v^2}{u\sqrt{-1+w^2}}$	CDF	R	H	CDI
6631	4453	1	$\frac{u^2(-1+w^2)}{v^4\pi^2}$	CDF	R	H	AB
6632	4454	1	$\sqrt{\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}}$	CDF	R	H	R
6633	4455	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3 v^6}$	CDF	R	H	K
6634	4456	1	$e^{\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}}$	CDF	R	H	E
6635	4457	1	$\log\left(\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	H	L
6636	4458	1	$\arcsin\left(\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	H	S
6637	4459	1	$\arctan\left(\frac{u\sqrt{(w-1)(w+1)}}{\pi v^2}\right)$	CDF	R	H	T
6638	4460	1	$\frac{uw}{\pi^2 \sqrt[3]{v}}$	CDF	K	CDF	CD
6639	4461	1	$\frac{\pi^2 \sqrt[3]{v}}{uw}$	CDF	K	CDF	CDI
6640	4462	1	$\frac{u^2 w^2}{\pi^4 v^{2/3}}$	CDF	K	CDF	AB
6641	4463	1	$\sqrt{\frac{uw}{\pi^2 \sqrt[3]{v}}}$	CDF	K	CDF	R
6642	4464	1	$\frac{u^3 w^3}{\pi^6 v}$	CDF	K	CDF	K
6643	4465	1	$e^{\frac{uw}{\pi^2 \sqrt[3]{v}}}$	CDF	K	CDF	E

6644	4466	1	$\log\left(\frac{uw}{\pi^2\sqrt[3]{v}}\right)$	CDF	K	CDF	L
6645	4467	1	$\arcsin\left(\frac{uw}{\pi^2\sqrt[3]{v}}\right)$	CDF	K	CDF	S
6646	4468	1	$\arctan\left(\frac{uw}{\pi^2\sqrt[3]{v}}\right)$	CDF	K	CDF	T
6647	4469	1	$\sqrt{-\frac{\pi^4v^{2/3}+u^2w^2}{\pi^4v^{2/3}}}$	CDF	K	CDF	P
6648	4470	1	$\sqrt{\frac{\pi^4v^{2/3}+u^2w^2}{\pi^4v^{2/3}}}$	CDF	K	CDF	H
6649	4471	1	$\frac{u}{\pi^2\sqrt[3]{vw}}$	CDF	K	CDIF	CD
6650	4472	1	$\frac{\pi^2\sqrt[3]{v}w}{u}$	CDF	K	CDIF	CDI
6651	4473	1	$\frac{u^2}{\pi^4v^{2/3}w^2}$	CDF	K	CDIF	AB
6652	4474	1	$\sqrt{\frac{u}{\pi^2\sqrt[3]{vw}}}$	CDF	K	CDIF	R
6653	4475	1	$\frac{u^3}{\pi^6vw^3}$	CDF	K	CDIF	K
6654	4476	1	$e^{\frac{u}{\pi^2\sqrt[3]{vw}}}$	CDF	K	CDIF	E
6655	4477	1	$\log\left(\frac{u}{\pi^2\sqrt[3]{vw}}\right)$	CDF	K	CDIF	L
6656	4478	1	$\arcsin\left(\frac{u}{\pi^2\sqrt[3]{vw}}\right)$	CDF	K	CDIF	S
6657	4479	1	$\arctan\left(\frac{u}{\pi^2\sqrt[3]{vw}}\right)$	CDF	K	CDIF	T
6658	4480	1	$\sqrt{-\frac{\pi^4v^{2/3}w^2+u^2}{\pi^4v^{2/3}w^2}}$	CDF	K	CDIF	P

6659	4481	1	$\sqrt{\frac{\pi^4 v^{2/3} w^2 + u^2}{\pi^4 v^{2/3} w^2}}$	CDF	K	CDIF	H
6660	4482	1	$\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}$	CDF	K	AB	CD
6661	4483	1	$\frac{\pi\sqrt[3]{v}}{u\sqrt{w}}$	CDF	K	AB	CDI
6662	4484	1	$\frac{u^2 w}{v^{2/3} \pi^2}$	CDF	K	AB	AB
6663	4485	1	$\sqrt{\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}}$	CDF	K	AB	R
6664	4486	1	$\frac{u^3 w^{3/2}}{\pi^3 v}$	CDF	K	AB	K
6665	4487	1	$e^{\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}}$	CDF	K	AB	E
6666	4488	1	$\log\left(\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}\right)$	CDF	K	AB	L
6667	4489	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}\right)$	CDF	K	AB	S
6668	4490	1	$\arctan\left(\frac{u\sqrt{w}}{\pi\sqrt[3]{v}}\right)$	CDF	K	AB	T
6669	4491	1	$\sqrt{-\frac{v^{2/3} \pi^2 + u^2 w}{v^{2/3} \pi^2}}$	CDF	K	AB	P
6670	4492	1	$\sqrt{\frac{v^{2/3} \pi^2 + u^2 w}{v^{2/3} \pi^2}}$	CDF	K	AB	H
6671	4493	1	$\frac{uw^2}{\pi\sqrt[3]{v}}$	CDF	K	R	CD
6672	4494	1	$\frac{\pi\sqrt[3]{v}}{uw^2}$	CDF	K	R	CDI
6673	4495	1	$\frac{u^2 w^4}{v^{2/3} \pi^2}$	CDF	K	R	AB

6674	4496	1	$\sqrt{\frac{uw^2}{\pi \sqrt[3]{v}}}$	CDF	K	R	R
6675	4497	1	$\frac{u^3 w^6}{\pi^3 v}$	CDF	K	R	K
6676	4498	1	$e^{\frac{uw^2}{\pi \sqrt[3]{v}}}$	CDF	K	R	E
6677	4499	1	$\log\left(\frac{uw^2}{\pi \sqrt[3]{v}}\right)$	CDF	K	R	L
6678	4500	1	$\arcsin\left(\frac{uw^2}{\pi \sqrt[3]{v}}\right)$	CDF	K	R	S
6679	4501	1	$\arctan\left(\frac{uw^2}{\pi \sqrt[3]{v}}\right)$	CDF	K	R	T
6680	4502	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2 w^4}{v^{2/3}\pi^2}}$	CDF	K	R	P
6681	4503	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2 w^4}{v^{2/3}\pi^2}}$	CDF	K	R	H
6682	4504	1	$\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}}$	CDF	K	K	CD
6683	4505	1	$\frac{\pi \sqrt[3]{v}}{u \sqrt[3]{w}}$	CDF	K	K	CDI
6684	4506	1	$\frac{u^2 w^{2/3}}{v^{2/3} \pi^2}$	CDF	K	K	AB
6685	4507	1	$\sqrt{\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}}}$	CDF	K	K	R
6686	4508	1	$\frac{u^3 w}{\pi^3 v}$	CDF	K	K	K
6687	4509	1	$e^{\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}}}$	CDF	K	K	E

6688	4510	1	$\log \left(\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}} \right)$	CDF	K	K	L
6689	4511	1	$\arcsin \left(\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}} \right)$	CDF	K	K	S
6690	4512	1	$\arctan \left(\frac{u \sqrt[3]{w}}{\pi \sqrt[3]{v}} \right)$	CDF	K	K	T
6691	4513	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2 w^{2/3}}{v^{2/3}\pi^2}}$	CDF	K	K	P
6692	4514	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2 w^{2/3}}{v^{2/3}\pi^2}}$	CDF	K	K	H
6693	4515	1	$\frac{u \ln(w)}{\pi \sqrt[3]{v}}$	CDF	K	E	CD
6694	4516	1	$\frac{\pi \sqrt[3]{v}}{u \ln(w)}$	CDF	K	E	CDI
6695	4517	1	$\frac{u^2 (\ln(w))^2}{v^{2/3}\pi^2}$	CDF	K	E	AB
6696	4518	1	$\sqrt{\frac{u \ln(w)}{\pi \sqrt[3]{v}}}$	CDF	K	E	R
6697	4519	1	$\frac{u^3 (\ln(w))^3}{\pi^3 v}$	CDF	K	E	K
6698	4520	1	$w^{\frac{u}{\pi \sqrt[3]{v}}}$	CDF	K	E	E
6699	4521	1	$\log \left(\frac{u \ln(w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	E	L
6700	4522	1	$\arcsin \left(\frac{u \ln(w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	E	S
6701	4523	1	$\arctan \left(\frac{u \ln(w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	E	T
6702	4524	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2 (\ln(w))^2}{v^{2/3}\pi^2}}$	CDF	K	E	P

6703	4525	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2 (\ln(w))^2}{v^{2/3}\pi^2}}$	CDF	K	E	H
6704	4526	1	$\frac{uExp(w)}{\pi\sqrt[3]{v}}$	CDF	K	L	CD
6705	4527	1	$\frac{\pi\sqrt[3]{v}}{uExp(w)}$	CDF	K	L	CDI
6706	4528	1	$\frac{u^2 (Exp(w))^2}{v^{2/3}\pi^2}$	CDF	K	L	AB
6707	4529	1	$\sqrt{\frac{uExp(w)}{\pi\sqrt[3]{v}}}$	CDF	K	L	R
6708	4530	1	$\frac{u^3 (Exp(w))^3}{\pi^3 v}$	CDF	K	L	K
6709	4531	1	$e^{\frac{uExp(w)}{\pi\sqrt[3]{v}}}$	CDF	K	L	E
6710	4532	1	$\log\left(\frac{uExp(w)}{\pi\sqrt[3]{v}}\right)$	CDF	K	L	L
6711	4533	1	$\arcsin\left(\frac{uExp(w)}{\pi\sqrt[3]{v}}\right)$	CDF	K	L	S
6712	4534	1	$\arctan\left(\frac{uExp(w)}{\pi\sqrt[3]{v}}\right)$	CDF	K	L	T
6713	4535	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2 (Exp(w))^2}{v^{2/3}\pi^2}}$	CDF	K	L	P
6714	4536	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2 (Exp(w))^2}{v^{2/3}\pi^2}}$	CDF	K	L	H
6715	4537	1	$\frac{u \sin(w)}{\pi\sqrt[3]{v}}$	CDF	K	S	CD
6716	4538	1	$\frac{\pi\sqrt[3]{v}}{u \sin(w)}$	CDF	K	S	CDI

6717	4539	1	$\frac{u^2 (\sin (w))^2}{v^{2/3} \pi^2}$	CDF	K	S	AB
6718	4540	1	$\sqrt{\frac{u \sin (w)}{\pi \sqrt[3]{v}}}$	CDF	K	S	R
6719	4541	1	$\frac{u^3 (\sin (w))^3}{\pi^3 v}$	CDF	K	S	K
6720	4542	1	$e^{\frac{u \sin (w)}{\pi \sqrt[3]{v}}}$	CDF	K	S	E
6721	4543	1	$\log \left(\frac{u \sin (w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	S	L
6722	4544	1	$\arcsin \left(\frac{u \sin (w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	S	S
6723	4545	1	$\arctan \left(\frac{u \sin (w)}{\pi \sqrt[3]{v}} \right)$	CDF	K	S	T
6724	4546	1	$\sqrt{\frac{v^{2/3} \pi^2 + u^2 (\cos (w))^2 - u^2}{v^{2/3} \pi^2}}$	CDF	K	S	P
6725	4547	1	$\sqrt{-\frac{v^{2/3} \pi^2 + u^2 (\cos (w))^2 - u^2}{v^{2/3} \pi^2}}$	CDF	K	S	H
6726	4548	1	$\frac{u \tan (w)}{\pi \sqrt[3]{v}}$	CDF	K	T	CD
6727	4549	1	$\frac{\pi \sqrt[3]{v}}{u \tan (w)}$	CDF	K	T	CDI
6728	4550	1	$\frac{u^2 (\tan (w))^2}{v^{2/3} \pi^2}$	CDF	K	T	AB
6729	4551	1	$\sqrt{\frac{u \tan (w)}{\pi \sqrt[3]{v}}}$	CDF	K	T	R
6730	4552	1	$\frac{u^3 (\tan (w))^3}{\pi^3 v}$	CDF	K	T	K

6731	4553	1	$e^{\frac{u \tan(w)}{\pi \sqrt[3]{v}}}$	CDF	K	T	E
6732	4554	1	$\log\left(\frac{u \tan(w)}{\pi \sqrt[3]{v}}\right)$	CDF	K	T	L
6733	4555	1	$\arcsin\left(\frac{u \tan(w)}{\pi \sqrt[3]{v}}\right)$	CDF	K	T	S
6734	4556	1	$\arctan\left(\frac{u \tan(w)}{\pi \sqrt[3]{v}}\right)$	CDF	K	T	T
6735	4557	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^2 (\tan(w))^2}{v^{2/3}\pi^2}}$	CDF	K	T	P
6736	4558	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^2 (\tan(w))^2}{v^{2/3}\pi^2}}$	CDF	K	T	H
6737	4559	1	$\frac{u\sqrt{1-w^2}}{\pi \sqrt[3]{v}}$	CDF	K	P	CD
6738	4560	1	$\frac{\pi \sqrt[3]{v}}{u\sqrt{1-w^2}}$	CDF	K	P	CDI
6739	4561	1	$-\frac{u^2 (-1+w^2)}{v^{2/3}\pi^2}$	CDF	K	P	AB
6740	4562	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi \sqrt[3]{v}}}$	CDF	K	P	R
6741	4563	1	$\frac{u^3 (1-w^2)^{3/2}}{\pi^3 v}$	CDF	K	P	K
6742	4564	1	$e^{\frac{u\sqrt{1-w^2}}{\pi \sqrt[3]{v}}}$	CDF	K	P	E
6743	4565	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi \sqrt[3]{v}}\right)$	CDF	K	P	L
6744	4566	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi \sqrt[3]{v}}\right)$	CDF	K	P	S

6745	4567	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt[3]{v}}\right)$	CDF	K	P	T
6746	4568	1	$\sqrt{\frac{v^{2/3}\pi^2 - u^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	P	P
6747	4568	2	$\sqrt{\frac{v^{2/3}\pi^2 - u^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	H	H
6748	4569	1	$\sqrt{-\frac{-v^{2/3}\pi^2 - u^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	P	H
6749	4569	2	$\sqrt{-\frac{-v^{2/3}\pi^2 - u^2 + u^2w^2}{v^{2/3}\pi^2}}$	CDF	K	H	P
6750	4570	1	$\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}$	CDF	K	H	CD
6751	4571	1	$\frac{\pi\sqrt[3]{v}}{u\sqrt{-1+w^2}}$	CDF	K	H	CDI
6752	4572	1	$\frac{u^2(-1+w^2)}{v^{2/3}\pi^2}$	CDF	K	H	AB
6753	4573	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}}$	CDF	K	H	R
6754	4574	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3v}$	CDF	K	H	K
6755	4575	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}}$	CDF	K	H	E
6756	4576	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}\right)$	CDF	K	H	L
6757	4577	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}\right)$	CDF	K	H	S
6758	4578	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt[3]{v}}\right)$	CDF	K	H	T

6759	4579	1	$\frac{uw}{\pi^2 \ln(v)}$	CDF	E	CDF	CD
6760	4580	1	$\frac{\pi^2 \ln(v)}{uw}$	CDF	E	CDF	CDI
6761	4581	1	$\frac{u^2 w^2}{\pi^4 (\ln(v))^2}$	CDF	E	CDF	AB
6762	4582	1	$\sqrt{\frac{uw}{\pi^2 \ln(v)}}$	CDF	E	CDF	R
6763	4583	1	$\frac{u^3 w^3}{\pi^6 (\ln(v))^3}$	CDF	E	CDF	K
6764	4584	1	$e^{\frac{uw}{\pi^2 \ln(v)}}$	CDF	E	CDF	E
6765	4585	1	$\log\left(\frac{uw}{\pi^2 \ln(v)}\right)$	CDF	E	CDF	L
6766	4586	1	$\arcsin\left(\frac{uw}{\pi^2 \ln(v)}\right)$	CDF	E	CDF	S
6767	4587	1	$\arctan\left(\frac{uw}{\pi^2 \ln(v)}\right)$	CDF	E	CDF	T
6768	4588	1	$\sqrt{-\frac{\pi^4 (\ln(v))^2 + u^2 w^2}{\pi^4 (\ln(v))^2}}$	CDF	E	CDF	P
6769	4589	1	$\sqrt{\frac{\pi^4 (\ln(v))^2 + u^2 w^2}{\pi^4 (\ln(v))^2}}$	CDF	E	CDF	H
6770	4590	1	$\frac{u}{\pi^2 \ln(v) w}$	CDF	E	CDIF	CD
6771	4591	1	$\frac{\pi^2 \ln(v) w}{u}$	CDF	E	CDIF	CDI
6772	4592	1	$\frac{u^2}{\pi^4 (\ln(v))^2 w^2}$	CDF	E	CDIF	AB
6773	4593	1	$\sqrt{\frac{u}{\pi^2 \ln(v) w}}$	CDF	E	CDIF	R

6774	4594	1	$\frac{u^3}{\pi^6 (\ln(v))^3 w^3}$	CDF	E	CDIF	K
6775	4595	1	$e^{\frac{u}{\pi^2 \ln(v) w}}$	CDF	E	CDIF	E
6776	4596	1	$\log\left(\frac{u}{\pi^2 \ln(v) w}\right)$	CDF	E	CDIF	L
6777	4597	1	$\arcsin\left(\frac{u}{\pi^2 \ln(v) w}\right)$	CDF	E	CDIF	S
6778	4598	1	$\arctan\left(\frac{u}{\pi^2 \ln(v) w}\right)$	CDF	E	CDIF	T
6779	4599	1	$\sqrt{-\frac{\pi^4 (\ln(v))^2 w^2 + u^2}{\pi^4 (\ln(v))^2 w^2}}$	CDF	E	CDIF	P
6780	4600	1	$\sqrt{\frac{\pi^4 (\ln(v))^2 w^2 + u^2}{\pi^4 (\ln(v))^2 w^2}}$	CDF	E	CDIF	H
6781	4601	1	$\frac{u\sqrt{w}}{\pi \ln(v)}$	CDF	E	AB	CD
6782	4602	1	$\frac{\pi \ln(v)}{u\sqrt{w}}$	CDF	E	AB	CDI
6783	4603	1	$\frac{u^2 w}{(\ln(v))^2 \pi^2}$	CDF	E	AB	AB
6784	4604	1	$\sqrt{\frac{u\sqrt{w}}{\pi \ln(v)}}$	CDF	E	AB	R
6785	4605	1	$\frac{u^3 w^{3/2}}{\pi^3 (\ln(v))^3}$	CDF	E	AB	K
6786	4606	1	$e^{\frac{u\sqrt{w}}{\pi \ln(v)}}$	CDF	E	AB	E
6787	4607	1	$\log\left(\frac{u\sqrt{w}}{\pi \ln(v)}\right)$	CDF	E	AB	L
6788	4608	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi \ln(v)}\right)$	CDF	E	AB	S

6789	4609	1	$\arctan\left(\frac{u\sqrt{w}}{\pi \ln(v)}\right)$	CDF	E	AB	T
6790	4610	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^2 w}{(\ln(v))^2 \pi^2}}$	CDF	E	AB	P
6791	4611	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 w}{(\ln(v))^2 \pi^2}}$	CDF	E	AB	H
6792	4612	1	$\frac{uw^2}{\pi \ln(v)}$	CDF	E	R	CD
6793	4613	1	$\frac{\pi \ln(v)}{uw^2}$	CDF	E	R	CDI
6794	4614	1	$\frac{u^2 w^4}{(\ln(v))^2 \pi^2}$	CDF	E	R	AB
6795	4615	1	$\sqrt{\frac{uw^2}{\pi \ln(v)}}$	CDF	E	R	R
6796	4616	1	$\frac{u^3 w^6}{\pi^3 (\ln(v))^3}$	CDF	E	R	K
6797	4617	1	$e^{\frac{uw^2}{\pi \ln(v)}}$	CDF	E	R	E
6798	4618	1	$\log\left(\frac{uw^2}{\pi \ln(v)}\right)$	CDF	E	R	L
6799	4619	1	$\arcsin\left(\frac{uw^2}{\pi \ln(v)}\right)$	CDF	E	R	S
6800	4620	1	$\arctan\left(\frac{uw^2}{\pi \ln(v)}\right)$	CDF	E	R	T
6801	4621	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^2 w^4}{(\ln(v))^2 \pi^2}}$	CDF	E	R	P
6802	4622	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 w^4}{(\ln(v))^2 \pi^2}}$	CDF	E	R	H

6803	4623	1	$\frac{u \sqrt[3]{w}}{\pi \ln(v)}$	CDF	E	K	CD
6804	4624	1	$\frac{\pi \ln(v)}{u \sqrt[3]{w}}$	CDF	E	K	CDI
6805	4625	1	$\frac{u^2 w^{2/3}}{(\ln(v))^2 \pi^2}$	CDF	E	K	AB
6806	4626	1	$\sqrt{\frac{u \sqrt[3]{w}}{\pi \ln(v)}}$	CDF	E	K	R
6807	4627	1	$\frac{u^3 w}{\pi^3 (\ln(v))^3}$	CDF	E	K	K
6808	4628	1	$e^{\frac{u \sqrt[3]{w}}{\pi \ln(v)}}$	CDF	E	K	E
6809	4629	1	$\log\left(\frac{u \sqrt[3]{w}}{\pi \ln(v)}\right)$	CDF	E	K	L
6810	4630	1	$\arcsin\left(\frac{u \sqrt[3]{w}}{\pi \ln(v)}\right)$	CDF	E	K	S
6811	4631	1	$\arctan\left(\frac{u \sqrt[3]{w}}{\pi \ln(v)}\right)$	CDF	E	K	T
6812	4632	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^2 w^{2/3}}{(\ln(v))^2 \pi^2}}$	CDF	E	K	P
6813	4633	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 w^{2/3}}{(\ln(v))^2 \pi^2}}$	CDF	E	K	H
6814	4634	1	$\frac{u \ln(w)}{\pi \ln(v)}$	CDF	E	E	CD
6815	4635	1	$\frac{\pi \ln(v)}{u \ln(w)}$	CDF	E	E	CDI
6816	4636	1	$\frac{u^2 (\ln(w))^2}{(\ln(v))^2 \pi^2}$	CDF	E	E	AB

6817	4637	1	$\sqrt{\frac{u \ln(w)}{\pi \ln(v)}}$	CDF	E	E	R
6818	4638	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (\ln(v))^3}$	CDF	E	E	K
6819	4639	1	$w^{\frac{u}{\pi \ln(v)}}$	CDF	E	E	E
6820	4640	1	$\log\left(\frac{u \ln(w)}{\pi \ln(v)}\right)$	CDF	E	E	L
6821	4641	1	$\arcsin\left(\frac{u \ln(w)}{\pi \ln(v)}\right)$	CDF	E	E	S
6822	4642	1	$\arctan\left(\frac{u \ln(w)}{\pi \ln(v)}\right)$	CDF	E	E	T
6823	4643	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	E	P
6824	4644	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	E	H
6825	4645	1	$\frac{u \text{Exp}(w)}{\pi \ln(v)}$	CDF	E	L	CD
6826	4646	1	$\frac{\pi \ln(v)}{u \text{Exp}(w)}$	CDF	E	L	CDI
6827	4647	1	$\frac{u^2 (\text{Exp}(w))^2}{(\ln(v))^2 \pi^2}$	CDF	E	L	AB
6828	4648	1	$\sqrt{\frac{u \text{Exp}(w)}{\pi \ln(v)}}$	CDF	E	L	R
6829	4649	1	$\frac{u^3 (\text{Exp}(w))^3}{\pi^3 (\ln(v))^3}$	CDF	E	L	K
6830	4650	1	$e^{\frac{u \text{Exp}(w)}{\pi \ln(v)}}$	CDF	E	L	E
6831	4651	1	$\log\left(\frac{u \text{Exp}(w)}{\pi \ln(v)}\right)$	CDF	E	L	L

6832	4652	1	$\arcsin\left(\frac{u \operatorname{Exp}(w)}{\pi \ln(v)}\right)$	CDF	E	L	S
6833	4653	1	$\arctan\left(\frac{u \operatorname{Exp}(w)}{\pi \ln(v)}\right)$	CDF	E	L	T
6834	4654	1	$\sqrt{\frac{-(\ln(v))^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	L	P
6835	4655	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	L	H
6836	4656	1	$\frac{u \sin(w)}{\pi \ln(v)}$	CDF	E	S	CD
6837	4657	1	$\frac{\pi \ln(v)}{u \sin(w)}$	CDF	E	S	CDI
6838	4658	1	$\frac{u^2 (\sin(w))^2}{(\ln(v))^2 \pi^2}$	CDF	E	S	AB
6839	4659	1	$\sqrt{\frac{u \sin(w)}{\pi \ln(v)}}$	CDF	E	S	R
6840	4660	1	$\frac{u^3 (\sin(w))^3}{\pi^3 (\ln(v))^3}$	CDF	E	S	K
6841	4661	1	$e^{\frac{u \sin(w)}{\pi \ln(v)}}$	CDF	E	S	E
6842	4662	1	$\log\left(\frac{u \sin(w)}{\pi \ln(v)}\right)$	CDF	E	S	L
6843	4663	1	$\arcsin\left(\frac{u \sin(w)}{\pi \ln(v)}\right)$	CDF	E	S	S
6844	4664	1	$\arctan\left(\frac{u \sin(w)}{\pi \ln(v)}\right)$	CDF	E	S	T
6845	4665	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	S	P

6846	4666	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	S	H
6847	4667	1	$\frac{u \tan(w)}{\pi \ln(v)}$	CDF	E	T	CD
6848	4668	1	$\frac{\pi \ln(v)}{u \tan(w)}$	CDF	E	T	CDI
6849	4669	1	$\frac{u^2 (\tan(w))^2}{(\ln(v))^2 \pi^2}$	CDF	E	T	AB
6850	4670	1	$\sqrt{\frac{u \tan(w)}{\pi \ln(v)}}$	CDF	E	T	R
6851	4671	1	$\frac{u^3 (\tan(w))^3}{\pi^3 (\ln(v))^3}$	CDF	E	T	K
6852	4672	1	$e^{\frac{u \tan(w)}{\pi \ln(v)}}$	CDF	E	T	E
6853	4673	1	$\log\left(\frac{u \tan(w)}{\pi \ln(v)}\right)$	CDF	E	T	L
6854	4674	1	$\arcsin\left(\frac{u \tan(w)}{\pi \ln(v)}\right)$	CDF	E	T	S
6855	4675	1	$\arctan\left(\frac{u \tan(w)}{\pi \ln(v)}\right)$	CDF	E	T	T
6856	4676	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^2 (\tan(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	T	P
6857	4677	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^2 (\tan(w))^2}{(\ln(v))^2 \pi^2}}$	CDF	E	T	H
6858	4678	1	$\frac{u \sqrt{1-w^2}}{\pi \ln(v)}$	CDF	E	P	CD
6859	4679	1	$\frac{\pi \ln(v)}{u \sqrt{1-w^2}}$	CDF	E	P	CDI

6860	4680	1	$-\frac{u^2(-1+w^2)}{(\ln(v))^2\pi^2}$	CDF	E	P	AB
6861	4681	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi\ln(v)}}$	CDF	E	P	R
6862	4682	1	$\frac{u^3(1-w^2)^{3/2}}{\pi^3(\ln(v))^3}$	CDF	E	P	K
6863	4683	1	$e^{\frac{u\sqrt{1-w^2}}{\pi\ln(v)}}$	CDF	E	P	E
6864	4684	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi\ln(v)}\right)$	CDF	E	P	L
6865	4685	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi\ln(v)}\right)$	CDF	E	P	S
6866	4686	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi\ln(v)}\right)$	CDF	E	P	T
6867	4687	1	$\sqrt{\frac{(\ln(v))^2\pi^2-u^2+u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	P	P
6868	4687	2	$\sqrt{\frac{(\ln(v))^2\pi^2-u^2+u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	H	H
6869	4688	1	$\sqrt{-\frac{(\ln(v))^2\pi^2-u^2+u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	P	H
6870	4688	2	$\sqrt{-\frac{(\ln(v))^2\pi^2-u^2+u^2w^2}{(\ln(v))^2\pi^2}}$	CDF	E	H	P
6871	4689	1	$\frac{u\sqrt{-1+w^2}}{\pi\ln(v)}$	CDF	E	H	CD
6872	4690	1	$\frac{\pi\ln(v)}{u\sqrt{-1+w^2}}$	CDF	E	H	CDI
6873	4691	1	$\frac{u^2(-1+w^2)}{(\ln(v))^2\pi^2}$	CDF	E	H	AB

6874	4692	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi \ln(v)}}$	CDF	E	H	R
6875	4693	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3(\ln(v))^3}$	CDF	E	H	K
6876	4694	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi \ln(v)}}$	CDF	E	H	E
6877	4695	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi \ln(v)}\right)$	CDF	E	H	L
6878	4696	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi \ln(v)}\right)$	CDF	E	H	S
6879	4697	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi \ln(v)}\right)$	CDF	E	H	T
6880	4698	1	$\frac{uw}{\pi^2 \text{Exp}(v)}$	CDF	L	CDF	CD
6881	4699	1	$\frac{\pi^2 \text{Exp}(v)}{uw}$	CDF	L	CDF	CDI
6882	4700	1	$\frac{u^2 w^2}{\pi^4 (\text{Exp}(v))^2}$	CDF	L	CDF	AB
6883	4701	1	$\sqrt{\frac{uw}{\pi^2 \text{Exp}(v)}}$	CDF	L	CDF	R
6884	4702	1	$\frac{u^3 w^3}{\pi^6 (\text{Exp}(v))^3}$	CDF	L	CDF	K
6885	4703	1	$e^{\frac{uw}{\pi^2 \text{Exp}(v)}}$	CDF	L	CDF	E
6886	4704	1	$\log\left(\frac{uw}{\pi^2 \text{Exp}(v)}\right)$	CDF	L	CDF	L
6887	4705	1	$\arcsin\left(\frac{uw}{\pi^2 \text{Exp}(v)}\right)$	CDF	L	CDF	S
6888	4706	1	$\arctan\left(\frac{uw}{\pi^2 \text{Exp}(v)}\right)$	CDF	L	CDF	T

6889	4707	1	$\sqrt{-\frac{\pi^4 (Exp(v))^2 + u^2 w^2}{\pi^4 (Exp(v))^2}}$	CDF	L	CDF	P
6890	4708	1	$\sqrt{\frac{\pi^4 (Exp(v))^2 + u^2 w^2}{\pi^4 (Exp(v))^2}}$	CDF	L	CDF	H
6891	4709	1	$\frac{u}{\pi^2 Exp(v) w}$	CDF	L	CDIF	CD
6892	4710	1	$\frac{\pi^2 Exp(v) w}{u}$	CDF	L	CDIF	CDI
6893	4711	1	$\frac{u^2}{\pi^4 (Exp(v))^2 w^2}$	CDF	L	CDIF	AB
6894	4712	1	$\sqrt{\frac{u}{\pi^2 Exp(v) w}}$	CDF	L	CDIF	R
6895	4713	1	$\frac{u^3}{\pi^6 (Exp(v))^3 w^3}$	CDF	L	CDIF	K
6896	4714	1	$e^{\frac{u}{\pi^2 Exp(v) w}}$	CDF	L	CDIF	E
6897	4715	1	$\log\left(\frac{u}{\pi^2 Exp(v) w}\right)$	CDF	L	CDIF	L
6898	4716	1	$\arcsin\left(\frac{u}{\pi^2 Exp(v) w}\right)$	CDF	L	CDIF	S
6899	4717	1	$\arctan\left(\frac{u}{\pi^2 Exp(v) w}\right)$	CDF	L	CDIF	T
6900	4718	1	$\sqrt{-\frac{\pi^4 (Exp(v))^2 w^2 + u^2}{\pi^4 (Exp(v))^2 w^2}}$	CDF	L	CDIF	P
6901	4719	1	$\sqrt{\frac{\pi^4 (Exp(v))^2 w^2 + u^2}{\pi^4 (Exp(v))^2 w^2}}$	CDF	L	CDIF	H
6902	4720	1	$\frac{u\sqrt{w}}{\pi Exp(v)}$	CDF	L	AB	CD

6903	4721	1	$\frac{\pi \text{Exp}(v)}{u\sqrt{w}}$	CDF	L	AB	CDI
6904	4722	1	$\frac{u^2 w}{(\text{Exp}(v))^2 \pi^2}$	CDF	L	AB	AB
6905	4723	1	$\sqrt{\frac{u\sqrt{w}}{\pi \text{Exp}(v)}}$	CDF	L	AB	R
6906	4724	1	$\frac{u^3 w^{3/2}}{\pi^3 (\text{Exp}(v))^3}$	CDF	L	AB	K
6907	4725	1	$e^{\frac{u\sqrt{w}}{\pi \text{Exp}(v)}}$	CDF	L	AB	E
6908	4726	1	$\log\left(\frac{u\sqrt{w}}{\pi \text{Exp}(v)}\right)$	CDF	L	AB	L
6909	4727	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi \text{Exp}(v)}\right)$	CDF	L	AB	S
6910	4728	1	$\arctan\left(\frac{u\sqrt{w}}{\pi \text{Exp}(v)}\right)$	CDF	L	AB	T
6911	4729	1	$\sqrt{-\frac{(\text{Exp}(v))^2 \pi^2 + u^2 w}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	AB	P
6912	4730	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 + u^2 w}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	AB	H
6913	4731	1	$\frac{uw^2}{\pi \text{Exp}(v)}$	CDF	L	R	CD
6914	4732	1	$\frac{\pi \text{Exp}(v)}{uw^2}$	CDF	L	R	CDI
6915	4733	1	$\frac{u^2 w^4}{(\text{Exp}(v))^2 \pi^2}$	CDF	L	R	AB
6916	4734	1	$\sqrt{\frac{uw^2}{\pi \text{Exp}(v)}}$	CDF	L	R	R

6917	4735	1	$\frac{u^3 w^6}{\pi^3 (Exp(v))^3}$	CDF	L	R	K
6918	4736	1	$e^{\frac{uw^2}{\pi Exp(v)}}$	CDF	L	R	E
6919	4737	1	$\log\left(\frac{uw^2}{\pi Exp(v)}\right)$	CDF	L	R	L
6920	4738	1	$\arcsin\left(\frac{uw^2}{\pi Exp(v)}\right)$	CDF	L	R	S
6921	4739	1	$\arctan\left(\frac{uw^2}{\pi Exp(v)}\right)$	CDF	L	R	T
6922	4740	1	$\sqrt{-\frac{(Exp(v))^2 \pi^2 + u^2 w^4}{(Exp(v))^2 \pi^2}}$	CDF	L	R	P
6923	4741	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + u^2 w^4}{(Exp(v))^2 \pi^2}}$	CDF	L	R	H
6924	4742	1	$\frac{u \sqrt[3]{w}}{\pi Exp(v)}$	CDF	L	K	CD
6925	4743	1	$\frac{\pi Exp(v)}{u \sqrt[3]{w}}$	CDF	L	K	CDI
6926	4744	1	$\frac{u^2 w^{2/3}}{(Exp(v))^2 \pi^2}$	CDF	L	K	AB
6927	4745	1	$\sqrt{\frac{u \sqrt[3]{w}}{\pi Exp(v)}}$	CDF	L	K	R
6928	4746	1	$\frac{u^3 w}{\pi^3 (Exp(v))^3}$	CDF	L	K	K
6929	4747	1	$e^{\frac{u \sqrt[3]{w}}{\pi Exp(v)}}$	CDF	L	K	E
6930	4748	1	$\log\left(\frac{u \sqrt[3]{w}}{\pi Exp(v)}\right)$	CDF	L	K	L
6931	4749	1	$\arcsin\left(\frac{u \sqrt[3]{w}}{\pi Exp(v)}\right)$	CDF	L	K	S

6932	4750	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\pi \text{Exp}(v)}\right)$	CDF	L	K	T
6933	4751	1	$\sqrt{-\frac{(\text{Exp}(v))^2 \pi^2 + u^2 w^{2/3}}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	K	P
6934	4752	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 + u^2 w^{2/3}}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	K	H
6935	4753	1	$\frac{u \ln(w)}{\pi \text{Exp}(v)}$	CDF	L	E	CD
6936	4754	1	$\frac{\pi \text{Exp}(v)}{u \ln(w)}$	CDF	L	E	CDI
6937	4755	1	$\frac{u^2 (\ln(w))^2}{(\text{Exp}(v))^2 \pi^2}$	CDF	L	E	AB
6938	4756	1	$\sqrt{\frac{u \ln(w)}{\pi \text{Exp}(v)}}$	CDF	L	E	R
6939	4757	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (\text{Exp}(v))^3}$	CDF	L	E	K
6940	4758	1	$w^{\frac{u}{\pi \text{Exp}(v)}}$	CDF	L	E	E
6941	4759	1	$\log\left(\frac{u \ln(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	E	L
6942	4760	1	$\arcsin\left(\frac{u \ln(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	E	S
6943	4761	1	$\arctan\left(\frac{u \ln(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	E	T
6944	4762	1	$\sqrt{-\frac{(\text{Exp}(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	E	P
6945	4763	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	E	H

6946	4764	1	$\frac{uExp(w)}{\pi Exp(v)}$	CDF	L	L	CD
6947	4765	1	$\frac{\pi Exp(v)}{uExp(w)}$	CDF	L	L	CDI
6948	4766	1	$\frac{u^2 (Exp(w))^2}{(Exp(v))^2 \pi^2}$	CDF	L	L	AB
6949	4767	1	$\sqrt{\frac{uExp(w)}{\pi Exp(v)}}$	CDF	L	L	R
6950	4768	1	$\frac{u^3 (Exp(w))^3}{\pi^3 (Exp(v))^3}$	CDF	L	L	K
6951	4769	1	$e^{\frac{uExp(w)}{\pi Exp(v)}}$	CDF	L	L	E
6952	4770	1	$\log\left(\frac{uExp(w)}{\pi Exp(v)}\right)$	CDF	L	L	L
6953	4771	1	$\arcsin\left(\frac{uExp(w)}{\pi Exp(v)}\right)$	CDF	L	L	S
6954	4772	1	$\arctan\left(\frac{uExp(w)}{\pi Exp(v)}\right)$	CDF	L	L	T
6955	4773	1	$\sqrt{-\frac{(Exp(v))^2 \pi^2 + u^2 (Exp(w))^2}{(Exp(v))^2 \pi^2}}$	CDF	L	L	P
6956	4774	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + u^2 (Exp(w))^2}{(Exp(v))^2 \pi^2}}$	CDF	L	L	H
6957	4775	1	$\frac{u \sin(w)}{\pi Exp(v)}$	CDF	L	S	CD
6958	4776	1	$\frac{\pi Exp(v)}{u \sin(w)}$	CDF	L	S	CDI
6959	4777	1	$\frac{u^2 (\sin(w))^2}{(Exp(v))^2 \pi^2}$	CDF	L	S	AB

6960	4778	1	$\sqrt{\frac{u \sin(w)}{\pi \text{Exp}(v)}}$	CDF	L	S	R
6961	4779	1	$\frac{u^3 (\sin(w))^3}{\pi^3 (\text{Exp}(v))^3}$	CDF	L	S	K
6962	4780	1	$e^{\frac{u \sin(w)}{\pi \text{Exp}(v)}}$	CDF	L	S	E
6963	4781	1	$\log\left(\frac{u \sin(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	S	L
6964	4782	1	$\arcsin\left(\frac{u \sin(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	S	S
6965	4783	1	$\arctan\left(\frac{u \sin(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	S	T
6966	4784	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	S	P
6967	4785	1	$\sqrt{-\frac{(\text{Exp}(v))^2 \pi^2 - u^2 + u^2 (\cos(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	S	H
6968	4786	1	$\frac{u \tan(w)}{\pi \text{Exp}(v)}$	CDF	L	T	CD
6969	4787	1	$\frac{\pi \text{Exp}(v)}{u \tan(w)}$	CDF	L	T	CDI
6970	4788	1	$\frac{u^2 (\tan(w))^2}{(\text{Exp}(v))^2 \pi^2}$	CDF	L	T	AB
6971	4789	1	$\sqrt{\frac{u \tan(w)}{\pi \text{Exp}(v)}}$	CDF	L	T	R
6972	4790	1	$\frac{u^3 (\tan(w))^3}{\pi^3 (\text{Exp}(v))^3}$	CDF	L	T	K
6973	4791	1	$e^{\frac{u \tan(w)}{\pi \text{Exp}(v)}}$	CDF	L	T	E

6974	4792	1	$\log\left(\frac{u \tan(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	T	L
6975	4793	1	$\arcsin\left(\frac{u \tan(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	T	S
6976	4794	1	$\arctan\left(\frac{u \tan(w)}{\pi \text{Exp}(v)}\right)$	CDF	L	T	T
6977	4795	1	$\sqrt{-\frac{(\text{Exp}(v))^2 \pi^2 + u^2 (\tan(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	T	P
6978	4796	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 + u^2 (\tan(w))^2}{(\text{Exp}(v))^2 \pi^2}}$	CDF	L	T	H
6979	4797	1	$\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}$	CDF	L	P	CD
6980	4798	1	$\frac{\pi \text{Exp}(v)}{u\sqrt{1-w^2}}$	CDF	L	P	CDI
6981	4799	1	$-\frac{u^2(-1+w^2)}{(\text{Exp}(v))^2 \pi^2}$	CDF	L	P	AB
6982	4800	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}}$	CDF	L	P	R
6983	4801	1	$\frac{u^3(1-w^2)^{3/2}}{\pi^3 (\text{Exp}(v))^3}$	CDF	L	P	K
6984	4802	1	$e^{\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}}$	CDF	L	P	E
6985	4803	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}\right)$	CDF	L	P	L
6986	4804	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}\right)$	CDF	L	P	S
6987	4805	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi \text{Exp}(v)}\right)$	CDF	L	P	T

6988	4806	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 - u^2 + u^2 w^2}{(Exp(v))^2 \pi^2}}$	CDF	L	P	P
6989	4806	2	$\sqrt{\frac{(Exp(v))^2 \pi^2 - u^2 + u^2 w^2}{(Exp(v))^2 \pi^2}}$	CDF	L	H	H
6990	4807	1	$\sqrt{-\frac{(Exp(v))^2 \pi^2 - u^2 + u^2 w^2}{(Exp(v))^2 \pi^2}}$	CDF	L	P	H
6991	4807	2	$\sqrt{-\frac{(Exp(v))^2 \pi^2 - u^2 + u^2 w^2}{(Exp(v))^2 \pi^2}}$	CDF	L	H	P
6992	4808	1	$\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}$	CDF	L	H	CD
6993	4809	1	$\frac{\pi Exp(v)}{u\sqrt{-1+w^2}}$	CDF	L	H	CDI
6994	4810	1	$\frac{u^2(-1+w^2)}{(Exp(v))^2 \pi^2}$	CDF	L	H	AB
6995	4811	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}}$	CDF	L	H	R
6996	4812	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3 (Exp(v))^3}$	CDF	L	H	K
6997	4813	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}}$	CDF	L	H	E
6998	4814	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}\right)$	CDF	L	H	L
6999	4815	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}\right)$	CDF	L	H	S
7000	4816	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi Exp(v)}\right)$	CDF	L	H	T
7001	4817	1	$\frac{uw}{\pi^2 \sin(v)}$	CDF	S	CDF	CD

7002	4818	1	$\frac{\pi^2 \sin(v)}{uw}$	CDF	S	CDF	CDI
7003	4819	1	$\frac{u^2 w^2}{\pi^4 (\sin(v))^2}$	CDF	S	CDF	AB
7004	4820	1	$\sqrt{\frac{uw}{\pi^2 \sin(v)}}$	CDF	S	CDF	R
7005	4821	1	$\frac{u^3 w^3}{\pi^6 (\sin(v))^3}$	CDF	S	CDF	K
7006	4822	1	$e^{\frac{uw}{\pi^2 \sin(v)}}$	CDF	S	CDF	E
7007	4823	1	$\log\left(\frac{uw}{\pi^2 \sin(v)}\right)$	CDF	S	CDF	L
7008	4824	1	$\arcsin\left(\frac{uw}{\pi^2 \sin(v)}\right)$	CDF	S	CDF	S
7009	4825	1	$\arctan\left(\frac{uw}{\pi^2 \sin(v)}\right)$	CDF	S	CDF	T
7010	4826	1	$\sqrt{-\frac{u^2 w^2 - \pi^4 + \pi^4 (\cos(v))^2}{\pi^4 (\sin(v))^2}}$	CDF	S	CDF	P
7011	4827	1	$\sqrt{\frac{u^2 w^2 + \pi^4 - \pi^4 (\cos(v))^2}{\pi^4 (\sin(v))^2}}$	CDF	S	CDF	H
7012	4828	1	$\frac{u}{\pi^2 \sin(v) w}$	CDF	S	CDIF	CD
7013	4829	1	$\frac{\pi^2 \sin(v) w}{u}$	CDF	S	CDIF	CDI
7014	4830	1	$\frac{u^2}{\pi^4 (\sin(v))^2 w^2}$	CDF	S	CDIF	AB
7015	4831	1	$\sqrt{\frac{u}{\pi^2 \sin(v) w}}$	CDF	S	CDIF	R
7016	4832	1	$\frac{u^3}{\pi^6 (\sin(v))^3 w^3}$	CDF	S	CDIF	K

7017	4833	1	$e^{\frac{u}{\pi^2 \sin(v) w}}$	CDF	S	CDIF	E
7018	4834	1	$\log\left(\frac{u}{\pi^2 \sin(v) w}\right)$	CDF	S	CDIF	L
7019	4835	1	$\arcsin\left(\frac{u}{\pi^2 \sin(v) w}\right)$	CDF	S	CDIF	S
7020	4836	1	$\arctan\left(\frac{u}{\pi^2 \sin(v) w}\right)$	CDF	S	CDIF	T
7021	4837	1	$\sqrt{-\frac{u^2 - w^2 \pi^4 + w^2 \pi^4 (\cos(v))^2}{\pi^4 (\sin(v))^2 w^2}}$	CDF	S	CDIF	P
7022	4838	1	$\sqrt{\frac{u^2 + w^2 \pi^4 - w^2 \pi^4 (\cos(v))^2}{\pi^4 (\sin(v))^2 w^2}}$	CDF	S	CDIF	H
7023	4839	1	$\frac{u\sqrt{w}}{\sin(v) \pi}$	CDF	S	AB	CD
7024	4840	1	$\frac{\sin(v) \pi}{u\sqrt{w}}$	CDF	S	AB	CDI
7025	4841	1	$\frac{u^2 w}{(\sin(v))^2 \pi^2}$	CDF	S	AB	AB
7026	4842	1	$\sqrt{\frac{u\sqrt{w}}{\sin(v) \pi}}$	CDF	S	AB	R
7027	4843	1	$\frac{u^3 w^{3/2}}{\pi^3 (\sin(v))^3}$	CDF	S	AB	K
7028	4844	1	$e^{\frac{u\sqrt{w}}{\sin(v) \pi}}$	CDF	S	AB	E
7029	4845	1	$\log\left(\frac{u\sqrt{w}}{\sin(v) \pi}\right)$	CDF	S	AB	L
7030	4846	1	$\arcsin\left(\frac{u\sqrt{w}}{\sin(v) \pi}\right)$	CDF	S	AB	S

7031	4847	1	$\arctan\left(\frac{u\sqrt{w}}{\sin(v)\pi}\right)$	CDF	S	AB	T
7032	4848	1	$\sqrt{-\frac{u^2w - \pi^2 + \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	AB	P
7033	4849	1	$\sqrt{\frac{u^2w + \pi^2 - \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	AB	H
7034	4850	1	$\frac{uw^2}{\sin(v)\pi}$	CDF	S	R	CD
7035	4851	1	$\frac{\sin(v)\pi}{uw^2}$	CDF	S	R	CDI
7036	4852	1	$\frac{u^2w^4}{(\sin(v))^2\pi^2}$	CDF	S	R	AB
7037	4853	1	$\sqrt{\frac{uw^2}{\sin(v)\pi}}$	CDF	S	R	R
7038	4854	1	$\frac{u^3w^6}{\pi^3(\sin(v))^3}$	CDF	S	R	K
7039	4855	1	$e^{\frac{uw^2}{\sin(v)\pi}}$	CDF	S	R	E
7040	4856	1	$\log\left(\frac{uw^2}{\sin(v)\pi}\right)$	CDF	S	R	L
7041	4857	1	$\arcsin\left(\frac{uw^2}{\sin(v)\pi}\right)$	CDF	S	R	S
7042	4858	1	$\arctan\left(\frac{uw^2}{\sin(v)\pi}\right)$	CDF	S	R	T
7043	4859	1	$\sqrt{-\frac{u^2w^4 - \pi^2 + \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	R	P
7044	4860	1	$\sqrt{\frac{u^2w^4 + \pi^2 - \pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	R	H

7045	4861	1	$\frac{u \sqrt[3]{w}}{\sin(v) \pi}$	CDF	S	K	CD
7046	4862	1	$\frac{\sin(v) \pi}{u \sqrt[3]{w}}$	CDF	S	K	CDI
7047	4863	1	$\frac{u^2 w^{2/3}}{(\sin(v))^2 \pi^2}$	CDF	S	K	AB
7048	4864	1	$\sqrt{\frac{u \sqrt[3]{w}}{\sin(v) \pi}}$	CDF	S	K	R
7049	4865	1	$\frac{u^3 w}{\pi^3 (\sin(v))^3}$	CDF	S	K	K
7050	4866	1	$e^{\frac{u \sqrt[3]{w}}{\sin(v) \pi}}$	CDF	S	K	E
7051	4867	1	$\log\left(\frac{u \sqrt[3]{w}}{\sin(v) \pi}\right)$	CDF	S	K	L
7052	4868	1	$\arcsin\left(\frac{u \sqrt[3]{w}}{\sin(v) \pi}\right)$	CDF	S	K	S
7053	4869	1	$\arctan\left(\frac{u \sqrt[3]{w}}{\sin(v) \pi}\right)$	CDF	S	K	T
7054	4870	1	$\sqrt{-\frac{u^2 w^{2/3} + \pi^2 (\cos(v))^2 - \pi^2}{(\sin(v))^2 \pi^2}}$	CDF	S	K	P
7055	4871	1	$\sqrt{\frac{u^2 w^{2/3} - \pi^2 (\cos(v))^2 + \pi^2}{(\sin(v))^2 \pi^2}}$	CDF	S	K	H
7056	4872	1	$\frac{u \ln(w)}{\sin(v) \pi}$	CDF	S	E	CD
7057	4873	1	$\frac{\sin(v) \pi}{u \ln(w)}$	CDF	S	E	CDI
7058	4874	1	$\frac{u^2 (\ln(w))^2}{(\sin(v))^2 \pi^2}$	CDF	S	E	AB

7059	4875	1	$\sqrt{\frac{u \ln(w)}{\sin(v) \pi}}$	CDF	S	E	R
7060	4876	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (\sin(v))^3}$	CDF	S	E	K
7061	4877	1	$w^{\frac{u}{\sin(v) \pi}}$	CDF	S	E	E
7062	4878	1	$\log\left(\frac{u \ln(w)}{\sin(v) \pi}\right)$	CDF	S	E	L
7063	4879	1	$\arcsin\left(\frac{u \ln(w)}{\sin(v) \pi}\right)$	CDF	S	E	S
7064	4880	1	$\arctan\left(\frac{u \ln(w)}{\sin(v) \pi}\right)$	CDF	S	E	T
7065	4881	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 + u^2 (\ln(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	E	P
7066	4882	1	$\sqrt{\frac{\pi^2 - \pi^2 (\cos(v))^2 + u^2 (\ln(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	E	H
7067	4883	1	$\frac{u \text{Exp}(w)}{\sin(v) \pi}$	CDF	S	L	CD
7068	4884	1	$\frac{\sin(v) \pi}{u \text{Exp}(w)}$	CDF	S	L	CDI
7069	4885	1	$\frac{u^2 (\text{Exp}(w))^2}{(\sin(v))^2 \pi^2}$	CDF	S	L	AB
7070	4886	1	$\sqrt{\frac{u \text{Exp}(w)}{\sin(v) \pi}}$	CDF	S	L	R
7071	4887	1	$\frac{u^3 (\text{Exp}(w))^3}{\pi^3 (\sin(v))^3}$	CDF	S	L	K
7072	4888	1	$e^{\frac{u \text{Exp}(w)}{\sin(v) \pi}}$	CDF	S	L	E
7073	4889	1	$\log\left(\frac{u \text{Exp}(w)}{\sin(v) \pi}\right)$	CDF	S	L	L

7074	4890	1	$\arcsin\left(\frac{u \text{Exp}(w)}{\sin(v) \pi}\right)$	CDF	S	L	S
7075	4891	1	$\arctan\left(\frac{u \text{Exp}(w)}{\sin(v) \pi}\right)$	CDF	S	L	T
7076	4892	1	$\sqrt{\frac{-\pi^2 + \pi^2 (\cos(v))^2 + u^2 (\text{Exp}(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	L	P
7077	4893	1	$\sqrt{\frac{\pi^2 - \pi^2 (\cos(v))^2 + u^2 (\text{Exp}(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	L	H
7078	4894	1	$\frac{u \sin(w)}{\sin(v) \pi}$	CDF	S	S	CD
7079	4895	1	$\frac{\sin(v) \pi}{u \sin(w)}$	CDF	S	S	CDI
7080	4896	1	$\frac{u^2 (\sin(w))^2}{(\sin(v))^2 \pi^2}$	CDF	S	S	AB
7081	4897	1	$\sqrt{\frac{u \sin(w)}{\sin(v) \pi}}$	CDF	S	S	R
7082	4898	1	$\frac{u^3 (\sin(w))^3}{\pi^3 (\sin(v))^3}$	CDF	S	S	K
7083	4899	1	$e^{\frac{u \sin(w)}{\sin(v) \pi}}$	CDF	S	S	E
7084	4900	1	$\log\left(\frac{u \sin(w)}{\sin(v) \pi}\right)$	CDF	S	S	L
7085	4901	1	$\arcsin\left(\frac{u \sin(w)}{\sin(v) \pi}\right)$	CDF	S	S	S
7086	4902	1	$\arctan\left(\frac{u \sin(w)}{\sin(v) \pi}\right)$	CDF	S	S	T
7087	4903	1	$\sqrt{\frac{\pi^2 - \pi^2 (\cos(v))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	S	P

7088	4904	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	S	H	
7089	4905	1	$\frac{u \sin(w)}{\pi \sin(v) \cos(w)}$	CDF	S	T	CD
7090	4906	1	$\frac{\pi \sin(v) \cos(w)}{u \sin(w)}$	CDF	S	T	CDI
7091	4907	1	$\frac{u^2 (\sin(w))^2}{\pi^2 (\sin(v))^2 (\cos(w))^2}$	CDF	S	T	AB
7092	4908	1	$\sqrt{\frac{u \sin(w)}{\pi \sin(v) \cos(w)}}$	CDF	S	T	R
7093	4909	1	$\frac{u^3 (\sin(w))^3}{\pi^3 (\sin(v))^3 (\cos(w))^3}$	CDF	S	T	K
7094	4910	1	$e^{\frac{u \sin(w)}{\pi \sin(v) \cos(w)}}$	CDF	S	T	E
7095	4911	1	$\log\left(\frac{u \sin(w)}{\pi \sin(v) \cos(w)}\right)$	CDF	S	T	L
7096	4912	1	$\arcsin\left(\frac{u \sin(w)}{\pi \sin(v) \cos(w)}\right)$	CDF	S	T	S
7097	4913	1	$\arctan\left(\frac{u \sin(w)}{\pi \sin(v) \cos(w)}\right)$	CDF	S	T	T
7098	4914	1	$\sqrt{\frac{\pi^2 (\cos(w))^2 - \pi^2 (\cos(w))^2 (\cos(v))^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDF	S	T	P
7099	4915	1	$\sqrt{-\frac{-\pi^2 (\cos(w))^2 + \pi^2 (\cos(w))^2 (\cos(v))^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDF	S	T	H
7100	4916	1	$\frac{u \sqrt{1-w^2}}{\sin(v) \pi}$	CDF	S	P	CD
7101	4917	1	$\frac{\sin(v) \pi}{u \sqrt{1-w^2}}$	CDF	S	P	CDI

7102	4918	1	$-\frac{u^2(-1+w^2)}{(\sin(v))^2\pi^2}$	CDF	S	P	AB
7103	4919	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\sin(v)\pi}}$	CDF	S	P	R
7104	4920	1	$\frac{u^3(1-w^2)^{3/2}}{\pi^3(\sin(v))^3}$	CDF	S	P	K
7105	4921	1	$e^{\frac{u\sqrt{1-w^2}}{\sin(v)\pi}}$	CDF	S	P	E
7106	4922	1	$\log\left(\frac{u\sqrt{1-w^2}}{\sin(v)\pi}\right)$	CDF	S	P	L
7107	4923	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\sin(v)\pi}\right)$	CDF	S	P	S
7108	4924	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\sin(v)\pi}\right)$	CDF	S	P	T
7109	4925	1	$\sqrt{\frac{-u^2+u^2w^2+\pi^2-\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	P	P
7110	4925	2	$\sqrt{\frac{-u^2+u^2w^2+\pi^2-\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	H	H
7111	4926	1	$\sqrt{-\frac{-u^2+u^2w^2-\pi^2+\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	P	H
7112	4926	2	$\sqrt{-\frac{-u^2+u^2w^2-\pi^2+\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	CDF	S	H	P
7113	4927	1	$\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}$	CDF	S	H	CD
7114	4928	1	$\frac{\sin(v)\pi}{u\sqrt{-1+w^2}}$	CDF	S	H	CDI
7115	4929	1	$\frac{u^2(-1+w^2)}{(\sin(v))^2\pi^2}$	CDF	S	H	AB

7116	4930	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}}$	CDF	S	H	R
7117	4931	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3(\sin(v))^3}$	CDF	S	H	K
7118	4932	1	$e^{\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}}$	CDF	S	H	E
7119	4933	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}\right)$	CDF	S	H	L
7120	4934	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}\right)$	CDF	S	H	S
7121	4935	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\sin(v)\pi}\right)$	CDF	S	H	T
7122	4936	1	$\frac{uw}{\pi^2 \tan(v)}$	CDF	T	CDF	CD
7123	4937	1	$\frac{\pi^2 \tan(v)}{uw}$	CDF	T	CDF	CDI
7124	4938	1	$\frac{u^2 w^2}{\pi^4 (\tan(v))^2}$	CDF	T	CDF	AB
7125	4939	1	$\sqrt{\frac{uw}{\pi^2 \tan(v)}}$	CDF	T	CDF	R
7126	4940	1	$\frac{u^3 w^3}{\pi^6 (\tan(v))^3}$	CDF	T	CDF	K
7127	4941	1	$e^{\frac{uw}{\pi^2 \tan(v)}}$	CDF	T	CDF	E
7128	4942	1	$\log\left(\frac{uw}{\pi^2 \tan(v)}\right)$	CDF	T	CDF	L
7129	4943	1	$\arcsin\left(\frac{uw}{\pi^2 \tan(v)}\right)$	CDF	T	CDF	S
7130	4944	1	$\arctan\left(\frac{uw}{\pi^2 \tan(v)}\right)$	CDF	T	CDF	T

7131	4945	1	$\sqrt{-\frac{\pi^4 (\tan(v))^2 + u^2 w^2}{\pi^4 (\tan(v))^2}}$	CDF	T	CDF	P
7132	4946	1	$\sqrt{\frac{\pi^4 (\tan(v))^2 + u^2 w^2}{\pi^4 (\tan(v))^2}}$	CDF	T	CDF	H
7133	4947	1	$\frac{u}{\pi^2 \tan(v) w}$	CDF	T	CDIF	CD
7134	4948	1	$\frac{\pi^2 \tan(v) w}{u}$	CDF	T	CDIF	CDI
7135	4949	1	$\frac{u^2}{\pi^4 (\tan(v))^2 w^2}$	CDF	T	CDIF	AB
7136	4950	1	$\sqrt{\frac{u}{\pi^2 \tan(v) w}}$	CDF	T	CDIF	R
7137	4951	1	$\frac{u^3}{\pi^6 (\tan(v))^3 w^3}$	CDF	T	CDIF	K
7138	4952	1	$e^{\frac{u}{\pi^2 \tan(v) w}}$	CDF	T	CDIF	E
7139	4953	1	$\log\left(\frac{u}{\pi^2 \tan(v) w}\right)$	CDF	T	CDIF	L
7140	4954	1	$\arcsin\left(\frac{u}{\pi^2 \tan(v) w}\right)$	CDF	T	CDIF	S
7141	4955	1	$\arctan\left(\frac{u}{\pi^2 \tan(v) w}\right)$	CDF	T	CDIF	T
7142	4956	1	$\sqrt{-\frac{\pi^4 (\tan(v))^2 w^2 + u^2}{\pi^4 (\tan(v))^2 w^2}}$	CDF	T	CDIF	P
7143	4957	1	$\sqrt{\frac{\pi^4 (\tan(v))^2 w^2 + u^2}{\pi^4 (\tan(v))^2 w^2}}$	CDF	T	CDIF	H
7144	4958	1	$\frac{u\sqrt{w}}{\pi \tan(v)}$	CDF	T	AB	CD

7145	4959	1	$\frac{\pi \tan(v)}{u\sqrt{w}}$	CDF	T	AB	CDI
7146	4960	1	$\frac{u^2 w}{(\tan(v))^2 \pi^2}$	CDF	T	AB	AB
7147	4961	1	$\sqrt{\frac{u\sqrt{w}}{\pi \tan(v)}}$	CDF	T	AB	R
7148	4962	1	$\frac{u^3 w^{3/2}}{\pi^3 (\tan(v))^3}$	CDF	T	AB	K
7149	4963	1	$e^{\frac{u\sqrt{w}}{\pi \tan(v)}}$	CDF	T	AB	E
7150	4964	1	$\log\left(\frac{u\sqrt{w}}{\pi \tan(v)}\right)$	CDF	T	AB	L
7151	4965	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi \tan(v)}\right)$	CDF	T	AB	S
7152	4966	1	$\arctan\left(\frac{u\sqrt{w}}{\pi \tan(v)}\right)$	CDF	T	AB	T
7153	4967	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^2 w}{(\tan(v))^2 \pi^2}}$	CDF	T	AB	P
7154	4968	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^2 w}{(\tan(v))^2 \pi^2}}$	CDF	T	AB	H
7155	4969	1	$\frac{uw^2}{\pi \tan(v)}$	CDF	T	R	CD
7156	4970	1	$\frac{\pi \tan(v)}{uw^2}$	CDF	T	R	CDI
7157	4971	1	$\frac{u^2 w^4}{(\tan(v))^2 \pi^2}$	CDF	T	R	AB
7158	4972	1	$\sqrt{\frac{uw^2}{\pi \tan(v)}}$	CDF	T	R	R

7159	4973	1	$\frac{u^3 w^6}{\pi^3 (\tan(v))^3}$	CDF	T	R	K
7160	4974	1	$e^{\frac{uw^2}{\pi \tan(v)}}$	CDF	T	R	E
7161	4975	1	$\log\left(\frac{uw^2}{\pi \tan(v)}\right)$	CDF	T	R	L
7162	4976	1	$\arcsin\left(\frac{uw^2}{\pi \tan(v)}\right)$	CDF	T	R	S
7163	4977	1	$\arctan\left(\frac{uw^2}{\pi \tan(v)}\right)$	CDF	T	R	T
7164	4978	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^2 w^4}{(\tan(v))^2 \pi^2}}$	CDF	T	R	P
7165	4979	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^2 w^4}{(\tan(v))^2 \pi^2}}$	CDF	T	R	H
7166	4980	1	$\frac{u \sqrt[3]{w}}{\pi \tan(v)}$	CDF	T	K	CD
7167	4981	1	$\frac{\pi \tan(v)}{u \sqrt[3]{w}}$	CDF	T	K	CDI
7168	4982	1	$\frac{u^2 w^{2/3}}{(\tan(v))^2 \pi^2}$	CDF	T	K	AB
7169	4983	1	$\sqrt{\frac{u \sqrt[3]{w}}{\pi \tan(v)}}$	CDF	T	K	R
7170	4984	1	$\frac{u^3 w}{\pi^3 (\tan(v))^3}$	CDF	T	K	K
7171	4985	1	$e^{\frac{u \sqrt[3]{w}}{\pi \tan(v)}}$	CDF	T	K	E
7172	4986	1	$\log\left(\frac{u \sqrt[3]{w}}{\pi \tan(v)}\right)$	CDF	T	K	L
7173	4987	1	$\arcsin\left(\frac{u \sqrt[3]{w}}{\pi \tan(v)}\right)$	CDF	T	K	S

7174	4988	1	$\arctan\left(\frac{u\sqrt[3]{w}}{\pi \tan(v)}\right)$	CDF	T	K	T
7175	4989	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^2 w^{2/3}}{(\tan(v))^2 \pi^2}}$	CDF	T	K	P
7176	4990	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^2 w^{2/3}}{(\tan(v))^2 \pi^2}}$	CDF	T	K	H
7177	4991	1	$\frac{u \ln(w)}{\pi \tan(v)}$	CDF	T	E	CD
7178	4992	1	$\frac{\pi \tan(v)}{u \ln(w)}$	CDF	T	E	CDI
7179	4993	1	$\frac{u^2 (\ln(w))^2}{(\tan(v))^2 \pi^2}$	CDF	T	E	AB
7180	4994	1	$\sqrt{\frac{u \ln(w)}{\pi \tan(v)}}$	CDF	T	E	R
7181	4995	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (\tan(v))^3}$	CDF	T	E	K
7182	4996	1	$w^{\frac{u}{\pi \tan(v)}}$	CDF	T	E	E
7183	4997	1	$\log\left(\frac{u \ln(w)}{\pi \tan(v)}\right)$	CDF	T	E	L
7184	4998	1	$\arcsin\left(\frac{u \ln(w)}{\pi \tan(v)}\right)$	CDF	T	E	S
7185	4999	1	$\arctan\left(\frac{u \ln(w)}{\pi \tan(v)}\right)$	CDF	T	E	T
7186	5000	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\tan(v))^2 \pi^2}}$	CDF	T	E	P
7187	5001	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^2 (\ln(w))^2}{(\tan(v))^2 \pi^2}}$	CDF	T	E	H

7188	5002	1	$\frac{u \text{Exp}(w)}{\pi \tan(v)}$	CDF	T	L	CD
7189	5003	1	$\frac{\pi \tan(v)}{u \text{Exp}(w)}$	CDF	T	L	CDI
7190	5004	1	$\frac{u^2 (\text{Exp}(w))^2}{(\tan(v))^2 \pi^2}$	CDF	T	L	AB
7191	5005	1	$\sqrt{\frac{u \text{Exp}(w)}{\pi \tan(v)}}$	CDF	T	L	R
7192	5006	1	$\frac{u^3 (\text{Exp}(w))^3}{\pi^3 (\tan(v))^3}$	CDF	T	L	K
7193	5007	1	$e^{\frac{u \text{Exp}(w)}{\pi \tan(v)}}$	CDF	T	L	E
7194	5008	1	$\log\left(\frac{u \text{Exp}(w)}{\pi \tan(v)}\right)$	CDF	T	L	L
7195	5009	1	$\arcsin\left(\frac{u \text{Exp}(w)}{\pi \tan(v)}\right)$	CDF	T	L	S
7196	5010	1	$\arctan\left(\frac{u \text{Exp}(w)}{\pi \tan(v)}\right)$	CDF	T	L	T
7197	5011	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^2 (\text{Exp}(w))^2}{(\tan(v))^2 \pi^2}}$	CDF	T	L	P
7198	5012	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^2 (\text{Exp}(w))^2}{(\tan(v))^2 \pi^2}}$	CDF	T	L	H
7199	5013	1	$\frac{u \cos(v) \sin(w)}{\sin(v) \pi}$	CDF	T	S	CD
7200	5014	1	$\frac{\sin(v) \pi}{u \cos(v) \sin(w)}$	CDF	T	S	CDI
7201	5015	1	$\frac{u^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 \pi^2}$	CDF	T	S	AB

7202	5016	1	$\sqrt{\frac{u \cos(v) \sin(w)}{\sin(v) \pi}}$	CDF	T	S	R
7203	5017	1	$\frac{u^3 (\cos(v))^3 (\sin(w))^3}{\pi^3 (\sin(v))^3}$	CDF	T	S	K
7204	5018	1	$e^{\frac{u \cos(v) \sin(w)}{\sin(v) \pi}}$	CDF	T	S	E
7205	5019	1	$\log\left(\frac{u \cos(v) \sin(w)}{\sin(v) \pi}\right)$	CDF	T	S	L
7206	5020	1	$\arcsin\left(\frac{u \cos(v) \sin(w)}{\sin(v) \pi}\right)$	CDF	T	S	S
7207	5021	1	$\arctan\left(\frac{u \cos(v) \sin(w)}{\sin(v) \pi}\right)$	CDF	T	S	T
7208	5022	1	$\sqrt{\frac{\pi^2 - \pi^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	T	S	P
7209	5023	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 \pi^2}}$	CDF	T	S	H
7210	5024	1	$\frac{u \cos(v) \sin(w)}{\pi \sin(v) \cos(w)}$	CDF	T	T	CD
7211	5025	1	$\frac{\pi \sin(v) \cos(w)}{u \cos(v) \sin(w)}$	CDF	T	T	CDI
7212	5026	1	$\frac{u^2 (\cos(v))^2 (\sin(w))^2}{\pi^2 (\sin(v))^2 (\cos(w))^2}$	CDF	T	T	AB
7213	5027	1	$\sqrt{\frac{u \cos(v) \sin(w)}{\pi \sin(v) \cos(w)}}$	CDF	T	T	R
7214	5028	1	$\frac{u^3 (\cos(v))^3 (\sin(w))^3}{\pi^3 (\sin(v))^3 (\cos(w))^3}$	CDF	T	T	K
7215	5029	1	$e^{\frac{u \cos(v) \sin(w)}{\pi \sin(v) \cos(w)}}$	CDF	T	T	E

7216	5030	1	$\log \left(\frac{u \cos (v) \sin (w)}{\pi \sin (v) \cos (w)} \right)$	CDF	T	T	L
7217	5031	1	$\arcsin \left(\frac{u \cos (v) \sin (w)}{\pi \sin (v) \cos (w)} \right)$	CDF	T	T	S
7218	5032	1	$\arctan \left(\frac{u \cos (v) \sin (w)}{\pi \sin (v) \cos (w)} \right)$	CDF	T	T	T
7219	5033	1	$\sqrt{\frac{\pi^2 (\cos (w))^2 - \pi^2 (\cos (w))^2 (\cos (v))^2 - u^2 (\cos (v))^2 + u^2 (\cos (v))^2 (\cos (w))^2}{\pi^2 (\sin (v))^2 (\cos (w))^2}}$	CDF	T	T	P
7220	5034	1	$\sqrt{-\frac{\pi^2 (\cos (w))^2 + \pi^2 (\cos (w))^2 (\cos (v))^2 - u^2 (\cos (v))^2 + u^2 (\cos (v))^2 (\cos (w))^2}{\pi^2 (\sin (v))^2 (\cos (w))^2}}$	CDF	T	T	H
7221	5035	1	$\frac{u \sqrt{1-w^2}}{\pi \tan (v)}$	CDF	T	P	CD
7222	5036	1	$\frac{\pi \tan (v)}{u \sqrt{1-w^2}}$	CDF	T	P	CDI
7223	5037	1	$-\frac{u^2 (-1+w^2)}{(\tan (v))^2 \pi^2}$	CDF	T	P	AB
7224	5038	1	$\sqrt{\frac{u \sqrt{1-w^2}}{\pi \tan (v)}}$	CDF	T	P	R
7225	5039	1	$\frac{u^3 (1-w^2)^{3/2}}{\pi^3 (\tan (v))^3}$	CDF	T	P	K
7226	5040	1	$e^{\frac{u \sqrt{1-w^2}}{\pi \tan (v)}}$	CDF	T	P	E
7227	5041	1	$\log \left(\frac{u \sqrt{1-w^2}}{\pi \tan (v)} \right)$	CDF	T	P	L
7228	5042	1	$\arcsin \left(\frac{u \sqrt{1-w^2}}{\pi \tan (v)} \right)$	CDF	T	P	S
7229	5043	1	$\arctan \left(\frac{u \sqrt{1-w^2}}{\pi \tan (v)} \right)$	CDF	T	P	T

7230	5044	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 - u^2 + u^2 w^2}{(\tan(v))^2 \pi^2}}$	CDF	T	P	P
7231	5044	2	$\sqrt{\frac{(\tan(v))^2 \pi^2 - u^2 + u^2 w^2}{(\tan(v))^2 \pi^2}}$	CDF	T	H	H
7232	5045	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 - u^2 + u^2 w^2}{(\tan(v))^2 \pi^2}}$	CDF	T	P	H
7233	5045	2	$\sqrt{-\frac{(\tan(v))^2 \pi^2 - u^2 + u^2 w^2}{(\tan(v))^2 \pi^2}}$	CDF	T	H	P
7234	5046	1	$\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}$	CDF	T	H	CD
7235	5047	1	$\frac{\pi \tan(v)}{u\sqrt{-1+w^2}}$	CDF	T	H	CDI
7236	5048	1	$\frac{u^2(-1+w^2)}{(\tan(v))^2 \pi^2}$	CDF	T	H	AB
7237	5049	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}}$	CDF	T	H	R
7238	5050	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3 (\tan(v))^3}$	CDF	T	H	K
7239	5051	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}}$	CDF	T	H	E
7240	5052	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}\right)$	CDF	T	H	L
7241	5053	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}\right)$	CDF	T	H	S
7242	5054	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi \tan(v)}\right)$	CDF	T	H	T
7243	5055	1	$\frac{uw}{\pi^2 \sqrt{1-v^2}}$	CDF	P	CDF	CD

7244	5056	1	$\frac{\pi^2 \sqrt{1-v^2}}{uw}$	CDF	P	CDF	CDI
7245	5057	1	$\frac{uw}{\pi \sqrt{-(v-1)(v+1)}}$	CDF	P	CDF	CDF
7246	5058	1	$-\frac{u^2 w^2}{\pi^4 (-1+v^2)}$	CDF	P	CDF	AB
7247	5059	1	$\sqrt{\frac{uw}{\pi^2 \sqrt{1-v^2}}}$	CDF	P	CDF	R
7248	5060	1	$\frac{u^3 w^3}{\pi^6 (1-v^2)^{3/2}}$	CDF	P	CDF	K
7249	5061	1	$e^{\frac{uw}{\pi^2 \sqrt{1-v^2}}}$	CDF	P	CDF	E
7250	5062	1	$\log \left(\frac{uw}{\pi^2 \sqrt{1-v^2}} \right)$	CDF	P	CDF	L
7251	5063	1	$\arcsin \left(\frac{uw}{\pi^2 \sqrt{1-v^2}} \right)$	CDF	P	CDF	S
7252	5064	1	$\arctan \left(\frac{uw}{\pi^2 \sqrt{1-v^2}} \right)$	CDF	P	CDF	T
7253	5065	1	$\sqrt{\frac{-\pi^4 + v^2 \pi^4 + u^2 w^2}{\pi^4 (-1+v^2)}}$	CDF	P	CDF	P
7254	5065	2	$\sqrt{\frac{-\pi^4 + v^2 \pi^4 + u^2 w^2}{\pi^4 (-1+v^2)}}$	CDF	H	CDF	H
7255	5066	1	$\sqrt{-\frac{\pi^4 - v^2 \pi^4 + u^2 w^2}{\pi^4 (-1+v^2)}}$	CDF	P	CDF	H
7256	5066	2	$\sqrt{-\frac{\pi^4 - v^2 \pi^4 + u^2 w^2}{\pi^4 (-1+v^2)}}$	CDF	H	CDF	P
7257	5067	1	$\frac{u}{\pi^2 \sqrt{1-v^2} w}$	CDF	P	CDIF	CD
7258	5068	1	$\frac{\pi^2 \sqrt{1-v^2} w}{u}$	CDF	P	CDIF	CDI

7259	5069	1	$\frac{u}{\pi\sqrt{-(v-1)(v+1)w}}$	CDF	P	CDIF	CDF
7260	5070	1	$-\frac{u^2}{w^2\pi^4(-1+v^2)}$	CDF	P	CDIF	AB
7261	5071	1	$\sqrt{\frac{u}{\pi^2\sqrt{1-v^2}w}}$	CDF	P	CDIF	R
7262	5072	1	$\frac{u^3}{\pi^6(1-v^2)^{3/2}w^3}$	CDF	P	CDIF	K
7263	5073	1	$e^{\frac{u}{\pi^2\sqrt{1-v^2}w}}$	CDF	P	CDIF	E
7264	5074	1	$\log\left(\frac{u}{\pi^2\sqrt{1-v^2}w}\right)$	CDF	P	CDIF	L
7265	5075	1	$\arcsin\left(\frac{u}{\pi^2\sqrt{1-v^2}w}\right)$	CDF	P	CDIF	S
7266	5076	1	$\arctan\left(\frac{u}{\pi^2\sqrt{1-v^2}w}\right)$	CDF	P	CDIF	T
7267	5077	1	$\sqrt{\frac{-w^2\pi^4+v^2w^2\pi^4+u^2}{w^2\pi^4(-1+v^2)}}$	CDF	P	CDIF	P
7268	5077	2	$\sqrt{\frac{-w^2\pi^4+v^2w^2\pi^4+u^2}{w^2\pi^4(-1+v^2)}}$	CDF	H	CDIF	H
7269	5078	1	$\sqrt{-\frac{w^2\pi^4-v^2w^2\pi^4+u^2}{w^2\pi^4(-1+v^2)}}$	CDF	P	CDIF	H
7270	5078	2	$\sqrt{-\frac{w^2\pi^4-v^2w^2\pi^4+u^2}{w^2\pi^4(-1+v^2)}}$	CDF	H	CDIF	P
7271	5079	1	$\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}$	CDF	P	AB	CD
7272	5080	1	$\frac{\pi\sqrt{1-v^2}}{u\sqrt{w}}$	CDF	P	AB	CDI
7273	5081	1	$-\frac{u^2w}{\pi^2(-1+v^2)}$	CDF	P	AB	AB

7274	5082	1	$\sqrt{\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}}$	CDF	P	AB	R
7275	5083	1	$\frac{u^3w^{3/2}}{\pi^3(1-v^2)^{3/2}}$	CDF	P	AB	K
7276	5084	1	$e^{\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}}$	CDF	P	AB	E
7277	5085	1	$\log\left(\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	AB	L
7278	5086	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	AB	S
7279	5087	1	$\arctan\left(\frac{u\sqrt{w}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	AB	T
7280	5088	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w}{\pi^2(-1+v^2)}}$	CDF	P	AB	P
7281	5088	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2w}{\pi^2(-1+v^2)}}$	CDF	H	AB	H
7282	5089	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w}{\pi^2(-1+v^2)}}$	CDF	P	AB	H
7283	5089	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2w}{\pi^2(-1+v^2)}}$	CDF	H	AB	P
7284	5090	1	$\frac{uw^2}{\pi\sqrt{-(v-1)(v+1)}}$	CDF	P	R	CD
7285	5091	1	$\frac{\pi\sqrt{1-v^2}}{uw^2}$	CDF	P	R	CDI
7286	5092	1	$-\frac{u^2w^4}{\pi^2(-1+v^2)}$	CDF	P	R	AB
7287	5093	1	$\sqrt{\frac{uw^2}{\pi\sqrt{-(v-1)(v+1)}}}$	CDF	P	R	R

7288	5094	1	$\frac{u^3 w^6}{\pi^3 (1 - v^2)^{3/2}}$	CDF	P	R	K
7289	5095	1	$e^{\frac{uw^2}{\pi \sqrt{-(v-1)(v+1)}}}$	CDF	P	R	E
7290	5096	1	$\log \left(\frac{uw^2}{\pi \sqrt{-(v-1)(v+1)}} \right)$	CDF	P	R	L
7291	5097	1	$\arcsin \left(\frac{uw^2}{\pi \sqrt{-(v-1)(v+1)}} \right)$	CDF	P	R	S
7292	5098	1	$\arctan \left(\frac{uw^2}{\pi \sqrt{-(v-1)(v+1)}} \right)$	CDF	P	R	T
7293	5099	1	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 w^4}{\pi^2 (-1 + v^2)}}$	CDF	P	R	P
7294	5099	2	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 w^4}{\pi^2 (-1 + v^2)}}$	CDF	H	R	H
7295	5100	1	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 w^4}{\pi^2 (-1 + v^2)}}$	CDF	P	R	H
7296	5100	2	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 w^4}{\pi^2 (-1 + v^2)}}$	CDF	H	R	P
7297	5101	1	$\frac{u \sqrt[3]{w}}{\pi \sqrt{1 - v^2}}$	CDF	P	K	CD
7298	5102	1	$\frac{\pi \sqrt{1 - v^2}}{u \sqrt[3]{w}}$	CDF	P	K	CDI
7299	5103	1	$-\frac{u^2 w^{2/3}}{\pi^2 (-1 + v^2)}$	CDF	P	K	AB
7300	5104	1	$\sqrt{\frac{u \sqrt[3]{w}}{\pi \sqrt{1 - v^2}}}$	CDF	P	K	R
7301	5105	1	$\frac{u^3 w}{\pi^3 (1 - v^2)^{3/2}}$	CDF	P	K	K

7302	5106	1	$e^{\frac{u \sqrt[3]{w}}{\pi \sqrt{1-v^2}}}$	CDF	P	K	E
7303	5107	1	$\log \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{1-v^2}} \right)$	CDF	P	K	L
7304	5108	1	$\arcsin \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{1-v^2}} \right)$	CDF	P	K	S
7305	5109	1	$\arctan \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{1-v^2}} \right)$	CDF	P	K	T
7306	5110	1	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 w^{2/3}}{\pi^2 (-1 + v^2)}}$	CDF	P	K	P
7307	5110	2	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 w^{2/3}}{\pi^2 (-1 + v^2)}}$	CDF	H	K	H
7308	5111	1	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 w^{2/3}}{\pi^2 (-1 + v^2)}}$	CDF	P	K	H
7309	5111	2	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 w^{2/3}}{\pi^2 (-1 + v^2)}}$	CDF	H	K	P
7310	5112	1	$\frac{u \ln(w)}{\pi \sqrt{1-v^2}}$	CDF	P	E	CD
7311	5113	1	$\frac{\pi \sqrt{1-v^2}}{u \ln(w)}$	CDF	P	E	CDI
7312	5114	1	$-\frac{u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}$	CDF	P	E	AB
7313	5115	1	$\sqrt{\frac{u \ln(w)}{\pi \sqrt{1-v^2}}}$	CDF	P	E	R
7314	5116	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (1-v^2)^{3/2}}$	CDF	P	E	K
7315	5117	1	$w^{\frac{u}{\pi \sqrt{1-v^2}}}$	CDF	P	E	E
7316	5118	1	$\log \left(\frac{u \ln(w)}{\pi \sqrt{1-v^2}} \right)$	CDF	P	E	L

7317	5119	1	$\arcsin\left(\frac{u \ln(w)}{\pi\sqrt{1-v^2}}\right)$	CDF	P	E	S
7318	5120	1	$\arctan\left(\frac{u \ln(w)}{\pi\sqrt{1-v^2}}\right)$	CDF	P	E	T
7319	5121	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	E	P
7320	5121	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	E	H
7321	5122	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	E	H
7322	5122	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	E	P
7323	5123	1	$\frac{uExp(w)}{\pi\sqrt{1-v^2}}$	CDF	P	L	CD
7324	5124	1	$\frac{\pi\sqrt{1-v^2}}{uExp(w)}$	CDF	P	L	CDI
7325	5125	1	$-\frac{u^2 (Exp(w))^2}{\pi^2 (-1 + v^2)}$	CDF	P	L	AB
7326	5126	1	$\sqrt{\frac{uExp(w)}{\pi\sqrt{1-v^2}}}$	CDF	P	L	R
7327	5127	1	$\frac{u^3 (Exp(w))^3}{\pi^3 (1 - v^2)^{3/2}}$	CDF	P	L	K
7328	5128	1	$e^{\frac{uExp(w)}{\pi\sqrt{1-v^2}}}$	CDF	P	L	E
7329	5129	1	$\log\left(\frac{uExp(w)}{\pi\sqrt{1-v^2}}\right)$	CDF	P	L	L
7330	5130	1	$\arcsin\left(\frac{uExp(w)}{\pi\sqrt{1-v^2}}\right)$	CDF	P	L	S

7331	5131	1	$\arctan\left(\frac{u \operatorname{Exp}(w)}{\pi \sqrt{1-v^2}}\right)$	CDF	P	L	T
7332	5132	1	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	L	P
7333	5132	2	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	L	H
7334	5133	1	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	L	H
7335	5133	2	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^2 (\operatorname{Exp}(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	L	P
7336	5134	1	$\frac{u \sin(w)}{\pi \sqrt{1-v^2}}$	CDF	P	S	CD
7337	5135	1	$\frac{\pi \sqrt{1-v^2}}{u \sin(w)}$	CDF	P	S	CDI
7338	5136	1	$-\frac{u^2 (\sin(w))^2}{\pi^2 (-1 + v^2)}$	CDF	P	S	AB
7339	5137	1	$\sqrt{\frac{u \sin(w)}{\pi \sqrt{1-v^2}}}$	CDF	P	S	R
7340	5138	1	$\frac{u^3 (\sin(w))^3}{\pi^3 (1-v^2)^{3/2}}$	CDF	P	S	K
7341	5139	1	$e^{\frac{u \sin(w)}{\pi \sqrt{1-v^2}}}$	CDF	P	S	E
7342	5140	1	$\log\left(\frac{u \sin(w)}{\pi \sqrt{1-v^2}}\right)$	CDF	P	S	L
7343	5141	1	$\arcsin\left(\frac{u \sin(w)}{\pi \sqrt{1-v^2}}\right)$	CDF	P	S	S
7344	5142	1	$\arctan\left(\frac{u \sin(w)}{\pi \sqrt{1-v^2}}\right)$	CDF	P	S	T

7345	5143	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	S	P
7346	5143	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	S	H
7347	5144	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	S	H
7348	5144	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2 (\cos(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	S	P
7349	5145	1	$\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}$	CDF	P	T	CD
7350	5146	1	$\frac{\pi \sqrt{1 - v^2}}{u \tan(w)}$	CDF	P	T	CDI
7351	5147	1	$-\frac{u^2 (\tan(w))^2}{\pi^2 (-1 + v^2)}$	CDF	P	T	AB
7352	5148	1	$\sqrt{\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}}$	CDF	P	T	R
7353	5149	1	$\frac{u^3 (\tan(w))^3}{\pi^3 (1 - v^2)^{3/2}}$	CDF	P	T	K
7354	5150	1	$e^{\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}}$	CDF	P	T	E
7355	5151	1	$\log\left(\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}\right)$	CDF	P	T	L
7356	5152	1	$\arcsin\left(\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}\right)$	CDF	P	T	S
7357	5153	1	$\arctan\left(\frac{u \tan(w)}{\pi \sqrt{1 - v^2}}\right)$	CDF	P	T	T
7358	5154	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2 (\tan(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	T	P
7359	5154	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^2 (\tan(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	T	H

7360	5155	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2 (\tan(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	P	T	H
7361	5155	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + u^2 (\tan(w))^2}{\pi^2 (-1 + v^2)}}$	CDF	H	T	P
7362	5156	1	$\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}$	CDF	P	P	CD
7363	5157	1	$\frac{\pi\sqrt{1-v^2}}{u\sqrt{1-w^2}}$	CDF	P	P	CDI
7364	5158	1	$\frac{u^2 (-1 + w^2)}{\pi^2 (-1 + v^2)}$	CDF	P	P	AB
7365	5158	2	$\frac{u^2 (-1 + w^2)}{\pi^2 (-1 + v^2)}$	CDF	H	H	AB
7366	5159	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}}$	CDF	P	P	R
7367	5160	1	$\frac{u^3 (1 - w^2)^{3/2}}{\pi^3 (1 - v^2)^{3/2}}$	CDF	P	P	K
7368	5161	1	$e^{\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}}$	CDF	P	P	E
7369	5162	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	P	L
7370	5163	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	P	S
7371	5164	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	P	T
7372	5165	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2w^2}{\pi^2 (-1 + v^2)}}$	CDF	P	P	P
7373	5165	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2w^2}{\pi^2 (-1 + v^2)}}$	CDF	P	H	H

7374	5165	3	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	P	H
7375	5165	4	$\sqrt{-\frac{\pi^2 - v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	H	P
7376	5166	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	P	P	H
7377	5166	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	P	H	P
7378	5166	3	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	P	P
7379	5166	4	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^2 + u^2w^2}{\pi^2(-1+v^2)}}$	CDF	H	H	H
7380	5167	1	$\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}$	CDF	P	H	CD
7381	5168	1	$\frac{\pi\sqrt{1-v^2}}{u\sqrt{-1+w^2}}$	CDF	P	H	CDI
7382	5169	1	$-\frac{u^2(-1+w^2)}{\pi^2(-1+v^2)}$	CDF	P	H	AB
7383	5169	2	$-\frac{u^2(-1+w^2)}{\pi^2(-1+v^2)}$	CDF	H	P	AB
7384	5170	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}}$	CDF	P	H	R
7385	5171	1	$\frac{u^3(-1+w^2)^{3/2}}{\pi^3(1-v^2)^{3/2}}$	CDF	P	H	K
7386	5172	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}}$	CDF	P	H	E
7387	5173	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	H	L
7388	5174	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	H	S

7389	5175	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{1-v^2}}\right)$	CDF	P	H	T
7390	5176	1	$\frac{uw}{\pi^2\sqrt{-1+v^2}}$	CDF	H	CDF	CD
7391	5177	1	$\frac{\pi^2\sqrt{-1+v^2}}{uw}$	CDF	H	CDF	CDI
7392	5178	1	$\frac{uw}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	CDF	CDF
7393	5179	1	$\frac{u^2w^2}{\pi^4(-1+v^2)}$	CDF	H	CDF	AB
7394	5180	1	$\sqrt{\frac{uw}{\pi^2\sqrt{-1+v^2}}}$	CDF	H	CDF	R
7395	5181	1	$\frac{u^3w^3}{\pi^6(-1+v^2)^{3/2}}$	CDF	H	CDF	K
7396	5182	1	$e^{\frac{uw}{\pi^2\sqrt{-1+v^2}}}$	CDF	H	CDF	E
7397	5183	1	$\log\left(\frac{uw}{\pi^2\sqrt{-1+v^2}}\right)$	CDF	H	CDF	L
7398	5184	1	$\arcsin\left(\frac{uw}{\pi^2\sqrt{-1+v^2}}\right)$	CDF	H	CDF	S
7399	5185	1	$\arctan\left(\frac{uw}{\pi^2\sqrt{-1+v^2}}\right)$	CDF	H	CDF	T
7400	5186	1	$\frac{u}{\pi^2\sqrt{-1+v^2}w}$	CDF	H	CDIF	CD
7401	5187	1	$\frac{\pi^2\sqrt{-1+v^2}w}{u}$	CDF	H	CDIF	CDI
7402	5188	1	$\frac{u}{\pi\sqrt{(v-1)(v+1)w}}$	CDF	H	CDIF	CDF
7403	5189	1	$\frac{u^2}{w^2\pi^4(-1+v^2)}$	CDF	H	CDIF	AB

7404	5190	1	$\sqrt{\frac{u}{\pi^2 \sqrt{-1+v^2} w}}$	CDF	H	CDIF	R
7405	5191	1	$\frac{u^3}{\pi^6 (-1+v^2)^{3/2} w^3}$	CDF	H	CDIF	K
7406	5192	1	$e^{\frac{u}{\pi^2 \sqrt{-1+v^2} w}}$	CDF	H	CDIF	E
7407	5193	1	$\log\left(\frac{u}{\pi^2 \sqrt{-1+v^2} w}\right)$	CDF	H	CDIF	L
7408	5194	1	$\arcsin\left(\frac{u}{\pi^2 \sqrt{-1+v^2} w}\right)$	CDF	H	CDIF	S
7409	5195	1	$\arctan\left(\frac{u}{\pi^2 \sqrt{-1+v^2} w}\right)$	CDF	H	CDIF	T
7410	5196	1	$\frac{u\sqrt{w}}{\pi \sqrt{-1+v^2}}$	CDF	H	AB	CD
7411	5197	1	$\frac{\pi \sqrt{-1+v^2}}{u\sqrt{w}}$	CDF	H	AB	CDI
7412	5198	1	$\frac{u^2 w}{\pi^2 (-1+v^2)}$	CDF	H	AB	AB
7413	5199	1	$\sqrt{\frac{u\sqrt{w}}{\pi \sqrt{-1+v^2}}}$	CDF	H	AB	R
7414	5200	1	$\frac{u^3 w^{3/2}}{\pi^3 (-1+v^2)^{3/2}}$	CDF	H	AB	K
7415	5201	1	$e^{\frac{u\sqrt{w}}{\pi \sqrt{-1+v^2}}}$	CDF	H	AB	E
7416	5202	1	$\log\left(\frac{u\sqrt{w}}{\pi \sqrt{-1+v^2}}\right)$	CDF	H	AB	L
7417	5203	1	$\arcsin\left(\frac{u\sqrt{w}}{\pi \sqrt{-1+v^2}}\right)$	CDF	H	AB	S

7418	5204	1	$\arctan\left(\frac{u\sqrt{w}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	AB	T
7419	5205	1	$\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	CD
7420	5206	1	$\frac{\pi\sqrt{-1+v^2}}{uw^2}$	CDF	H	R	CDI
7421	5207	1	$\frac{u^2w^4}{\pi^2(-1+v^2)}$	CDF	H	R	AB
7422	5208	1	$\sqrt{\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	R
7423	5209	1	$\frac{u^3w^6}{\pi^3(-1+v^2)^{3/2}}$	CDF	H	R	K
7424	5210	1	$e^{\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	E
7425	5211	1	$\log\left(\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	L
7426	5212	1	$\arcsin\left(\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	S
7427	5213	1	$\arctan\left(\frac{uw^2}{\pi\sqrt{(v-1)(v+1)}}$	CDF	H	R	T
7428	5214	1	$\frac{u\sqrt[3]{w}}{\pi\sqrt{-1+v^2}}$	CDF	H	K	CD
7429	5215	1	$\frac{\pi\sqrt{-1+v^2}}{u\sqrt[3]{w}}$	CDF	H	K	CDI
7430	5216	1	$\frac{u^2w^{2/3}}{\pi^2(-1+v^2)}$	CDF	H	K	AB
7431	5217	1	$\sqrt{\frac{u\sqrt[3]{w}}{\pi\sqrt{-1+v^2}}}$	CDF	H	K	R

7432	5218	1	$\frac{u^3 w}{\pi^3 (-1 + v^2)^{3/2}}$	CDF	H	K	K
7433	5219	1	$e^{\frac{u \sqrt[3]{w}}{\pi \sqrt{-1 + v^2}}}$	CDF	H	K	E
7434	5220	1	$\log \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	K	L
7435	5221	1	$\arcsin \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	K	S
7436	5222	1	$\arctan \left(\frac{u \sqrt[3]{w}}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	K	T
7437	5223	1	$\frac{u \ln(w)}{\pi \sqrt{-1 + v^2}}$	CDF	H	E	CD
7438	5224	1	$\frac{\pi \sqrt{-1 + v^2}}{u \ln(w)}$	CDF	H	E	CDI
7439	5225	1	$\frac{u^2 (\ln(w))^2}{\pi^2 (-1 + v^2)}$	CDF	H	E	AB
7440	5226	1	$\sqrt{\frac{u \ln(w)}{\pi \sqrt{-1 + v^2}}}$	CDF	H	E	R
7441	5227	1	$\frac{u^3 (\ln(w))^3}{\pi^3 (-1 + v^2)^{3/2}}$	CDF	H	E	K
7442	5228	1	$w^{\frac{u}{\pi \sqrt{-1 + v^2}}}$	CDF	H	E	E
7443	5229	1	$\log \left(\frac{u \ln(w)}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	E	L
7444	5230	1	$\arcsin \left(\frac{u \ln(w)}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	E	S
7445	5231	1	$\arctan \left(\frac{u \ln(w)}{\pi \sqrt{-1 + v^2}} \right)$	CDF	H	E	T
7446	5232	1	$\frac{u \text{Exp}(w)}{\pi \sqrt{-1 + v^2}}$	CDF	H	L	CD

7447	5233	1	$\frac{\pi\sqrt{-1+v^2}}{uExp(w)}$	CDF	H	L	CDI
7448	5234	1	$\frac{u^2(Exp(w))^2}{\pi^2(-1+v^2)}$	CDF	H	L	AB
7449	5235	1	$\sqrt{\frac{uExp(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	L	R
7450	5236	1	$\frac{u^3(Exp(w))^3}{\pi^3(-1+v^2)^{3/2}}$	CDF	H	L	K
7451	5237	1	$e^{\frac{uExp(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	L	E
7452	5238	1	$\log\left(\frac{uExp(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	L	L
7453	5239	1	$\arcsin\left(\frac{uExp(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	L	S
7454	5240	1	$\arctan\left(\frac{uExp(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	L	T
7455	5241	1	$\frac{u\sin(w)}{\pi\sqrt{-1+v^2}}$	CDF	H	S	CD
7456	5242	1	$\frac{\pi\sqrt{-1+v^2}}{u\sin(w)}$	CDF	H	S	CDI
7457	5243	1	$\frac{u^2(\sin(w))^2}{\pi^2(-1+v^2)}$	CDF	H	S	AB
7458	5244	1	$\sqrt{\frac{u\sin(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	S	R
7459	5245	1	$\frac{u^3(\sin(w))^3}{\pi^3(-1+v^2)^{3/2}}$	CDF	H	S	K
7460	5246	1	$e^{\frac{u\sin(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	S	E

7461	5247	1	$\log\left(\frac{u \sin(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	S	L
7462	5248	1	$\arcsin\left(\frac{u \sin(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	S	S
7463	5249	1	$\arctan\left(\frac{u \sin(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	S	T
7464	5250	1	$\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}$	CDF	H	T	CD
7465	5251	1	$\frac{\pi\sqrt{-1+v^2}}{u \tan(w)}$	CDF	H	T	CDI
7466	5252	1	$\frac{u^2 (\tan(w))^2}{\pi^2 (-1+v^2)}$	CDF	H	T	AB
7467	5253	1	$\sqrt{\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	T	R
7468	5254	1	$\frac{u^3 (\tan(w))^3}{\pi^3 (-1+v^2)^{3/2}}$	CDF	H	T	K
7469	5255	1	$e^{\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}}$	CDF	H	T	E
7470	5256	1	$\log\left(\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	T	L
7471	5257	1	$\arcsin\left(\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	T	S
7472	5258	1	$\arctan\left(\frac{u \tan(w)}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	T	T
7473	5259	1	$\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}$	CDF	H	P	CD
7474	5260	1	$\frac{\pi\sqrt{-1+v^2}}{u\sqrt{1-w^2}}$	CDF	H	P	CDI
7475	5261	1	$\sqrt{\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}}$	CDF	H	P	R

7476	5262	1	$\frac{u^3 (1 - w^2)^{3/2}}{\pi^3 (-1 + v^2)^{3/2}}$	CDF	H	P	K
7477	5263	1	$e^{\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}}$	CDF	H	P	E
7478	5264	1	$\log\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	P	L
7479	5265	1	$\arcsin\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	P	S
7480	5266	1	$\arctan\left(\frac{u\sqrt{1-w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	P	T
7481	5267	1	$\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}$	CDF	H	H	CD
7482	5268	1	$\frac{\pi\sqrt{-1+v^2}}{u\sqrt{-1+w^2}}$	CDF	H	H	CDI
7483	5269	1	$\sqrt{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}}$	CDF	H	H	R
7484	5270	1	$\frac{u^3 (-1 + w^2)^{3/2}}{\pi^3 (-1 + v^2)^{3/2}}$	CDF	H	H	K
7485	5271	1	$e^{\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}}$	CDF	H	H	E
7486	5272	1	$\log\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	H	L
7487	5273	1	$\arcsin\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	H	S
7488	5274	1	$\arctan\left(\frac{u\sqrt{-1+w^2}}{\pi\sqrt{-1+v^2}}\right)$	CDF	H	H	T

7489	5275	1	$\frac{w^2}{u^2v^2\pi^4}$	CDIF	CD	CDF	AB
7490	5276	1	$\sqrt{\frac{w}{uv\pi^2}}$	CDIF	CD	CDF	R
7491	5277	1	$\frac{w^3}{u^3v^3\pi^6}$	CDIF	CD	CDF	K
7492	5278	1	$e^{\frac{w}{uv\pi^2}}$	CDIF	CD	CDF	E
7493	5279	1	$\log\left(\frac{w}{uv\pi^2}\right)$	CDIF	CD	CDF	L
7494	5280	1	$\arcsin\left(\frac{w}{uv\pi^2}\right)$	CDIF	CD	CDF	S
7495	5281	1	$\arctan\left(\frac{w}{uv\pi^2}\right)$	CDIF	CD	CDF	T
7496	5282	1	$\sqrt{\frac{u^2v^2\pi^4 - w^2}{u^2v^2\pi^4}}$	CDIF	CD	CDF	P
7497	5283	1	$\sqrt{\frac{u^2v^2\pi^4 + w^2}{u^2v^2\pi^4}}$	CDIF	CD	CDF	H
7498	5284	1	$\frac{1}{u^2v^2w^2\pi^4}$	CDIF	CD	CDIF	AB
7499	5285	1	$\sqrt{\frac{1}{uvw\pi^2}}$	CDIF	CD	CDIF	R
7500	5286	1	$\frac{1}{u^3v^3w^3\pi^6}$	CDIF	CD	CDIF	K
7501	5287	1	$e^{\frac{1}{uvw\pi^2}}$	CDIF	CD	CDIF	E
7502	5288	1	$\log\left(\frac{1}{uvw\pi^2}\right)$	CDIF	CD	CDIF	L
7503	5289	1	$\arcsin\left(\frac{1}{uvw\pi^2}\right)$	CDIF	CD	CDIF	S

7504	5290	1	$\arctan\left(\frac{1}{uvw\pi^2}\right)$	CDIF	CD	CDIF	T
7505	5291	1	$\sqrt{\frac{u^2v^2w^2\pi^4-1}{u^2v^2w^2\pi^4}}$	CDIF	CD	CDIF	P
7506	5292	1	$\sqrt{\frac{u^2v^2w^2\pi^4+1}{u^2v^2w^2\pi^4}}$	CDIF	CD	CDIF	H
7507	5293	1	$\frac{\sqrt{w}}{u\pi v}$	CDIF	CD	AB	CD
7508	5294	1	$\frac{u\pi v}{\sqrt{w}}$	CDIF	CD	AB	CDI
7509	5295	1	$\frac{w}{u^2v^2\pi^2}$	CDIF	CD	AB	AB
7510	5296	1	$\sqrt{\frac{\sqrt{w}}{u\pi v}}$	CDIF	CD	AB	R
7511	5297	1	$\frac{w^{3/2}}{u^3\pi^3v^3}$	CDIF	CD	AB	K
7512	5298	1	$e^{\frac{\sqrt{w}}{u\pi v}}$	CDIF	CD	AB	E
7513	5299	1	$\log\left(\frac{\sqrt{w}}{u\pi v}\right)$	CDIF	CD	AB	L
7514	5300	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi v}\right)$	CDIF	CD	AB	S
7515	5301	1	$\arctan\left(\frac{\sqrt{w}}{u\pi v}\right)$	CDIF	CD	AB	T
7516	5302	1	$\sqrt{\frac{u^2v^2\pi^2-w}{u^2v^2\pi^2}}$	CDIF	CD	AB	P
7517	5303	1	$\sqrt{\frac{u^2v^2\pi^2+w}{u^2v^2\pi^2}}$	CDIF	CD	AB	H
7518	5304	1	$\frac{w^2}{u\pi v}$	CDIF	CD	R	CD

7519	5305	1	$\frac{u\pi v}{w^2}$	CDIF	CD	R	CDI
7520	5306	1	$\frac{w^4}{u^2 v^2 \pi^2}$	CDIF	CD	R	AB
7521	5307	1	$\sqrt{\frac{w^2}{u\pi v}}$	CDIF	CD	R	R
7522	5308	1	$\frac{w^6}{u^3 \pi^3 v^3}$	CDIF	CD	R	K
7523	5309	1	$e^{\frac{w^2}{u\pi v}}$	CDIF	CD	R	E
7524	5310	1	$\log\left(\frac{w^2}{u\pi v}\right)$	CDIF	CD	R	L
7525	5311	1	$\arcsin\left(\frac{w^2}{u\pi v}\right)$	CDIF	CD	R	S
7526	5312	1	$\arctan\left(\frac{w^2}{u\pi v}\right)$	CDIF	CD	R	T
7527	5313	1	$\sqrt{\frac{u^2 v^2 \pi^2 - w^4}{u^2 v^2 \pi^2}}$	CDIF	CD	R	P
7528	5314	1	$\sqrt{\frac{u^2 v^2 \pi^2 + w^4}{u^2 v^2 \pi^2}}$	CDIF	CD	R	H
7529	5315	1	$\frac{\sqrt[3]{w}}{u\pi v}$	CDIF	CD	K	CD
7530	5316	1	$\frac{u\pi v}{\sqrt[3]{w}}$	CDIF	CD	K	CDI
7531	5317	1	$\frac{w^{2/3}}{u^2 v^2 \pi^2}$	CDIF	CD	K	AB
7532	5318	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi v}}$	CDIF	CD	K	R
7533	5319	1	$\frac{w}{u^3 \pi^3 v^3}$	CDIF	CD	K	K

7534	5320	1	$e^{\frac{\sqrt[3]{w}}{u\pi v}}$	CDIF	CD	K	E
7535	5321	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi v}\right)$	CDIF	CD	K	L
7536	5322	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi v}\right)$	CDIF	CD	K	S
7537	5323	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi v}\right)$	CDIF	CD	K	T
7538	5324	1	$\sqrt{\frac{u^2v^2\pi^2 - w^{2/3}}{u^2v^2\pi^2}}$	CDIF	CD	K	P
7539	5325	1	$\sqrt{\frac{u^2v^2\pi^2 + w^{2/3}}{u^2v^2\pi^2}}$	CDIF	CD	K	H
7540	5326	1	$\frac{\ln(w)}{u\pi v}$	CDIF	CD	E	CD
7541	5327	1	$\frac{u\pi v}{\ln(w)}$	CDIF	CD	E	CDI
7542	5328	1	$\frac{(\ln(w))^2}{u^2v^2\pi^2}$	CDIF	CD	E	AB
7543	5329	1	$\sqrt{\frac{\ln(w)}{u\pi v}}$	CDIF	CD	E	R
7544	5330	1	$\frac{(\ln(w))^3}{u^3\pi^3v^3}$	CDIF	CD	E	K
7545	5331	1	$w^{\frac{1}{u\pi v}}$	CDIF	CD	E	E
7546	5332	1	$\log\left(\frac{\ln(w)}{u\pi v}\right)$	CDIF	CD	E	L
7547	5333	1	$\arcsin\left(\frac{\ln(w)}{u\pi v}\right)$	CDIF	CD	E	S

7548	5334	1	$\arctan\left(\frac{\ln(w)}{u\pi v}\right)$	CDIF	CD	E	T
7549	5335	1	$\sqrt{\frac{u^2v^2\pi^2 - (\ln(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	E	P
7550	5336	1	$\sqrt{\frac{u^2v^2\pi^2 + (\ln(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	E	H
7551	5337	1	$\frac{Exp(w)}{u\pi v}$	CDIF	CD	L	CD
7552	5338	1	$\frac{u\pi v}{Exp(w)}$	CDIF	CD	L	CDI
7553	5339	1	$\frac{(Exp(w))^2}{u^2v^2\pi^2}$	CDIF	CD	L	AB
7554	5340	1	$\sqrt{\frac{Exp(w)}{u\pi v}}$	CDIF	CD	L	R
7555	5341	1	$\frac{(Exp(w))^3}{u^3\pi^3v^3}$	CDIF	CD	L	K
7556	5342	1	$e^{\frac{Exp(w)}{u\pi v}}$	CDIF	CD	L	E
7557	5343	1	$\log\left(\frac{Exp(w)}{u\pi v}\right)$	CDIF	CD	L	L
7558	5344	1	$\arcsin\left(\frac{Exp(w)}{u\pi v}\right)$	CDIF	CD	L	S
7559	5345	1	$\arctan\left(\frac{Exp(w)}{u\pi v}\right)$	CDIF	CD	L	T
7560	5346	1	$\sqrt{\frac{u^2v^2\pi^2 - (Exp(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	L	P
7561	5347	1	$\sqrt{\frac{u^2v^2\pi^2 + (Exp(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	L	H

7562	5348	1	$\frac{\sin(w)}{u\pi v}$	CDIF	CD	S	CD
7563	5349	1	$\frac{u\pi v}{\sin(w)}$	CDIF	CD	S	CDI
7564	5350	1	$\frac{(\sin(w))^2}{u^2v^2\pi^2}$	CDIF	CD	S	AB
7565	5351	1	$\sqrt{\frac{\sin(w)}{u\pi v}}$	CDIF	CD	S	R
7566	5352	1	$\frac{(\sin(w))^3}{u^3\pi^3v^3}$	CDIF	CD	S	K
7567	5353	1	$e^{\frac{\sin(w)}{u\pi v}}$	CDIF	CD	S	E
7568	5354	1	$\log\left(\frac{\sin(w)}{u\pi v}\right)$	CDIF	CD	S	L
7569	5355	1	$\arcsin\left(\frac{\sin(w)}{u\pi v}\right)$	CDIF	CD	S	S
7570	5356	1	$\arctan\left(\frac{\sin(w)}{u\pi v}\right)$	CDIF	CD	S	T
7571	5357	1	$\sqrt{\frac{u^2v^2\pi^2 - 1 + (\cos(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	S	P
7572	5358	1	$\sqrt{\frac{u^2v^2\pi^2 + 1 - (\cos(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	S	H
7573	5359	1	$\frac{\tan(w)}{u\pi v}$	CDIF	CD	T	CD
7574	5360	1	$\frac{u\pi v}{\tan(w)}$	CDIF	CD	T	CDI
7575	5361	1	$\frac{(\tan(w))^2}{u^2v^2\pi^2}$	CDIF	CD	T	AB
7576	5362	1	$\sqrt{\frac{\tan(w)}{u\pi v}}$	CDIF	CD	T	R

7577	5363	1	$\frac{(\tan(w))^3}{u^3\pi^3v^3}$	CDIF	CD	T	K
7578	5364	1	$e^{\frac{\tan(w)}{u\pi v}}$	CDIF	CD	T	E
7579	5365	1	$\log\left(\frac{\tan(w)}{u\pi v}\right)$	CDIF	CD	T	L
7580	5366	1	$\arcsin\left(\frac{\tan(w)}{u\pi v}\right)$	CDIF	CD	T	S
7581	5367	1	$\arctan\left(\frac{\tan(w)}{u\pi v}\right)$	CDIF	CD	T	T
7582	5368	1	$\sqrt{\frac{u^2v^2\pi^2 - (\tan(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	T	P
7583	5369	1	$\sqrt{\frac{u^2v^2\pi^2 + (\tan(w))^2}{u^2v^2\pi^2}}$	CDIF	CD	T	H
7584	5370	1	$\frac{\sqrt{1-w^2}}{u\pi v}$	CDIF	CD	P	CD
7585	5371	1	$\frac{u\pi v}{\sqrt{1-w^2}}$	CDIF	CD	P	CDI
7586	5372	1	$-\frac{-1+w^2}{u^2v^2\pi^2}$	CDIF	CD	P	AB
7587	5373	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi v}}$	CDIF	CD	P	R
7588	5374	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3v^3}$	CDIF	CD	P	K
7589	5375	1	$e^{\frac{\sqrt{1-w^2}}{u\pi v}}$	CDIF	CD	P	E
7590	5376	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi v}\right)$	CDIF	CD	P	L

7591	5377	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi v}\right)$	CDIF	CD	P	S
7592	5378	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi v}\right)$	CDIF	CD	P	T
7593	5379	1	$\sqrt{\frac{u^2v^2\pi^2-1+w^2}{u^2v^2\pi^2}}$	CDIF	CD	P	P
7594	5379	2	$\sqrt{\frac{u^2v^2\pi^2-1+w^2}{u^2v^2\pi^2}}$	CDIF	CD	H	H
7595	5380	1	$\sqrt{\frac{u^2v^2\pi^2+1-w^2}{u^2v^2\pi^2}}$	CDIF	CD	P	H
7596	5380	2	$\sqrt{\frac{u^2v^2\pi^2+1-w^2}{u^2v^2\pi^2}}$	CDIF	CD	H	P
7597	5381	1	$\frac{\sqrt{-1+w^2}}{u\pi v}$	CDIF	CD	H	CD
7598	5382	1	$\frac{u\pi v}{\sqrt{-1+w^2}}$	CDIF	CD	H	CDI
7599	5383	1	$\frac{-1+w^2}{u^2v^2\pi^2}$	CDIF	CD	H	AB
7600	5384	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi v}}$	CDIF	CD	H	R
7601	5385	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3v^3}$	CDIF	CD	H	K
7602	5386	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi v}}$	CDIF	CD	H	E
7603	5387	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi v}\right)$	CDIF	CD	H	L
7604	5388	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi v}\right)$	CDIF	CD	H	S

7605	5389	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi v}\right)$	CDIF	CD	H	T
7606	5390	1	$\frac{v^2 w^2}{u^2 \pi^4}$	CDIF	CDI	CDF	AB
7607	5391	1	$\sqrt{\frac{vw}{u\pi^2}}$	CDIF	CDI	CDF	R
7608	5392	1	$\frac{v^3 w^3}{u^3 \pi^6}$	CDIF	CDI	CDF	K
7609	5393	1	$e^{\frac{vw}{u\pi^2}}$	CDIF	CDI	CDF	E
7610	5394	1	$\log\left(\frac{vw}{u\pi^2}\right)$	CDIF	CDI	CDF	L
7611	5395	1	$\arcsin\left(\frac{vw}{u\pi^2}\right)$	CDIF	CDI	CDF	S
7612	5396	1	$\arctan\left(\frac{vw}{u\pi^2}\right)$	CDIF	CDI	CDF	T
7613	5397	1	$\sqrt{\frac{u^2 \pi^4 - v^2 w^2}{u^2 \pi^4}}$	CDIF	CDI	CDF	P
7614	5398	1	$\sqrt{\frac{u^2 \pi^4 + v^2 w^2}{u^2 \pi^4}}$	CDIF	CDI	CDF	H
7615	5399	1	$\frac{v^2}{u^2 w^2 \pi^4}$	CDIF	CDI	CDIF	AB
7616	5400	1	$\sqrt{\frac{v}{uw\pi^2}}$	CDIF	CDI	CDIF	R
7617	5401	1	$\frac{v^3}{u^3 w^3 \pi^6}$	CDIF	CDI	CDIF	K
7618	5402	1	$e^{\frac{v}{uw\pi^2}}$	CDIF	CDI	CDIF	E
7619	5403	1	$\log\left(\frac{v}{uw\pi^2}\right)$	CDIF	CDI	CDIF	L

7620	5404	1	$\arcsin\left(\frac{v}{uw\pi^2}\right)$	CDIF	CDI	CDIF	S
7621	5405	1	$\arctan\left(\frac{v}{uw\pi^2}\right)$	CDIF	CDI	CDIF	T
7622	5406	1	$\sqrt{\frac{u^2w^2\pi^4 - v^2}{u^2w^2\pi^4}}$	CDIF	CDI	CDIF	P
7623	5407	1	$\sqrt{\frac{u^2w^2\pi^4 + v^2}{u^2w^2\pi^4}}$	CDIF	CDI	CDIF	H
7624	5408	1	$\frac{v\sqrt{w}}{u\pi}$	CDIF	CDI	AB	CD
7625	5409	1	$\frac{u\pi}{v\sqrt{w}}$	CDIF	CDI	AB	CDI
7626	5410	1	$\frac{v^2w}{u^2\pi^2}$	CDIF	CDI	AB	AB
7627	5411	1	$\sqrt{\frac{v\sqrt{w}}{u\pi}}$	CDIF	CDI	AB	R
7628	5412	1	$\frac{v^3w^{3/2}}{u^3\pi^3}$	CDIF	CDI	AB	K
7629	5413	1	$e^{\frac{v\sqrt{w}}{u\pi}}$	CDIF	CDI	AB	E
7630	5414	1	$\log\left(\frac{v\sqrt{w}}{u\pi}\right)$	CDIF	CDI	AB	L
7631	5415	1	$\arcsin\left(\frac{v\sqrt{w}}{u\pi}\right)$	CDIF	CDI	AB	S
7632	5416	1	$\arctan\left(\frac{v\sqrt{w}}{u\pi}\right)$	CDIF	CDI	AB	T
7633	5417	1	$\sqrt{\frac{u^2\pi^2 - v^2w}{u^2\pi^2}}$	CDIF	CDI	AB	P
7634	5418	1	$\sqrt{\frac{u^2\pi^2 + v^2w}{u^2\pi^2}}$	CDIF	CDI	AB	H

7635	5419	1	$\frac{vw^2}{u\pi}$	CDIF	CDI	R	CD
7636	5420	1	$\frac{u\pi}{vw^2}$	CDIF	CDI	R	CDI
7637	5421	1	$\frac{v^2w^4}{u^2\pi^2}$	CDIF	CDI	R	AB
7638	5422	1	$\sqrt{\frac{vw^2}{u\pi}}$	CDIF	CDI	R	R
7639	5423	1	$\frac{v^3w^6}{u^3\pi^3}$	CDIF	CDI	R	K
7640	5424	1	$e^{\frac{vw^2}{u\pi}}$	CDIF	CDI	R	E
7641	5425	1	$\log\left(\frac{vw^2}{u\pi}\right)$	CDIF	CDI	R	L
7642	5426	1	$\arcsin\left(\frac{vw^2}{u\pi}\right)$	CDIF	CDI	R	S
7643	5427	1	$\arctan\left(\frac{vw^2}{u\pi}\right)$	CDIF	CDI	R	T
7644	5428	1	$\sqrt{\frac{u^2\pi^2 - v^2w^4}{u^2\pi^2}}$	CDIF	CDI	R	P
7645	5429	1	$\sqrt{\frac{u^2\pi^2 + v^2w^4}{u^2\pi^2}}$	CDIF	CDI	R	H
7646	5430	1	$\frac{v\sqrt[3]{w}}{u\pi}$	CDIF	CDI	K	CD
7647	5431	1	$\frac{u\pi}{v\sqrt[3]{w}}$	CDIF	CDI	K	CDI
7648	5432	1	$\frac{v^2w^{2/3}}{u^2\pi^2}$	CDIF	CDI	K	AB
7649	5433	1	$\sqrt{\frac{v\sqrt[3]{w}}{u\pi}}$	CDIF	CDI	K	R

7650	5434	1	$\frac{v^3 w}{u^3 \pi^3}$	CDIF	CDI	K	K
7651	5435	1	$e^{\frac{v \sqrt[3]{w}}{u \pi}}$	CDIF	CDI	K	E
7652	5436	1	$\log \left(\frac{v \sqrt[3]{w}}{u \pi} \right)$	CDIF	CDI	K	L
7653	5437	1	$\arcsin \left(\frac{v \sqrt[3]{w}}{u \pi} \right)$	CDIF	CDI	K	S
7654	5438	1	$\arctan \left(\frac{v \sqrt[3]{w}}{u \pi} \right)$	CDIF	CDI	K	T
7655	5439	1	$\sqrt{\frac{u^2 \pi^2 - v^2 w^{2/3}}{u^2 \pi^2}}$	CDIF	CDI	K	P
7656	5440	1	$\sqrt{\frac{u^2 \pi^2 + v^2 w^{2/3}}{u^2 \pi^2}}$	CDIF	CDI	K	H
7657	5441	1	$\frac{v \ln(w)}{u \pi}$	CDIF	CDI	E	CD
7658	5442	1	$\frac{u \pi}{v \ln(w)}$	CDIF	CDI	E	CDI
7659	5443	1	$\frac{v^2 (\ln(w))^2}{u^2 \pi^2}$	CDIF	CDI	E	AB
7660	5444	1	$\sqrt{\frac{v \ln(w)}{u \pi}}$	CDIF	CDI	E	R
7661	5445	1	$\frac{v^3 (\ln(w))^3}{u^3 \pi^3}$	CDIF	CDI	E	K
7662	5446	1	$w^{\frac{v}{u \pi}}$	CDIF	CDI	E	E
7663	5447	1	$\log \left(\frac{v \ln(w)}{u \pi} \right)$	CDIF	CDI	E	L

7664	5448	1	$\arcsin\left(\frac{v \ln(w)}{u\pi}\right)$	CDIF	CDI	E	S
7665	5449	1	$\arctan\left(\frac{v \ln(w)}{u\pi}\right)$	CDIF	CDI	E	T
7666	5450	1	$\sqrt{\frac{u^2\pi^2 - v^2 (\ln(w))^2}{u^2\pi^2}}$	CDIF	CDI	E	P
7667	5451	1	$\sqrt{\frac{u^2\pi^2 + v^2 (\ln(w))^2}{u^2\pi^2}}$	CDIF	CDI	E	H
7668	5452	1	$\frac{v \text{Exp}(w)}{u\pi}$	CDIF	CDI	L	CD
7669	5453	1	$\frac{u\pi}{v \text{Exp}(w)}$	CDIF	CDI	L	CDI
7670	5454	1	$\frac{v^2 (\text{Exp}(w))^2}{u^2\pi^2}$	CDIF	CDI	L	AB
7671	5455	1	$\sqrt{\frac{v \text{Exp}(w)}{u\pi}}$	CDIF	CDI	L	R
7672	5456	1	$\frac{v^3 (\text{Exp}(w))^3}{u^3\pi^3}$	CDIF	CDI	L	K
7673	5457	1	$e^{\frac{v \text{Exp}(w)}{u\pi}}$	CDIF	CDI	L	E
7674	5458	1	$\log\left(\frac{v \text{Exp}(w)}{u\pi}\right)$	CDIF	CDI	L	L
7675	5459	1	$\arcsin\left(\frac{v \text{Exp}(w)}{u\pi}\right)$	CDIF	CDI	L	S
7676	5460	1	$\arctan\left(\frac{v \text{Exp}(w)}{u\pi}\right)$	CDIF	CDI	L	T
7677	5461	1	$\sqrt{\frac{u^2\pi^2 - v^2 (\text{Exp}(w))^2}{u^2\pi^2}}$	CDIF	CDI	L	P

7678	5462	1	$\sqrt{\frac{u^2\pi^2 + v^2 (Exp(w))^2}{u^2\pi^2}}$	CDIF	CDI	L	H
7679	5463	1	$\frac{v \sin(w)}{u\pi}$	CDIF	CDI	S	CD
7680	5464	1	$\frac{u\pi}{v \sin(w)}$	CDIF	CDI	S	CDI
7681	5465	1	$\frac{v^2 (\sin(w))^2}{u^2\pi^2}$	CDIF	CDI	S	AB
7682	5466	1	$\sqrt{\frac{v \sin(w)}{u\pi}}$	CDIF	CDI	S	R
7683	5467	1	$\frac{v^3 (\sin(w))^3}{u^3\pi^3}$	CDIF	CDI	S	K
7684	5468	1	$e^{\frac{v \sin(w)}{u\pi}}$	CDIF	CDI	S	E
7685	5469	1	$\log\left(\frac{v \sin(w)}{u\pi}\right)$	CDIF	CDI	S	L
7686	5470	1	$\arcsin\left(\frac{v \sin(w)}{u\pi}\right)$	CDIF	CDI	S	S
7687	5471	1	$\arctan\left(\frac{v \sin(w)}{u\pi}\right)$	CDIF	CDI	S	T
7688	5472	1	$\sqrt{\frac{u^2\pi^2 - v^2 + v^2 (\cos(w))^2}{u^2\pi^2}}$	CDIF	CDI	S	P
7689	5473	1	$\sqrt{\frac{u^2\pi^2 + v^2 - v^2 (\cos(w))^2}{u^2\pi^2}}$	CDIF	CDI	S	H
7690	5474	1	$\frac{v \tan(w)}{u\pi}$	CDIF	CDI	T	CD
7691	5475	1	$\frac{u\pi}{v \tan(w)}$	CDIF	CDI	T	CDI
7692	5476	1	$\frac{v^2 (\tan(w))^2}{u^2\pi^2}$	CDIF	CDI	T	AB

7693	5477	1	$\sqrt{\frac{v \tan(w)}{u\pi}}$	CDIF	CDI	T	R
7694	5478	1	$\frac{v^3 (\tan(w))^3}{u^3 \pi^3}$	CDIF	CDI	T	K
7695	5479	1	$e^{\frac{v \tan(w)}{u\pi}}$	CDIF	CDI	T	E
7696	5480	1	$\log\left(\frac{v \tan(w)}{u\pi}\right)$	CDIF	CDI	T	L
7697	5481	1	$\arcsin\left(\frac{v \tan(w)}{u\pi}\right)$	CDIF	CDI	T	S
7698	5482	1	$\arctan\left(\frac{v \tan(w)}{u\pi}\right)$	CDIF	CDI	T	T
7699	5483	1	$\sqrt{\frac{u^2 \pi^2 - v^2 (\tan(w))^2}{u^2 \pi^2}}$	CDIF	CDI	T	P
7700	5484	1	$\sqrt{\frac{u^2 \pi^2 + v^2 (\tan(w))^2}{u^2 \pi^2}}$	CDIF	CDI	T	H
7701	5485	1	$\frac{v\sqrt{1-w^2}}{u\pi}$	CDIF	CDI	P	CD
7702	5486	1	$\frac{u\pi}{v\sqrt{1-w^2}}$	CDIF	CDI	P	CDI
7703	5487	1	$-\frac{v^2(-1+w^2)}{u^2 \pi^2}$	CDIF	CDI	P	AB
7704	5488	1	$\sqrt{\frac{v\sqrt{1-w^2}}{u\pi}}$	CDIF	CDI	P	R
7705	5489	1	$\frac{v^3 (1-w^2)^{3/2}}{u^3 \pi^3}$	CDIF	CDI	P	K
7706	5490	1	$e^{\frac{v\sqrt{1-w^2}}{u\pi}}$	CDIF	CDI	P	E

7707	5491	1	$\log \left(\frac{v\sqrt{1-w^2}}{u\pi} \right)$	CDIF	CDI	P	L
7708	5492	1	$\arcsin \left(\frac{v\sqrt{1-w^2}}{u\pi} \right)$	CDIF	CDI	P	S
7709	5493	1	$\arctan \left(\frac{v\sqrt{1-w^2}}{u\pi} \right)$	CDIF	CDI	P	T
7710	5494	1	$\sqrt{\frac{u^2\pi^2 - v^2 + v^2w^2}{u^2\pi^2}}$	CDIF	CDI	P	P
7711	5494	2	$\sqrt{\frac{u^2\pi^2 - v^2 + v^2w^2}{u^2\pi^2}}$	CDIF	CDI	H	H
7712	5495	1	$\sqrt{\frac{u^2\pi^2 + v^2 - v^2w^2}{u^2\pi^2}}$	CDIF	CDI	P	H
7713	5495	2	$\sqrt{\frac{u^2\pi^2 + v^2 - v^2w^2}{u^2\pi^2}}$	CDIF	CDI	H	P
7714	5496	1	$\frac{v\sqrt{-1+w^2}}{u\pi}$	CDIF	CDI	H	CD
7715	5497	1	$\frac{u\pi}{v\sqrt{-1+w^2}}$	CDIF	CDI	H	CDI
7716	5498	1	$\frac{v^2(-1+w^2)}{u^2\pi^2}$	CDIF	CDI	H	AB
7717	5499	1	$\sqrt{\frac{v\sqrt{-1+w^2}}{u\pi}}$	CDIF	CDI	H	R
7718	5500	1	$\frac{v^3(-1+w^2)^{3/2}}{u^3\pi^3}$	CDIF	CDI	H	K
7719	5501	1	$e^{\frac{v\sqrt{-1+w^2}}{u\pi}}$	CDIF	CDI	H	E
7720	5502	1	$\log \left(\frac{v\sqrt{-1+w^2}}{u\pi} \right)$	CDIF	CDI	H	L

7721	5503	1	$\arcsin\left(\frac{v\sqrt{-1+w^2}}{u\pi}\right)$	CDIF	CDI	H	S
7722	5504	1	$\arctan\left(\frac{v\sqrt{-1+w^2}}{u\pi}\right)$	CDIF	CDI	H	T
7723	5505	1	$\frac{w}{u\pi^2\sqrt{v}}$	CDIF	AB	CDF	CD
7724	5506	1	$\frac{u\pi^2\sqrt{v}}{w}$	CDIF	AB	CDF	CDI
7725	5507	1	$\frac{w^2}{u^2\pi^4v}$	CDIF	AB	CDF	AB
7726	5508	1	$\sqrt{\frac{w}{u\pi^2\sqrt{v}}}$	CDIF	AB	CDF	R
7727	5509	1	$\frac{w^3}{u^3\pi^6v^{3/2}}$	CDIF	AB	CDF	K
7728	5510	1	$e^{\frac{w}{u\pi^2\sqrt{v}}}$	CDIF	AB	CDF	E
7729	5511	1	$\log\left(\frac{w}{u\pi^2\sqrt{v}}\right)$	CDIF	AB	CDF	L
7730	5512	1	$\arcsin\left(\frac{w}{u\pi^2\sqrt{v}}\right)$	CDIF	AB	CDF	S
7731	5513	1	$\arctan\left(\frac{w}{u\pi^2\sqrt{v}}\right)$	CDIF	AB	CDF	T
7732	5514	1	$\sqrt{\frac{u^2\pi^4v-w^2}{u^2\pi^4v}}$	CDIF	AB	CDF	P
7733	5515	1	$\sqrt{\frac{u^2\pi^4v+w^2}{u^2\pi^4v}}$	CDIF	AB	CDF	H
7734	5516	1	$\frac{1}{u\pi^2\sqrt{vw}}$	CDIF	AB	CDIF	CD
7735	5517	1	$u\pi^2\sqrt{v}w$	CDIF	AB	CDIF	CDI

7736	5518	1	$\frac{1}{u^2\pi^4vw^2}$	CDIF	AB	CDIF	AB
7737	5519	1	$\sqrt{\frac{1}{u\pi^2\sqrt{vw}}}$	CDIF	AB	CDIF	R
7738	5520	1	$\frac{1}{u^3\pi^6v^{3/2}w^3}$	CDIF	AB	CDIF	K
7739	5521	1	$e^{\frac{1}{u\pi^2\sqrt{vw}}}$	CDIF	AB	CDIF	E
7740	5522	1	$\log\left(\frac{1}{u\pi^2\sqrt{vw}}\right)$	CDIF	AB	CDIF	L
7741	5523	1	$\arcsin\left(\frac{1}{u\pi^2\sqrt{vw}}\right)$	CDIF	AB	CDIF	S
7742	5524	1	$\arctan\left(\frac{1}{u\pi^2\sqrt{vw}}\right)$	CDIF	AB	CDIF	T
7743	5525	1	$\sqrt{\frac{u^2\pi^4vw^2-1}{u^2\pi^4vw^2}}$	CDIF	AB	CDIF	P
7744	5526	1	$\sqrt{\frac{u^2\pi^4vw^2+1}{u^2\pi^4vw^2}}$	CDIF	AB	CDIF	H
7745	5527	1	$\frac{\sqrt{w}}{u\pi\sqrt{v}}$	CDIF	AB	AB	CD
7746	5528	1	$\frac{u\pi\sqrt{v}}{\sqrt{w}}$	CDIF	AB	AB	CDI
7747	5529	1	$\frac{w}{u^2v\pi^2}$	CDIF	AB	AB	AB
7748	5529	2	$\frac{w}{u^2v\pi^2}$	R	CDIF	CDI	CDIF
7749	5530	1	$\sqrt{\frac{\sqrt{w}}{u\pi\sqrt{v}}}$	CDIF	AB	AB	R
7750	5531	1	$\frac{w^{3/2}}{u^3\pi^3v^{3/2}}$	CDIF	AB	AB	K

7751	5532	1	$e^{\frac{\sqrt{w}}{u\pi\sqrt{v}}}$	CDIF	AB	AB	E
7752	5533	1	$\log\left(\frac{\sqrt{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	AB	L
7753	5534	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	AB	S
7754	5535	1	$\arctan\left(\frac{\sqrt{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	AB	T
7755	5536	1	$\sqrt{\frac{u^2v\pi^2 - w}{u^2v\pi^2}}$	CDIF	AB	AB	P
7756	5537	1	$\sqrt{\frac{u^2v\pi^2 + w}{u^2v\pi^2}}$	CDIF	AB	AB	H
7757	5538	1	$\frac{w^2}{u\pi\sqrt{v}}$	CDIF	AB	R	CD
7758	5539	1	$\frac{u\pi\sqrt{v}}{w^2}$	CDIF	AB	R	CDI
7759	5540	1	$\frac{w^4}{u^2v\pi^2}$	CDIF	AB	R	AB
7760	5541	1	$\sqrt{\frac{w^2}{u\pi\sqrt{v}}}$	CDIF	AB	R	R
7761	5542	1	$\frac{w^6}{u^3\pi^3v^{3/2}}$	CDIF	AB	R	K
7762	5543	1	$e^{\frac{w^2}{u\pi\sqrt{v}}}$	CDIF	AB	R	E
7763	5544	1	$\log\left(\frac{w^2}{u\pi\sqrt{v}}\right)$	CDIF	AB	R	L
7764	5545	1	$\arcsin\left(\frac{w^2}{u\pi\sqrt{v}}\right)$	CDIF	AB	R	S

7765	5546	1	$\arctan\left(\frac{w^2}{u\pi\sqrt{v}}\right)$	CDIF	AB	R	T
7766	5547	1	$\sqrt{\frac{u^2v\pi^2 - w^4}{u^2v\pi^2}}$	CDIF	AB	R	P
7767	5548	1	$\sqrt{\frac{u^2v\pi^2 + w^4}{u^2v\pi^2}}$	CDIF	AB	R	H
7768	5549	1	$\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}$	CDIF	AB	K	CD
7769	5550	1	$\frac{u\pi\sqrt{v}}{\sqrt[3]{w}}$	CDIF	AB	K	CDI
7770	5551	1	$\frac{w^{2/3}}{u^2v\pi^2}$	CDIF	AB	K	AB
7771	5552	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}}$	CDIF	AB	K	R
7772	5553	1	$\frac{w}{u^3\pi^3v^{3/2}}$	CDIF	AB	K	K
7773	5554	1	$e^{\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}}$	CDIF	AB	K	E
7774	5555	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	K	L
7775	5556	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	K	S
7776	5557	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{v}}\right)$	CDIF	AB	K	T
7777	5558	1	$\sqrt{\frac{u^2v\pi^2 - w^{2/3}}{u^2v\pi^2}}$	CDIF	AB	K	P
7778	5559	1	$\sqrt{\frac{u^2v\pi^2 + w^{2/3}}{u^2v\pi^2}}$	CDIF	AB	K	H
7779	5560	1	$\frac{\ln(w)}{u\pi\sqrt{v}}$	CDIF	AB	E	CD

7780	5561	1	$\frac{u\pi\sqrt{v}}{\ln(w)}$	CDIF	AB	E	CDI
7781	5562	1	$\frac{(\ln(w))^2}{u^2v\pi^2}$	CDIF	AB	E	AB
7782	5563	1	$\sqrt{\frac{\ln(w)}{u\pi\sqrt{v}}}$	CDIF	AB	E	R
7783	5564	1	$\frac{(\ln(w))^3}{u^3\pi^3v^{3/2}}$	CDIF	AB	E	K
7784	5565	1	$w^{\frac{1}{u\pi\sqrt{v}}}$	CDIF	AB	E	E
7785	5566	1	$\log\left(\frac{\ln(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	E	L
7786	5567	1	$\arcsin\left(\frac{\ln(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	E	S
7787	5568	1	$\arctan\left(\frac{\ln(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	E	T
7788	5569	1	$\sqrt{\frac{u^2v\pi^2 - (\ln(w))^2}{u^2v\pi^2}}$	CDIF	AB	E	P
7789	5570	1	$\sqrt{\frac{u^2v\pi^2 + (\ln(w))^2}{u^2v\pi^2}}$	CDIF	AB	E	H
7790	5571	1	$\frac{\text{Exp}(w)}{u\pi\sqrt{v}}$	CDIF	AB	L	CD
7791	5572	1	$\frac{u\pi\sqrt{v}}{\text{Exp}(w)}$	CDIF	AB	L	CDI
7792	5573	1	$\frac{(\text{Exp}(w))^2}{u^2v\pi^2}$	CDIF	AB	L	AB
7793	5574	1	$\sqrt{\frac{\text{Exp}(w)}{u\pi\sqrt{v}}}$	CDIF	AB	L	R

7794	5575	1	$\frac{(Exp(w))^3}{u^3\pi^3v^{3/2}}$	CDIF	AB	L	K
7795	5576	1	$e^{\frac{Exp(w)}{u\pi\sqrt{v}}}$	CDIF	AB	L	E
7796	5577	1	$\log\left(\frac{Exp(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	L	L
7797	5578	1	$\arcsin\left(\frac{Exp(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	L	S
7798	5579	1	$\arctan\left(\frac{Exp(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	L	T
7799	5580	1	$\sqrt{\frac{u^2v\pi^2 - (Exp(w))^2}{u^2v\pi^2}}$	CDIF	AB	L	P
7800	5581	1	$\sqrt{\frac{u^2v\pi^2 + (Exp(w))^2}{u^2v\pi^2}}$	CDIF	AB	L	H
7801	5582	1	$\frac{\sin(w)}{u\pi\sqrt{v}}$	CDIF	AB	S	CD
7802	5583	1	$\frac{u\pi\sqrt{v}}{\sin(w)}$	CDIF	AB	S	CDI
7803	5584	1	$\frac{(\sin(w))^2}{u^2v\pi^2}$	CDIF	AB	S	AB
7804	5585	1	$\sqrt{\frac{\sin(w)}{u\pi\sqrt{v}}}$	CDIF	AB	S	R
7805	5586	1	$\frac{(\sin(w))^3}{u^3\pi^3v^{3/2}}$	CDIF	AB	S	K
7806	5587	1	$e^{\frac{\sin(w)}{u\pi\sqrt{v}}}$	CDIF	AB	S	E
7807	5588	1	$\log\left(\frac{\sin(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	S	L

7808	5589	1	$\arcsin\left(\frac{\sin(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	S	S
7809	5590	1	$\arctan\left(\frac{\sin(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	S	T
7810	5591	1	$\sqrt{\frac{u^2v\pi^2 - 1 + (\cos(w))^2}{u^2v\pi^2}}$	CDIF	AB	S	P
7811	5592	1	$\sqrt{\frac{u^2v\pi^2 + 1 - (\cos(w))^2}{u^2v\pi^2}}$	CDIF	AB	S	H
7812	5593	1	$\frac{\tan(w)}{u\pi\sqrt{v}}$	CDIF	AB	T	CD
7813	5594	1	$\frac{u\pi\sqrt{v}}{\tan(w)}$	CDIF	AB	T	CDI
7814	5595	1	$\frac{(\tan(w))^2}{u^2v\pi^2}$	CDIF	AB	T	AB
7815	5596	1	$\sqrt{\frac{\tan(w)}{u\pi\sqrt{v}}}$	CDIF	AB	T	R
7816	5597	1	$\frac{(\tan(w))^3}{u^3\pi^3v^{3/2}}$	CDIF	AB	T	K
7817	5598	1	$e^{\frac{\tan(w)}{u\pi\sqrt{v}}}$	CDIF	AB	T	E
7818	5599	1	$\log\left(\frac{\tan(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	T	L
7819	5600	1	$\arcsin\left(\frac{\tan(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	T	S
7820	5601	1	$\arctan\left(\frac{\tan(w)}{u\pi\sqrt{v}}\right)$	CDIF	AB	T	T
7821	5602	1	$\sqrt{\frac{u^2v\pi^2 - (\tan(w))^2}{u^2v\pi^2}}$	CDIF	AB	T	P

7822	5603	1	$\sqrt{\frac{u^2 v \pi^2 + (\tan(w))^2}{u^2 v \pi^2}}$	CDIF	AB	T	H
7823	5604	1	$\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}$	CDIF	AB	P	CD
7824	5605	1	$\frac{u\pi\sqrt{v}}{\sqrt{1-w^2}}$	CDIF	AB	P	CDI
7825	5606	1	$-\frac{-1+w^2}{u^2 v \pi^2}$	CDIF	AB	P	AB
7826	5607	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}}$	CDIF	AB	P	R
7827	5608	1	$\frac{(1-w^2)^{3/2}}{u^3 \pi^3 v^{3/2}}$	CDIF	AB	P	K
7828	5609	1	$e^{\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}}$	CDIF	AB	P	E
7829	5610	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	P	L
7830	5611	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	P	S
7831	5612	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	P	T
7832	5613	1	$\sqrt{\frac{u^2 v \pi^2 - 1 + w^2}{u^2 v \pi^2}}$	CDIF	AB	P	P
7833	5613	2	$\sqrt{\frac{u^2 v \pi^2 - 1 + w^2}{u^2 v \pi^2}}$	CDIF	AB	H	H
7834	5614	1	$\sqrt{\frac{u^2 v \pi^2 + 1 - w^2}{u^2 v \pi^2}}$	CDIF	AB	P	H
7835	5614	2	$\sqrt{\frac{u^2 v \pi^2 + 1 - w^2}{u^2 v \pi^2}}$	CDIF	AB	H	P

7836	5615	1	$\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}$	CDIF	AB	H	CD
7837	5616	1	$\frac{u\pi\sqrt{v}}{\sqrt{-1+w^2}}$	CDIF	AB	H	CDI
7838	5617	1	$\frac{-1+w^2}{u^2v\pi^2}$	CDIF	AB	H	AB
7839	5618	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}}$	CDIF	AB	H	R
7840	5619	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3v^{3/2}}$	CDIF	AB	H	K
7841	5620	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}}$	CDIF	AB	H	E
7842	5621	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	H	L
7843	5622	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	H	S
7844	5623	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{v}}\right)$	CDIF	AB	H	T
7845	5624	1	$\frac{w}{uv^2\pi^2}$	CDIF	R	CDF	CD
7846	5625	1	$\frac{uv^2\pi^2}{w}$	CDIF	R	CDF	CDI
7847	5626	1	$\frac{w^2}{u^2\pi^4v^4}$	CDIF	R	CDF	AB
7848	5627	1	$\sqrt{\frac{w}{uv^2\pi^2}}$	CDIF	R	CDF	R
7849	5628	1	$\frac{w^3}{u^3\pi^6v^6}$	CDIF	R	CDF	K

7850	5629	1	$e^{\frac{w}{uv^2\pi^2}}$	CDIF	R	CDF	E
7851	5630	1	$\log\left(\frac{w}{uv^2\pi^2}\right)$	CDIF	R	CDF	L
7852	5631	1	$\arcsin\left(\frac{w}{uv^2\pi^2}\right)$	CDIF	R	CDF	S
7853	5632	1	$\arctan\left(\frac{w}{uv^2\pi^2}\right)$	CDIF	R	CDF	T
7854	5633	1	$\sqrt{\frac{u^2\pi^4v^4 - w^2}{u^2\pi^4v^4}}$	CDIF	R	CDF	P
7855	5634	1	$\sqrt{\frac{u^2\pi^4v^4 + w^2}{u^2\pi^4v^4}}$	CDIF	R	CDF	H
7856	5635	1	$\frac{1}{u\pi^2v^2w}$	CDIF	R	CDIF	CD
7857	5636	1	$u\pi^2v^2w$	CDIF	R	CDIF	CDI
7858	5636	2	$u\pi^2v^2w$	AB	CDIF	AB	AB
7859	5637	1	$\frac{1}{u^2\pi^4v^4w^2}$	CDIF	R	CDIF	AB
7860	5638	1	$\sqrt{\frac{1}{u\pi^2v^2w}}$	CDIF	R	CDIF	R
7861	5639	1	$\frac{1}{u^3\pi^6v^6w^3}$	CDIF	R	CDIF	K
7862	5640	1	$e^{\frac{1}{u\pi^2v^2w}}$	CDIF	R	CDIF	E
7863	5641	1	$\log\left(\frac{1}{u\pi^2v^2w}\right)$	CDIF	R	CDIF	L
7864	5642	1	$\arcsin\left(\frac{1}{u\pi^2v^2w}\right)$	CDIF	R	CDIF	S
7865	5643	1	$\arctan\left(\frac{1}{u\pi^2v^2w}\right)$	CDIF	R	CDIF	T

7866	5644	1	$\sqrt{\frac{u^2\pi^4v^4w^2-1}{u^2\pi^4v^4w^2}}$	CDIF	R	CDIF	P
7867	5645	1	$\sqrt{\frac{u^2\pi^4v^4w^2+1}{u^2\pi^4v^4w^2}}$	CDIF	R	CDIF	H
7868	5646	1	$\frac{\sqrt{w}}{u\pi v^2}$	CDIF	R	AB	CD
7869	5647	1	$\frac{u\pi v^2}{\sqrt{w}}$	CDIF	R	AB	CDI
7870	5648	1	$\frac{w}{u^2v^4\pi^2}$	CDIF	R	AB	AB
7871	5649	1	$\sqrt{\frac{\sqrt{w}}{u\pi v^2}}$	CDIF	R	AB	R
7872	5650	1	$\frac{w^{3/2}}{u^3\pi^3v^6}$	CDIF	R	AB	K
7873	5651	1	$e^{\frac{\sqrt{w}}{u\pi v^2}}$	CDIF	R	AB	E
7874	5652	1	$\log\left(\frac{\sqrt{w}}{u\pi v^2}\right)$	CDIF	R	AB	L
7875	5653	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi v^2}\right)$	CDIF	R	AB	S
7876	5654	1	$\arctan\left(\frac{\sqrt{w}}{u\pi v^2}\right)$	CDIF	R	AB	T
7877	5655	1	$\sqrt{\frac{u^2v^4\pi^2-w}{u^2v^4\pi^2}}$	CDIF	R	AB	P
7878	5656	1	$\sqrt{\frac{u^2v^4\pi^2+w}{u^2v^4\pi^2}}$	CDIF	R	AB	H
7879	5657	1	$\frac{w^2}{u\pi v^2}$	CDIF	R	R	CD
7880	5658	1	$\frac{u\pi v^2}{w^2}$	CDIF	R	R	CDI

7881	5659	1	$\frac{w^4}{u^2 v^4 \pi^2}$	CDIF	R	R	AB
7882	5660	1	$\sqrt{\frac{w^2}{u \pi v^2}}$	CDIF	R	R	R
7883	5661	1	$\frac{w^6}{u^3 \pi^3 v^6}$	CDIF	R	R	K
7884	5662	1	$e^{\frac{w^2}{u \pi v^2}}$	CDIF	R	R	E
7885	5663	1	$\log\left(\frac{w^2}{u \pi v^2}\right)$	CDIF	R	R	L
7886	5664	1	$\arcsin\left(\frac{w^2}{u \pi v^2}\right)$	CDIF	R	R	S
7887	5665	1	$\arctan\left(\frac{w^2}{u \pi v^2}\right)$	CDIF	R	R	T
7888	5666	1	$\sqrt{\frac{u^2 v^4 \pi^2 - w^4}{u^2 v^4 \pi^2}}$	CDIF	R	R	P
7889	5667	1	$\sqrt{\frac{u^2 v^4 \pi^2 + w^4}{u^2 v^4 \pi^2}}$	CDIF	R	R	H
7890	5668	1	$\frac{\sqrt[3]{w}}{u \pi v^2}$	CDIF	R	K	CD
7891	5669	1	$\frac{u \pi v^2}{\sqrt[3]{w}}$	CDIF	R	K	CDI
7892	5670	1	$\frac{w^{2/3}}{u^2 v^4 \pi^2}$	CDIF	R	K	AB
7893	5671	1	$\sqrt{\frac{\sqrt[3]{w}}{u \pi v^2}}$	CDIF	R	K	R
7894	5672	1	$\frac{w}{u^3 \pi^3 v^6}$	CDIF	R	K	K

7895	5673	1	$e^{\frac{\sqrt[3]{w}}{u\pi v^2}}$	CDIF	R	K	E
7896	5674	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi v^2}\right)$	CDIF	R	K	L
7897	5675	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi v^2}\right)$	CDIF	R	K	S
7898	5676	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi v^2}\right)$	CDIF	R	K	T
7899	5677	1	$\sqrt{\frac{u^2 v^4 \pi^2 - w^{2/3}}{u^2 v^4 \pi^2}}$	CDIF	R	K	P
7900	5678	1	$\sqrt{\frac{u^2 v^4 \pi^2 + w^{2/3}}{u^2 v^4 \pi^2}}$	CDIF	R	K	H
7901	5679	1	$\frac{\ln(w)}{u\pi v^2}$	CDIF	R	E	CD
7902	5680	1	$\frac{u\pi v^2}{\ln(w)}$	CDIF	R	E	CDI
7903	5681	1	$\frac{(\ln(w))^2}{u^2 v^4 \pi^2}$	CDIF	R	E	AB
7904	5682	1	$\sqrt{\frac{\ln(w)}{u\pi v^2}}$	CDIF	R	E	R
7905	5683	1	$\frac{(\ln(w))^3}{u^3 \pi^3 v^6}$	CDIF	R	E	K
7906	5684	1	$w^{\frac{1}{u\pi v^2}}$	CDIF	R	E	E
7907	5685	1	$\log\left(\frac{\ln(w)}{u\pi v^2}\right)$	CDIF	R	E	L
7908	5686	1	$\arcsin\left(\frac{\ln(w)}{u\pi v^2}\right)$	CDIF	R	E	S
7909	5687	1	$\arctan\left(\frac{\ln(w)}{u\pi v^2}\right)$	CDIF	R	E	T

7910	5688	1	$\sqrt{\frac{u^2 v^4 \pi^2 - (\ln(w))^2}{u^2 v^4 \pi^2}}$	CDIF	R	E	P
7911	5689	1	$\sqrt{\frac{u^2 v^4 \pi^2 + (\ln(w))^2}{u^2 v^4 \pi^2}}$	CDIF	R	E	H
7912	5690	1	$\frac{\text{Exp}(w)}{u \pi v^2}$	CDIF	R	L	CD
7913	5691	1	$\frac{u \pi v^2}{\text{Exp}(w)}$	CDIF	R	L	CDI
7914	5692	1	$\frac{(\text{Exp}(w))^2}{u^2 v^4 \pi^2}$	CDIF	R	L	AB
7915	5693	1	$\sqrt{\frac{\text{Exp}(w)}{u \pi v^2}}$	CDIF	R	L	R
7916	5694	1	$\frac{(\text{Exp}(w))^3}{u^3 \pi^3 v^6}$	CDIF	R	L	K
7917	5695	1	$e^{\frac{\text{Exp}(w)}{u \pi v^2}}$	CDIF	R	L	E
7918	5696	1	$\log\left(\frac{\text{Exp}(w)}{u \pi v^2}\right)$	CDIF	R	L	L
7919	5697	1	$\arcsin\left(\frac{\text{Exp}(w)}{u \pi v^2}\right)$	CDIF	R	L	S
7920	5698	1	$\arctan\left(\frac{\text{Exp}(w)}{u \pi v^2}\right)$	CDIF	R	L	T
7921	5699	1	$\sqrt{\frac{u^2 v^4 \pi^2 - (\text{Exp}(w))^2}{u^2 v^4 \pi^2}}$	CDIF	R	L	P
7922	5700	1	$\sqrt{\frac{u^2 v^4 \pi^2 + (\text{Exp}(w))^2}{u^2 v^4 \pi^2}}$	CDIF	R	L	H
7923	5701	1	$\frac{\sin(w)}{u \pi v^2}$	CDIF	R	S	CD

7924	5702	1	$\frac{u\pi v^2}{\sin(w)}$	CDIF	R	S	CDI
7925	5703	1	$\frac{(\sin(w))^2}{u^2v^4\pi^2}$	CDIF	R	S	AB
7926	5704	1	$\sqrt{\frac{\sin(w)}{u\pi v^2}}$	CDIF	R	S	R
7927	5705	1	$\frac{(\sin(w))^3}{u^3\pi^3v^6}$	CDIF	R	S	K
7928	5706	1	$e^{\frac{\sin(w)}{u\pi v^2}}$	CDIF	R	S	E
7929	5707	1	$\log\left(\frac{\sin(w)}{u\pi v^2}\right)$	CDIF	R	S	L
7930	5708	1	$\arcsin\left(\frac{\sin(w)}{u\pi v^2}\right)$	CDIF	R	S	S
7931	5709	1	$\arctan\left(\frac{\sin(w)}{u\pi v^2}\right)$	CDIF	R	S	T
7932	5710	1	$\sqrt{\frac{u^2v^4\pi^2 - 1 + (\cos(w))^2}{u^2v^4\pi^2}}$	CDIF	R	S	P
7933	5711	1	$\sqrt{\frac{u^2v^4\pi^2 + 1 - (\cos(w))^2}{u^2v^4\pi^2}}$	CDIF	R	S	H
7934	5712	1	$\frac{\tan(w)}{u\pi v^2}$	CDIF	R	T	CD
7935	5713	1	$\frac{u\pi v^2}{\tan(w)}$	CDIF	R	T	CDI
7936	5714	1	$\frac{(\tan(w))^2}{u^2v^4\pi^2}$	CDIF	R	T	AB
7937	5715	1	$\sqrt{\frac{\tan(w)}{u\pi v^2}}$	CDIF	R	T	R

7938	5716	1	$\frac{(\tan(w))^3}{u^3\pi^3v^6}$	CDIF	R	T	K
7939	5717	1	$e^{\frac{\tan(w)}{u\pi v^2}}$	CDIF	R	T	E
7940	5718	1	$\log\left(\frac{\tan(w)}{u\pi v^2}\right)$	CDIF	R	T	L
7941	5719	1	$\arcsin\left(\frac{\tan(w)}{u\pi v^2}\right)$	CDIF	R	T	S
7942	5720	1	$\arctan\left(\frac{\tan(w)}{u\pi v^2}\right)$	CDIF	R	T	T
7943	5721	1	$\sqrt{\frac{u^2v^4\pi^2 - (\tan(w))^2}{u^2v^4\pi^2}}$	CDIF	R	T	P
7944	5722	1	$\sqrt{\frac{u^2v^4\pi^2 + (\tan(w))^2}{u^2v^4\pi^2}}$	CDIF	R	T	H
7945	5723	1	$\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}$	CDIF	R	P	CD
7946	5724	1	$\frac{u\pi v^2}{\sqrt{1-w^2}}$	CDIF	R	P	CDI
7947	5725	1	$-\frac{-1+w^2}{u^2v^4\pi^2}$	CDIF	R	P	AB
7948	5726	1	$\sqrt{\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}}$	CDIF	R	P	R
7949	5727	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3v^6}$	CDIF	R	P	K
7950	5728	1	$e^{\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}}$	CDIF	R	P	E
7951	5729	1	$\log\left(\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	P	L

7952	5730	1	$\arcsin\left(\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	P	S
7953	5731	1	$\arctan\left(\frac{\sqrt{-(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	P	T
7954	5732	1	$\sqrt{\frac{u^2 v^4 \pi^2 - 1 + w^2}{u^2 v^4 \pi^2}}$	CDIF	R	P	P
7955	5732	2	$\sqrt{\frac{u^2 v^4 \pi^2 - 1 + w^2}{u^2 v^4 \pi^2}}$	CDIF	R	H	H
7956	5733	1	$\sqrt{\frac{u^2 v^4 \pi^2 + 1 - w^2}{u^2 v^4 \pi^2}}$	CDIF	R	P	H
7957	5733	2	$\sqrt{\frac{u^2 v^4 \pi^2 + 1 - w^2}{u^2 v^4 \pi^2}}$	CDIF	R	H	P
7958	5734	1	$\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}$	CDIF	R	H	CD
7959	5735	1	$\frac{u\pi v^2}{\sqrt{-1+w^2}}$	CDIF	R	H	CDI
7960	5736	1	$\frac{-1+w^2}{u^2 v^4 \pi^2}$	CDIF	R	H	AB
7961	5737	1	$\sqrt{\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}}$	CDIF	R	H	R
7962	5738	1	$\frac{(-1+w^2)^{3/2}}{u^3 \pi^3 v^6}$	CDIF	R	H	K
7963	5739	1	$e^{\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}}$	CDIF	R	H	E
7964	5740	1	$\log\left(\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	H	L
7965	5741	1	$\arcsin\left(\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	H	S

7966	5742	1	$\arctan\left(\frac{\sqrt{(w-1)(w+1)}}{u\pi v^2}\right)$	CDIF	R	H	T
7967	5743	1	$\frac{w}{u\pi^2\sqrt[3]{v}}$	CDIF	K	CDF	CD
7968	5744	1	$\frac{u\pi^2\sqrt[3]{v}}{w}$	CDIF	K	CDF	CDI
7969	5745	1	$\frac{w^2}{u^2\pi^4v^{2/3}}$	CDIF	K	CDF	AB
7970	5746	1	$\sqrt{\frac{w}{u\pi^2\sqrt[3]{v}}}$	CDIF	K	CDF	R
7971	5747	1	$\frac{w^3}{u^3\pi^6v}$	CDIF	K	CDF	K
7972	5748	1	$e^{\frac{w}{u\pi^2\sqrt[3]{v}}}$	CDIF	K	CDF	E
7973	5749	1	$\log\left(\frac{w}{u\pi^2\sqrt[3]{v}}\right)$	CDIF	K	CDF	L
7974	5750	1	$\arcsin\left(\frac{w}{u\pi^2\sqrt[3]{v}}\right)$	CDIF	K	CDF	S
7975	5751	1	$\arctan\left(\frac{w}{u\pi^2\sqrt[3]{v}}\right)$	CDIF	K	CDF	T
7976	5752	1	$\sqrt{\frac{u^2\pi^4v^{2/3}-w^2}{u^2\pi^4v^{2/3}}}$	CDIF	K	CDF	P
7977	5753	1	$\sqrt{\frac{u^2\pi^4v^{2/3}+w^2}{u^2\pi^4v^{2/3}}}$	CDIF	K	CDF	H
7978	5754	1	$\frac{1}{u\pi^2\sqrt[3]{v}w}$	CDIF	K	CDIF	CD
7979	5755	1	$u\pi^2\sqrt[3]{v}w$	CDIF	K	CDIF	CDI
7980	5756	1	$\frac{1}{u^2\pi^4v^{2/3}w^2}$	CDIF	K	CDIF	AB

7981	5757	1	$\sqrt{\frac{1}{u\pi^2\sqrt[3]{vw}}}$	CDIF	K	CDIF	R
7982	5758	1	$\frac{1}{u^3\pi^6vw^3}$	CDIF	K	CDIF	K
7983	5759	1	$e^{\frac{1}{u\pi^2\sqrt[3]{vw}}}$	CDIF	K	CDIF	E
7984	5760	1	$\log\left(\frac{1}{u\pi^2\sqrt[3]{vw}}\right)$	CDIF	K	CDIF	L
7985	5761	1	$\arcsin\left(\frac{1}{u\pi^2\sqrt[3]{vw}}\right)$	CDIF	K	CDIF	S
7986	5762	1	$\arctan\left(\frac{1}{u\pi^2\sqrt[3]{vw}}\right)$	CDIF	K	CDIF	T
7987	5763	1	$\sqrt{\frac{u^2\pi^4v^{2/3}w^2-1}{u^2\pi^4v^{2/3}w^2}}$	CDIF	K	CDIF	P
7988	5764	1	$\sqrt{\frac{u^2\pi^4v^{2/3}w^2+1}{u^2\pi^4v^{2/3}w^2}}$	CDIF	K	CDIF	H
7989	5765	1	$\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}$	CDIF	K	AB	CD
7990	5766	1	$\frac{u\pi\sqrt[3]{v}}{\sqrt{w}}$	CDIF	K	AB	CDI
7991	5767	1	$\frac{w}{u^2v^{2/3}\pi^2}$	CDIF	K	AB	AB
7992	5768	1	$\sqrt{\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}}$	CDIF	K	AB	R
7993	5769	1	$\frac{w^{3/2}}{u^3\pi^3v}$	CDIF	K	AB	K
7994	5770	1	$e^{\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}}$	CDIF	K	AB	E
7995	5771	1	$\log\left(\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	AB	L

7996	5772	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	AB	S
7997	5773	1	$\arctan\left(\frac{\sqrt{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	AB	T
7998	5774	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 - w}{u^2v^{2/3}\pi^2}}$	CDIF	K	AB	P
7999	5775	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 + w}{u^2v^{2/3}\pi^2}}$	CDIF	K	AB	H
8000	5776	1	$\frac{w^2}{u\pi\sqrt[3]{v}}$	CDIF	K	R	CD
8001	5777	1	$\frac{u\pi\sqrt[3]{v}}{w^2}$	CDIF	K	R	CDI
8002	5778	1	$\frac{w^4}{u^2v^{2/3}\pi^2}$	CDIF	K	R	AB
8003	5779	1	$\sqrt{\frac{w^2}{u\pi\sqrt[3]{v}}}$	CDIF	K	R	R
8004	5780	1	$\frac{w^6}{u^3\pi^3v}$	CDIF	K	R	K
8005	5781	1	$e^{\frac{w^2}{u\pi\sqrt[3]{v}}}$	CDIF	K	R	E
8006	5782	1	$\log\left(\frac{w^2}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	R	L
8007	5783	1	$\arcsin\left(\frac{w^2}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	R	S
8008	5784	1	$\arctan\left(\frac{w^2}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	R	T
8009	5785	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 - w^4}{u^2v^{2/3}\pi^2}}$	CDIF	K	R	P

8010	5786	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 + w^4}{u^2 v^{2/3} \pi^2}}$	CDIF	K	R	H
8011	5787	1	$\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}$	CDIF	K	K	CD
8012	5788	1	$\frac{u\pi\sqrt[3]{v}}{\sqrt[3]{w}}$	CDIF	K	K	CDI
8013	5789	1	$\frac{w^{2/3}}{u^2 v^{2/3} \pi^2}$	CDIF	K	K	AB
8014	5790	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}}$	CDIF	K	K	R
8015	5791	1	$\frac{w}{u^3 \pi^3 v}$	CDIF	K	K	K
8016	5792	1	$e^{\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}}$	CDIF	K	K	E
8017	5793	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	K	L
8018	5794	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	K	S
8019	5795	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	K	T
8020	5796	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 - w^{2/3}}{u^2 v^{2/3} \pi^2}}$	CDIF	K	K	P
8021	5797	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 + w^{2/3}}{u^2 v^{2/3} \pi^2}}$	CDIF	K	K	H
8022	5798	1	$\frac{\ln(w)}{u\pi\sqrt[3]{v}}$	CDIF	K	E	CD
8023	5799	1	$\frac{u\pi\sqrt[3]{v}}{\ln(w)}$	CDIF	K	E	CDI
8024	5800	1	$\frac{(\ln(w))^2}{u^2 v^{2/3} \pi^2}$	CDIF	K	E	AB

8025	5801	1	$\sqrt{\frac{\ln(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	E	R
8026	5802	1	$\frac{(\ln(w))^3}{u^3\pi^3v}$	CDIF	K	E	K
8027	5803	1	$w^{\frac{1}{u\pi\sqrt[3]{v}}}$	CDIF	K	E	E
8028	5804	1	$\log\left(\frac{\ln(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	E	L
8029	5805	1	$\arcsin\left(\frac{\ln(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	E	S
8030	5806	1	$\arctan\left(\frac{\ln(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	E	T
8031	5807	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 - (\ln(w))^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	E	P
8032	5808	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 + (\ln(w))^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	E	H
8033	5809	1	$\frac{Exp(w)}{u\pi\sqrt[3]{v}}$	CDIF	K	L	CD
8034	5810	1	$\frac{u\pi\sqrt[3]{v}}{Exp(w)}$	CDIF	K	L	CDI
8035	5811	1	$\frac{(Exp(w))^2}{u^2v^{2/3}\pi^2}$	CDIF	K	L	AB
8036	5812	1	$\sqrt{\frac{Exp(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	L	R
8037	5813	1	$\frac{(Exp(w))^3}{u^3\pi^3v}$	CDIF	K	L	K
8038	5814	1	$e^{\frac{Exp(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	L	E

8039	5815	1	$\log\left(\frac{\text{Exp}(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	L	L
8040	5816	1	$\arcsin\left(\frac{\text{Exp}(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	L	S
8041	5817	1	$\arctan\left(\frac{\text{Exp}(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	L	T
8042	5818	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 - (\text{Exp}(w))^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	L	P
8043	5819	1	$\sqrt{\frac{u^2v^{2/3}\pi^2 + (\text{Exp}(w))^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	L	H
8044	5820	1	$\frac{\sin(w)}{u\pi\sqrt[3]{v}}$	CDIF	K	S	CD
8045	5821	1	$\frac{u\pi\sqrt[3]{v}}{\sin(w)}$	CDIF	K	S	CDI
8046	5822	1	$\frac{(\sin(w))^2}{u^2v^{2/3}\pi^2}$	CDIF	K	S	AB
8047	5823	1	$\sqrt{\frac{\sin(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	S	R
8048	5824	1	$\frac{(\sin(w))^3}{u^3\pi^3v}$	CDIF	K	S	K
8049	5825	1	$e^{\frac{\sin(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	S	E
8050	5826	1	$\log\left(\frac{\sin(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	S	L
8051	5827	1	$\arcsin\left(\frac{\sin(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	S	S
8052	5828	1	$\arctan\left(\frac{\sin(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	S	T

8053	5829	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 + (\cos(w))^2 - 1}{u^2 v^{2/3} \pi^2}}$	CDIF	K	S	P
8054	5830	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 - (\cos(w))^2 + 1}{u^2 v^{2/3} \pi^2}}$	CDIF	K	S	H
8055	5831	1	$\frac{\tan(w)}{u\pi\sqrt[3]{v}}$	CDIF	K	T	CD
8056	5832	1	$\frac{u\pi\sqrt[3]{v}}{\tan(w)}$	CDIF	K	T	CDI
8057	5833	1	$\frac{(\tan(w))^2}{u^2 v^{2/3} \pi^2}$	CDIF	K	T	AB
8058	5834	1	$\sqrt{\frac{\tan(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	T	R
8059	5835	1	$\frac{(\tan(w))^3}{u^3 \pi^3 v}$	CDIF	K	T	K
8060	5836	1	$e^{\frac{\tan(w)}{u\pi\sqrt[3]{v}}}$	CDIF	K	T	E
8061	5837	1	$\log\left(\frac{\tan(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	T	L
8062	5838	1	$\arcsin\left(\frac{\tan(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	T	S
8063	5839	1	$\arctan\left(\frac{\tan(w)}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	T	T
8064	5840	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 - (\tan(w))^2}{u^2 v^{2/3} \pi^2}}$	CDIF	K	T	P
8065	5841	1	$\sqrt{\frac{u^2 v^{2/3} \pi^2 + (\tan(w))^2}{u^2 v^{2/3} \pi^2}}$	CDIF	K	T	H
8066	5842	1	$\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}$	CDIF	K	P	CD

8067	5843	1	$\frac{u\pi\sqrt[3]{v}}{\sqrt{1-w^2}}$	CDIF	K	P	CDI
8068	5844	1	$-\frac{-1+w^2}{u^2v^{2/3}\pi^2}$	CDIF	K	P	AB
8069	5845	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}}$	CDIF	K	P	R
8070	5846	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3v}$	CDIF	K	P	K
8071	5847	1	$e^{\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}}$	CDIF	K	P	E
8072	5848	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	P	L
8073	5849	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	P	S
8074	5850	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	P	T
8075	5851	1	$\sqrt{\frac{u^2v^{2/3}\pi^2-1+w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	P	P
8076	5851	2	$\sqrt{\frac{u^2v^{2/3}\pi^2-1+w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	H	H
8077	5852	1	$\sqrt{\frac{u^2v^{2/3}\pi^2+1-w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	P	H
8078	5852	2	$\sqrt{\frac{u^2v^{2/3}\pi^2+1-w^2}{u^2v^{2/3}\pi^2}}$	CDIF	K	H	P
8079	5853	1	$\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}$	CDIF	K	H	CD
8080	5854	1	$\frac{u\pi\sqrt[3]{v}}{\sqrt{-1+w^2}}$	CDIF	K	H	CDI
8081	5855	1	$\frac{-1+w^2}{u^2v^{2/3}\pi^2}$	CDIF	K	H	AB

8082	5856	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}}$	CDIF	K	H	R
8083	5857	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3v}$	CDIF	K	H	K
8084	5858	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}}$	CDIF	K	H	E
8085	5859	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	H	L
8086	5860	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	H	S
8087	5861	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt[3]{v}}\right)$	CDIF	K	H	T
8088	5862	1	$\frac{w}{u\pi^2\ln(v)}$	CDIF	E	CDF	CD
8089	5863	1	$\frac{u\pi^2\ln(v)}{w}$	CDIF	E	CDF	CDI
8090	5864	1	$\frac{w^2}{u^2\pi^4(\ln(v))^2}$	CDIF	E	CDF	AB
8091	5865	1	$\sqrt{\frac{w}{u\pi^2\ln(v)}}$	CDIF	E	CDF	R
8092	5866	1	$\frac{w^3}{u^3\pi^6(\ln(v))^3}$	CDIF	E	CDF	K
8093	5867	1	$e^{\frac{w}{u\pi^2\ln(v)}}$	CDIF	E	CDF	E
8094	5868	1	$\log\left(\frac{w}{u\pi^2\ln(v)}\right)$	CDIF	E	CDF	L
8095	5869	1	$\arcsin\left(\frac{w}{u\pi^2\ln(v)}\right)$	CDIF	E	CDF	S

8096	5870	1	$\arctan\left(\frac{w}{u\pi^2 \ln(v)}\right)$	CDIF	E	CDF	T
8097	5871	1	$\sqrt{\frac{u^2\pi^4 (\ln(v))^2 - w^2}{u^2\pi^4 (\ln(v))^2}}$	CDIF	E	CDF	P
8098	5872	1	$\sqrt{\frac{u^2\pi^4 (\ln(v))^2 + w^2}{u^2\pi^4 (\ln(v))^2}}$	CDIF	E	CDF	H
8099	5873	1	$\frac{1}{u\pi^2 \ln(v) w}$	CDIF	E	CDIF	CD
8100	5874	1	$u\pi^2 \ln(v) w$	CDIF	E	CDIF	CDI
8101	5875	1	$\frac{1}{u^2\pi^4 (\ln(v))^2 w^2}$	CDIF	E	CDIF	AB
8102	5876	1	$\sqrt{\frac{1}{u\pi^2 \ln(v) w}}$	CDIF	E	CDIF	R
8103	5877	1	$\frac{1}{u^3\pi^6 (\ln(v))^3 w^3}$	CDIF	E	CDIF	K
8104	5878	1	$e^{\frac{1}{u\pi^2 \ln(v) w}}$	CDIF	E	CDIF	E
8105	5879	1	$\log\left(\frac{1}{u\pi^2 \ln(v) w}\right)$	CDIF	E	CDIF	L
8106	5880	1	$\arcsin\left(\frac{1}{u\pi^2 \ln(v) w}\right)$	CDIF	E	CDIF	S
8107	5881	1	$\arctan\left(\frac{1}{u\pi^2 \ln(v) w}\right)$	CDIF	E	CDIF	T
8108	5882	1	$\sqrt{\frac{u^2\pi^4 (\ln(v))^2 w^2 - 1}{u^2\pi^4 (\ln(v))^2 w^2}}$	CDIF	E	CDIF	P
8109	5883	1	$\sqrt{\frac{u^2\pi^4 (\ln(v))^2 w^2 + 1}{u^2\pi^4 (\ln(v))^2 w^2}}$	CDIF	E	CDIF	H
8110	5884	1	$\frac{\sqrt{w}}{u\pi \ln(v)}$	CDIF	E	AB	CD

8111	5885	1	$\frac{u\pi \ln(v)}{\sqrt{w}}$	CDIF	E	AB	CDI
8112	5886	1	$\frac{w}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	AB	AB
8113	5887	1	$\sqrt{\frac{\sqrt{w}}{u\pi \ln(v)}}$	CDIF	E	AB	R
8114	5888	1	$\frac{w^{3/2}}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	AB	K
8115	5889	1	$e^{\frac{\sqrt{w}}{u\pi \ln(v)}}$	CDIF	E	AB	E
8116	5890	1	$\log\left(\frac{\sqrt{w}}{u\pi \ln(v)}\right)$	CDIF	E	AB	L
8117	5891	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi \ln(v)}\right)$	CDIF	E	AB	S
8118	5892	1	$\arctan\left(\frac{\sqrt{w}}{u\pi \ln(v)}\right)$	CDIF	E	AB	T
8119	5893	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - w}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	AB	P
8120	5894	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + w}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	AB	H
8121	5895	1	$\frac{w^2}{u\pi \ln(v)}$	CDIF	E	R	CD
8122	5896	1	$\frac{u\pi \ln(v)}{w^2}$	CDIF	E	R	CDI
8123	5897	1	$\frac{w^4}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	R	AB
8124	5898	1	$\sqrt{\frac{w^2}{u\pi \ln(v)}}$	CDIF	E	R	R

8125	5899	1	$\frac{w^6}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	R	K
8126	5900	1	$e^{\frac{w^2}{u \pi \ln(v)}}$	CDIF	E	R	E
8127	5901	1	$\log\left(\frac{w^2}{u \pi \ln(v)}\right)$	CDIF	E	R	L
8128	5902	1	$\arcsin\left(\frac{w^2}{u \pi \ln(v)}\right)$	CDIF	E	R	S
8129	5903	1	$\arctan\left(\frac{w^2}{u \pi \ln(v)}\right)$	CDIF	E	R	T
8130	5904	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - w^4}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	R	P
8131	5905	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + w^4}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	R	H
8132	5906	1	$\frac{\sqrt[3]{w}}{u \pi \ln(v)}$	CDIF	E	K	CD
8133	5907	1	$\frac{u \pi \ln(v)}{\sqrt[3]{w}}$	CDIF	E	K	CDI
8134	5908	1	$\frac{w^{2/3}}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	K	AB
8135	5909	1	$\sqrt{\frac{\sqrt[3]{w}}{u \pi \ln(v)}}$	CDIF	E	K	R
8136	5910	1	$\frac{w}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	K	K
8137	5911	1	$e^{\frac{\sqrt[3]{w}}{u \pi \ln(v)}}$	CDIF	E	K	E
8138	5912	1	$\log\left(\frac{\sqrt[3]{w}}{u \pi \ln(v)}\right)$	CDIF	E	K	L
8139	5913	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u \pi \ln(v)}\right)$	CDIF	E	K	S

8140	5914	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi\ln(v)}\right)$	CDIF	E	K	T
8141	5915	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 - w^{2/3}}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	K	P
8142	5916	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 + w^{2/3}}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	K	H
8143	5917	1	$\frac{\ln(w)}{u\pi\ln(v)}$	CDIF	E	E	CD
8144	5918	1	$\frac{u\pi\ln(v)}{\ln(w)}$	CDIF	E	E	CDI
8145	5919	1	$\frac{(\ln(w))^2}{u^2(\ln(v))^2\pi^2}$	CDIF	E	E	AB
8146	5920	1	$\sqrt{\frac{\ln(w)}{u\pi\ln(v)}}$	CDIF	E	E	R
8147	5921	1	$\frac{(\ln(w))^3}{u^3\pi^3(\ln(v))^3}$	CDIF	E	E	K
8148	5922	1	$w^{\frac{1}{u\pi\ln(v)}}$	CDIF	E	E	E
8149	5923	1	$\log\left(\frac{\ln(w)}{u\pi\ln(v)}\right)$	CDIF	E	E	L
8150	5924	1	$\arcsin\left(\frac{\ln(w)}{u\pi\ln(v)}\right)$	CDIF	E	E	S
8151	5925	1	$\arctan\left(\frac{\ln(w)}{u\pi\ln(v)}\right)$	CDIF	E	E	T
8152	5926	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 - (\ln(w))^2}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	E	P
8153	5927	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 + (\ln(w))^2}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	E	H

8154	5928	1	$\frac{Exp(w)}{u\pi \ln(v)}$	CDIF	E	L	CD
8155	5929	1	$\frac{u\pi \ln(v)}{Exp(w)}$	CDIF	E	L	CDI
8156	5930	1	$\frac{(Exp(w))^2}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	L	AB
8157	5931	1	$\sqrt{\frac{Exp(w)}{u\pi \ln(v)}}$	CDIF	E	L	R
8158	5932	1	$\frac{(Exp(w))^3}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	L	K
8159	5933	1	$e^{\frac{Exp(w)}{u\pi \ln(v)}}$	CDIF	E	L	E
8160	5934	1	$\log\left(\frac{Exp(w)}{u\pi \ln(v)}\right)$	CDIF	E	L	L
8161	5935	1	$\arcsin\left(\frac{Exp(w)}{u\pi \ln(v)}\right)$	CDIF	E	L	S
8162	5936	1	$\arctan\left(\frac{Exp(w)}{u\pi \ln(v)}\right)$	CDIF	E	L	T
8163	5937	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - (Exp(w))^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	L	P
8164	5938	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + (Exp(w))^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	L	H
8165	5939	1	$\frac{\sin(w)}{u\pi \ln(v)}$	CDIF	E	S	CD
8166	5940	1	$\frac{u\pi \ln(v)}{\sin(w)}$	CDIF	E	S	CDI
8167	5941	1	$\frac{(\sin(w))^2}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	S	AB

8168	5942	1	$\sqrt{\frac{\sin(w)}{u\pi \ln(v)}}$	CDIF	E	S	R
8169	5943	1	$\frac{(\sin(w))^3}{u^3\pi^3(\ln(v))^3}$	CDIF	E	S	K
8170	5944	1	$e^{\frac{\sin(w)}{u\pi \ln(v)}}$	CDIF	E	S	E
8171	5945	1	$\log\left(\frac{\sin(w)}{u\pi \ln(v)}\right)$	CDIF	E	S	L
8172	5946	1	$\arcsin\left(\frac{\sin(w)}{u\pi \ln(v)}\right)$	CDIF	E	S	S
8173	5947	1	$\arctan\left(\frac{\sin(w)}{u\pi \ln(v)}\right)$	CDIF	E	S	T
8174	5948	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 - 1 + (\cos(w))^2}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	S	P
8175	5949	1	$\sqrt{\frac{u^2(\ln(v))^2\pi^2 + 1 - (\cos(w))^2}{u^2(\ln(v))^2\pi^2}}$	CDIF	E	S	H
8176	5950	1	$\frac{\tan(w)}{u\pi \ln(v)}$	CDIF	E	T	CD
8177	5951	1	$\frac{u\pi \ln(v)}{\tan(w)}$	CDIF	E	T	CDI
8178	5952	1	$\frac{(\tan(w))^2}{u^2(\ln(v))^2\pi^2}$	CDIF	E	T	AB
8179	5953	1	$\sqrt{\frac{\tan(w)}{u\pi \ln(v)}}$	CDIF	E	T	R
8180	5954	1	$\frac{(\tan(w))^3}{u^3\pi^3(\ln(v))^3}$	CDIF	E	T	K
8181	5955	1	$e^{\frac{\tan(w)}{u\pi \ln(v)}}$	CDIF	E	T	E

8182	5956	1	$\log \left(\frac{\tan(w)}{u\pi \ln(v)} \right)$	CDIF	E	T	L
8183	5957	1	$\arcsin \left(\frac{\tan(w)}{u\pi \ln(v)} \right)$	CDIF	E	T	S
8184	5958	1	$\arctan \left(\frac{\tan(w)}{u\pi \ln(v)} \right)$	CDIF	E	T	T
8185	5959	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - (\tan(w))^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	T	P
8186	5960	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + (\tan(w))^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	T	H
8187	5961	1	$\frac{\sqrt{1-w^2}}{u\pi \ln(v)}$	CDIF	E	P	CD
8188	5962	1	$\frac{u\pi \ln(v)}{\sqrt{1-w^2}}$	CDIF	E	P	CDI
8189	5963	1	$-\frac{-1+w^2}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	P	AB
8190	5964	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi \ln(v)}}$	CDIF	E	P	R
8191	5965	1	$\frac{(1-w^2)^{3/2}}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	P	K
8192	5966	1	$e^{\frac{\sqrt{1-w^2}}{u\pi \ln(v)}}$	CDIF	E	P	E
8193	5967	1	$\log \left(\frac{\sqrt{1-w^2}}{u\pi \ln(v)} \right)$	CDIF	E	P	L
8194	5968	1	$\arcsin \left(\frac{\sqrt{1-w^2}}{u\pi \ln(v)} \right)$	CDIF	E	P	S
8195	5969	1	$\arctan \left(\frac{\sqrt{1-w^2}}{u\pi \ln(v)} \right)$	CDIF	E	P	T

8196	5970	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - 1 + w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	P	P
8197	5970	2	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 - 1 + w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	H	H
8198	5971	1	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + 1 - w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	P	H
8199	5971	2	$\sqrt{\frac{u^2 (\ln(v))^2 \pi^2 + 1 - w^2}{u^2 (\ln(v))^2 \pi^2}}$	CDIF	E	H	P
8200	5972	1	$\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}$	CDIF	E	H	CD
8201	5973	1	$\frac{u\pi \ln(v)}{\sqrt{-1 + w^2}}$	CDIF	E	H	CDI
8202	5974	1	$\frac{-1 + w^2}{u^2 (\ln(v))^2 \pi^2}$	CDIF	E	H	AB
8203	5975	1	$\sqrt{\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}}$	CDIF	E	H	R
8204	5976	1	$\frac{(-1 + w^2)^{3/2}}{u^3 \pi^3 (\ln(v))^3}$	CDIF	E	H	K
8205	5977	1	$e^{\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}}$	CDIF	E	H	E
8206	5978	1	$\log\left(\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}\right)$	CDIF	E	H	L
8207	5979	1	$\arcsin\left(\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}\right)$	CDIF	E	H	S
8208	5980	1	$\arctan\left(\frac{\sqrt{-1 + w^2}}{u\pi \ln(v)}\right)$	CDIF	E	H	T
8209	5981	1	$\frac{w}{u\pi^2 \text{Exp}(v)}$	CDIF	L	CDF	CD

8210	5982	1	$\frac{u\pi^2 \text{Exp}(v)}{w}$	CDIF	L	CDF	CDI
8211	5983	1	$\frac{w^2}{u^2\pi^4 (\text{Exp}(v))^2}$	CDIF	L	CDF	AB
8212	5984	1	$\sqrt{\frac{w}{u\pi^2 \text{Exp}(v)}}$	CDIF	L	CDF	R
8213	5985	1	$\frac{w^3}{u^3\pi^6 (\text{Exp}(v))^3}$	CDIF	L	CDF	K
8214	5986	1	$e^{\frac{w}{u\pi^2 \text{Exp}(v)}}$	CDIF	L	CDF	E
8215	5987	1	$\log\left(\frac{w}{u\pi^2 \text{Exp}(v)}\right)$	CDIF	L	CDF	L
8216	5988	1	$\arcsin\left(\frac{w}{u\pi^2 \text{Exp}(v)}\right)$	CDIF	L	CDF	S
8217	5989	1	$\arctan\left(\frac{w}{u\pi^2 \text{Exp}(v)}\right)$	CDIF	L	CDF	T
8218	5990	1	$\sqrt{\frac{u^2\pi^4 (\text{Exp}(v))^2 - w^2}{u^2\pi^4 (\text{Exp}(v))^2}}$	CDIF	L	CDF	P
8219	5991	1	$\sqrt{\frac{u^2\pi^4 (\text{Exp}(v))^2 + w^2}{u^2\pi^4 (\text{Exp}(v))^2}}$	CDIF	L	CDF	H
8220	5992	1	$\frac{1}{u\pi^2 \text{Exp}(v) w}$	CDIF	L	CDIF	CD
8221	5993	1	$u\pi^2 \text{Exp}(v) w$	CDIF	L	CDIF	CDI
8222	5994	1	$\frac{1}{u^2\pi^4 (\text{Exp}(v))^2 w^2}$	CDIF	L	CDIF	AB
8223	5995	1	$\sqrt{\frac{1}{u\pi^2 \text{Exp}(v) w}}$	CDIF	L	CDIF	R
8224	5996	1	$\frac{1}{u^3\pi^6 (\text{Exp}(v))^3 w^3}$	CDIF	L	CDIF	K

8225	5997	1	$e^{\frac{1}{u\pi^2 \text{Exp}(v)w}}$	CDIF	L	CDIF	E
8226	5998	1	$\log\left(\frac{1}{u\pi^2 \text{Exp}(v)w}\right)$	CDIF	L	CDIF	L
8227	5999	1	$\arcsin\left(\frac{1}{u\pi^2 \text{Exp}(v)w}\right)$	CDIF	L	CDIF	S
8228	6000	1	$\arctan\left(\frac{1}{u\pi^2 \text{Exp}(v)w}\right)$	CDIF	L	CDIF	T
8229	6001	1	$\sqrt{\frac{u^2\pi^4 (\text{Exp}(v))^2 w^2 - 1}{u^2\pi^4 (\text{Exp}(v))^2 w^2}}$	CDIF	L	CDIF	P
8230	6002	1	$\sqrt{\frac{u^2\pi^4 (\text{Exp}(v))^2 w^2 + 1}{u^2\pi^4 (\text{Exp}(v))^2 w^2}}$	CDIF	L	CDIF	H
8231	6003	1	$\frac{\sqrt{w}}{u\pi \text{Exp}(v)}$	CDIF	L	AB	CD
8232	6004	1	$\frac{u\pi \text{Exp}(v)}{\sqrt{w}}$	CDIF	L	AB	CDI
8233	6005	1	$\frac{w}{u^2 (\text{Exp}(v))^2 \pi^2}$	CDIF	L	AB	AB
8234	6006	1	$\sqrt{\frac{\sqrt{w}}{u\pi \text{Exp}(v)}}$	CDIF	L	AB	R
8235	6007	1	$\frac{w^{3/2}}{u^3 \pi^3 (\text{Exp}(v))^3}$	CDIF	L	AB	K
8236	6008	1	$e^{\frac{\sqrt{w}}{u\pi \text{Exp}(v)}}$	CDIF	L	AB	E
8237	6009	1	$\log\left(\frac{\sqrt{w}}{u\pi \text{Exp}(v)}\right)$	CDIF	L	AB	L
8238	6010	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi \text{Exp}(v)}\right)$	CDIF	L	AB	S

8239	6011	1	$\arctan\left(\frac{\sqrt{w}}{u\pi\text{Exp}(v)}\right)$	CDIF	L	AB	T
8240	6012	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 - w}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	AB	P
8241	6013	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 + w}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	AB	H
8242	6014	1	$\frac{w^2}{u\pi\text{Exp}(v)}$	CDIF	L	R	CD
8243	6015	1	$\frac{u\pi\text{Exp}(v)}{w^2}$	CDIF	L	R	CDI
8244	6016	1	$\frac{w^4}{u^2(\text{Exp}(v))^2\pi^2}$	CDIF	L	R	AB
8245	6017	1	$\sqrt{\frac{w^2}{u\pi\text{Exp}(v)}}$	CDIF	L	R	R
8246	6018	1	$\frac{w^6}{u^3\pi^3(\text{Exp}(v))^3}$	CDIF	L	R	K
8247	6019	1	$e^{\frac{w^2}{u\pi\text{Exp}(v)}}$	CDIF	L	R	E
8248	6020	1	$\log\left(\frac{w^2}{u\pi\text{Exp}(v)}\right)$	CDIF	L	R	L
8249	6021	1	$\arcsin\left(\frac{w^2}{u\pi\text{Exp}(v)}\right)$	CDIF	L	R	S
8250	6022	1	$\arctan\left(\frac{w^2}{u\pi\text{Exp}(v)}\right)$	CDIF	L	R	T
8251	6023	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 - w^4}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	R	P
8252	6024	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 + w^4}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	R	H

8253	6025	1	$\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}$	CDIF	L	K	CD
8254	6026	1	$\frac{u\pi \text{Exp}(v)}{\sqrt[3]{w}}$	CDIF	L	K	CDI
8255	6027	1	$\frac{w^{2/3}}{u^2 (\text{Exp}(v))^2 \pi^2}$	CDIF	L	K	AB
8256	6028	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}}$	CDIF	L	K	R
8257	6029	1	$\frac{w}{u^3 \pi^3 (\text{Exp}(v))^3}$	CDIF	L	K	K
8258	6030	1	$e^{\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}}$	CDIF	L	K	E
8259	6031	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}\right)$	CDIF	L	K	L
8260	6032	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}\right)$	CDIF	L	K	S
8261	6033	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi \text{Exp}(v)}\right)$	CDIF	L	K	T
8262	6034	1	$\sqrt{\frac{u^2 (\text{Exp}(v))^2 \pi^2 - w^{2/3}}{u^2 (\text{Exp}(v))^2 \pi^2}}$	CDIF	L	K	P
8263	6035	1	$\sqrt{\frac{u^2 (\text{Exp}(v))^2 \pi^2 + w^{2/3}}{u^2 (\text{Exp}(v))^2 \pi^2}}$	CDIF	L	K	H
8264	6036	1	$\frac{\ln(w)}{u\pi \text{Exp}(v)}$	CDIF	L	E	CD
8265	6037	1	$\frac{u\pi \text{Exp}(v)}{\ln(w)}$	CDIF	L	E	CDI
8266	6038	1	$\frac{(\ln(w))^2}{u^2 (\text{Exp}(v))^2 \pi^2}$	CDIF	L	E	AB
8267	6039	1	$\sqrt{\frac{\ln(w)}{u\pi \text{Exp}(v)}}$	CDIF	L	E	R

8268	6040	1	$\frac{(\ln(w))^3}{u^3 \pi^3 (Exp(v))^3}$	CDIF	L	E	K
8269	6041	1	$w^{\frac{1}{u\pi Exp(v)}}$	CDIF	L	E	E
8270	6042	1	$\log\left(\frac{\ln(w)}{u\pi Exp(v)}\right)$	CDIF	L	E	L
8271	6043	1	$\arcsin\left(\frac{\ln(w)}{u\pi Exp(v)}\right)$	CDIF	L	E	S
8272	6044	1	$\arctan\left(\frac{\ln(w)}{u\pi Exp(v)}\right)$	CDIF	L	E	T
8273	6045	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - (\ln(w))^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	E	P
8274	6046	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + (\ln(w))^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	E	H
8275	6047	1	$\frac{Exp(w)}{u\pi Exp(v)}$	CDIF	L	L	CD
8276	6048	1	$\frac{u\pi Exp(v)}{Exp(w)}$	CDIF	L	L	CDI
8277	6049	1	$\frac{(Exp(w))^2}{u^2 (Exp(v))^2 \pi^2}$	CDIF	L	L	AB
8278	6050	1	$\sqrt{\frac{Exp(w)}{u\pi Exp(v)}}$	CDIF	L	L	R
8279	6051	1	$\frac{(Exp(w))^3}{u^3 \pi^3 (Exp(v))^3}$	CDIF	L	L	K
8280	6052	1	$e^{\frac{Exp(w)}{u\pi Exp(v)}}$	CDIF	L	L	E
8281	6053	1	$\log\left(\frac{Exp(w)}{u\pi Exp(v)}\right)$	CDIF	L	L	L

8282	6054	1	$\arcsin\left(\frac{\text{Exp}(w)}{u\pi\text{Exp}(v)}\right)$	CDIF	L	L	S
8283	6055	1	$\arctan\left(\frac{\text{Exp}(w)}{u\pi\text{Exp}(v)}\right)$	CDIF	L	L	T
8284	6056	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 - (\text{Exp}(w))^2}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	L	P
8285	6057	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 + (\text{Exp}(w))^2}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	L	H
8286	6058	1	$\frac{\sin(w)}{u\pi\text{Exp}(v)}$	CDIF	L	S	CD
8287	6059	1	$\frac{u\pi\text{Exp}(v)}{\sin(w)}$	CDIF	L	S	CDI
8288	6060	1	$\frac{(\sin(w))^2}{u^2(\text{Exp}(v))^2\pi^2}$	CDIF	L	S	AB
8289	6061	1	$\sqrt{\frac{\sin(w)}{u\pi\text{Exp}(v)}}$	CDIF	L	S	R
8290	6062	1	$\frac{(\sin(w))^3}{u^3\pi^3(\text{Exp}(v))^3}$	CDIF	L	S	K
8291	6063	1	$e^{\frac{\sin(w)}{u\pi\text{Exp}(v)}}$	CDIF	L	S	E
8292	6064	1	$\log\left(\frac{\sin(w)}{u\pi\text{Exp}(v)}\right)$	CDIF	L	S	L
8293	6065	1	$\arcsin\left(\frac{\sin(w)}{u\pi\text{Exp}(v)}\right)$	CDIF	L	S	S
8294	6066	1	$\arctan\left(\frac{\sin(w)}{u\pi\text{Exp}(v)}\right)$	CDIF	L	S	T
8295	6067	1	$\sqrt{\frac{u^2(\text{Exp}(v))^2\pi^2 - 1 + (\cos(w))^2}{u^2(\text{Exp}(v))^2\pi^2}}$	CDIF	L	S	P

8296	6068	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + 1 - (\cos(w))^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	S	H
8297	6069	1	$\frac{\tan(w)}{u\pi Exp(v)}$	CDIF	L	T	CD
8298	6070	1	$\frac{u\pi Exp(v)}{\tan(w)}$	CDIF	L	T	CDI
8299	6071	1	$\frac{(\tan(w))^2}{u^2 (Exp(v))^2 \pi^2}$	CDIF	L	T	AB
8300	6072	1	$\sqrt{\frac{\tan(w)}{u\pi Exp(v)}}$	CDIF	L	T	R
8301	6073	1	$\frac{(\tan(w))^3}{u^3 \pi^3 (Exp(v))^3}$	CDIF	L	T	K
8302	6074	1	$e^{\frac{\tan(w)}{u\pi Exp(v)}}$	CDIF	L	T	E
8303	6075	1	$\log\left(\frac{\tan(w)}{u\pi Exp(v)}\right)$	CDIF	L	T	L
8304	6076	1	$\arcsin\left(\frac{\tan(w)}{u\pi Exp(v)}\right)$	CDIF	L	T	S
8305	6077	1	$\arctan\left(\frac{\tan(w)}{u\pi Exp(v)}\right)$	CDIF	L	T	T
8306	6078	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - (\tan(w))^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	T	P
8307	6079	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + (\tan(w))^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	T	H
8308	6080	1	$\frac{\sqrt{1-w^2}}{u\pi Exp(v)}$	CDIF	L	P	CD
8309	6081	1	$\frac{u\pi Exp(v)}{\sqrt{1-w^2}}$	CDIF	L	P	CDI

8310	6082	1	$-\frac{-1+w^2}{u^2 (Exp(v))^2 \pi^2}$	CDIF	L	P	AB
8311	6083	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi Exp(v)}}$	CDIF	L	P	R
8312	6084	1	$\frac{(1-w^2)^{3/2}}{u^3 \pi^3 (Exp(v))^3}$	CDIF	L	P	K
8313	6085	1	$e^{\frac{\sqrt{1-w^2}}{u\pi Exp(v)}}$	CDIF	L	P	E
8314	6086	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi Exp(v)}\right)$	CDIF	L	P	L
8315	6087	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi Exp(v)}\right)$	CDIF	L	P	S
8316	6088	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi Exp(v)}\right)$	CDIF	L	P	T
8317	6089	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - 1 + w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	P	P
8318	6089	2	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 - 1 + w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	H	H
8319	6090	1	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + 1 - w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	P	H
8320	6090	2	$\sqrt{\frac{u^2 (Exp(v))^2 \pi^2 + 1 - w^2}{u^2 (Exp(v))^2 \pi^2}}$	CDIF	L	H	P
8321	6091	1	$\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}$	CDIF	L	H	CD
8322	6092	1	$\frac{u\pi Exp(v)}{\sqrt{-1+w^2}}$	CDIF	L	H	CDI
8323	6093	1	$\frac{-1+w^2}{u^2 (Exp(v))^2 \pi^2}$	CDIF	L	H	AB

8324	6094	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}}$	CDIF	L	H	R
8325	6095	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3(Exp(v))^3}$	CDIF	L	H	K
8326	6096	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}}$	CDIF	L	H	E
8327	6097	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}\right)$	CDIF	L	H	L
8328	6098	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}\right)$	CDIF	L	H	S
8329	6099	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi Exp(v)}\right)$	CDIF	L	H	T
8330	6100	1	$\frac{w}{u\pi^2 \sin(v)}$	CDIF	S	CDF	CD
8331	6101	1	$\frac{u\pi^2 \sin(v)}{w}$	CDIF	S	CDF	CDI
8332	6102	1	$\frac{w^2}{u^2\pi^4(\sin(v))^2}$	CDIF	S	CDF	AB
8333	6103	1	$\sqrt{\frac{w}{u\pi^2 \sin(v)}}$	CDIF	S	CDF	R
8334	6104	1	$\frac{w^3}{u^3\pi^6(\sin(v))^3}$	CDIF	S	CDF	K
8335	6105	1	$e^{\frac{w}{u\pi^2 \sin(v)}}$	CDIF	S	CDF	E
8336	6106	1	$\log\left(\frac{w}{u\pi^2 \sin(v)}\right)$	CDIF	S	CDF	L
8337	6107	1	$\arcsin\left(\frac{w}{u\pi^2 \sin(v)}\right)$	CDIF	S	CDF	S
8338	6108	1	$\arctan\left(\frac{w}{u\pi^2 \sin(v)}\right)$	CDIF	S	CDF	T

8339	6109	1	$\sqrt{-\frac{w^2 - u^2\pi^4 + u^2\pi^4 (\cos(v))^2}{u^2\pi^4 (\sin(v))^2}}$	CDIF	S	CDF	P
8340	6110	1	$\sqrt{-\frac{-w^2 - u^2\pi^4 + u^2\pi^4 (\cos(v))^2}{u^2\pi^4 (\sin(v))^2}}$	CDIF	S	CDF	H
8341	6111	1	$\frac{1}{wu\pi^2 \sin(v)}$	CDIF	S	CDIF	CD
8342	6112	1	$wu\pi^2 \sin(v)$	CDIF	S	CDIF	CDI
8343	6113	1	$\frac{1}{u^2\pi^4 (\sin(v))^2 w^2}$	CDIF	S	CDIF	AB
8344	6114	1	$\sqrt{\frac{1}{wu\pi^2 \sin(v)}}$	CDIF	S	CDIF	R
8345	6115	1	$\frac{1}{u^3\pi^6 (\sin(v))^3 w^3}$	CDIF	S	CDIF	K
8346	6116	1	$e^{\frac{1}{wu\pi^2 \sin(v)}}$	CDIF	S	CDIF	E
8347	6117	1	$\log\left(\frac{1}{wu\pi^2 \sin(v)}\right)$	CDIF	S	CDIF	L
8348	6118	1	$\arcsin\left(\frac{1}{wu\pi^2 \sin(v)}\right)$	CDIF	S	CDIF	S
8349	6119	1	$\arctan\left(\frac{1}{wu\pi^2 \sin(v)}\right)$	CDIF	S	CDIF	T
8350	6120	1	$\sqrt{-\frac{1 - u^2w^2\pi^4 + w^2u^2\pi^4 (\cos(v))^2}{u^2\pi^4 (\sin(v))^2 w^2}}$	CDIF	S	CDIF	P
8351	6121	1	$\sqrt{-\frac{-1 - u^2w^2\pi^4 + w^2u^2\pi^4 (\cos(v))^2}{u^2\pi^4 (\sin(v))^2 w^2}}$	CDIF	S	CDIF	H
8352	6122	1	$\frac{\sqrt{w}}{u \sin(v) \pi}$	CDIF	S	AB	CD

8353	6123	1	$\frac{u \sin(v) \pi}{\sqrt{w}}$	CDIF	S	AB	CDI
8354	6124	1	$\frac{w}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	AB	AB
8355	6125	1	$\sqrt{\frac{\sqrt{w}}{u \sin(v) \pi}}$	CDIF	S	AB	R
8356	6126	1	$\frac{w^{3/2}}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	AB	K
8357	6127	1	$e^{\frac{\sqrt{w}}{u \sin(v) \pi}}$	CDIF	S	AB	E
8358	6128	1	$\log\left(\frac{\sqrt{w}}{u \sin(v) \pi}\right)$	CDIF	S	AB	L
8359	6129	1	$\arcsin\left(\frac{\sqrt{w}}{u \sin(v) \pi}\right)$	CDIF	S	AB	S
8360	6130	1	$\arctan\left(\frac{\sqrt{w}}{u \sin(v) \pi}\right)$	CDIF	S	AB	T
8361	6131	1	$\sqrt{-\frac{w - u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	AB	P
8362	6132	1	$\sqrt{-\frac{-w - u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	AB	H
8363	6133	1	$\frac{w^2}{u \sin(v) \pi}$	CDIF	S	R	CD
8364	6134	1	$\frac{u \sin(v) \pi}{w^2}$	CDIF	S	R	CDI
8365	6135	1	$\frac{w^4}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	R	AB
8366	6136	1	$\sqrt{\frac{w^2}{u \sin(v) \pi}}$	CDIF	S	R	R
8367	6137	1	$\frac{w^6}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	R	K

8368	6138	1	$e^{\frac{w^2}{u \sin(v) \pi}}$	CDIF	S	R	E
8369	6139	1	$\log\left(\frac{w^2}{u \sin(v) \pi}\right)$	CDIF	S	R	L
8370	6140	1	$\arcsin\left(\frac{w^2}{u \sin(v) \pi}\right)$	CDIF	S	R	S
8371	6141	1	$\arctan\left(\frac{w^2}{u \sin(v) \pi}\right)$	CDIF	S	R	T
8372	6142	1	$\sqrt{-\frac{w^4 - u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	R	P
8373	6143	1	$\sqrt{-\frac{-w^4 - u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	R	H
8374	6144	1	$\frac{\sqrt[3]{w}}{u \sin(v) \pi}$	CDIF	S	K	CD
8375	6145	1	$\frac{u \sin(v) \pi}{\sqrt[3]{w}}$	CDIF	S	K	CDI
8376	6146	1	$\frac{w^{2/3}}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	K	AB
8377	6147	1	$\sqrt{\frac{\sqrt[3]{w}}{u \sin(v) \pi}}$	CDIF	S	K	R
8378	6148	1	$\frac{w}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	K	K
8379	6149	1	$e^{\frac{\sqrt[3]{w}}{u \sin(v) \pi}}$	CDIF	S	K	E
8380	6150	1	$\log\left(\frac{\sqrt[3]{w}}{u \sin(v) \pi}\right)$	CDIF	S	K	L
8381	6151	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u \sin(v) \pi}\right)$	CDIF	S	K	S

8382	6152	1	$\arctan\left(\frac{\sqrt[3]{w}}{u \sin(v) \pi}\right)$	CDIF	S	K	T
8383	6153	1	$\sqrt{-\frac{w^{2/3} + u^2 \pi^2 (\cos(v))^2 - u^2 \pi^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	K	P
8384	6154	1	$\sqrt{-\frac{-w^{2/3} + u^2 \pi^2 (\cos(v))^2 - u^2 \pi^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	K	H
8385	6155	1	$\frac{\ln(w)}{u \sin(v) \pi}$	CDIF	S	E	CD
8386	6156	1	$\frac{u \sin(v) \pi}{\ln(w)}$	CDIF	S	E	CDI
8387	6157	1	$\frac{(\ln(w))^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	E	AB
8388	6158	1	$\sqrt{\frac{\ln(w)}{u \sin(v) \pi}}$	CDIF	S	E	R
8389	6159	1	$\frac{(\ln(w))^3}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	E	K
8390	6160	1	$w^{\frac{1}{u \sin(v) \pi}}$	CDIF	S	E	E
8391	6161	1	$\log\left(\frac{\ln(w)}{u \sin(v) \pi}\right)$	CDIF	S	E	L
8392	6162	1	$\arcsin\left(\frac{\ln(w)}{u \sin(v) \pi}\right)$	CDIF	S	E	S
8393	6163	1	$\arctan\left(\frac{\ln(w)}{u \sin(v) \pi}\right)$	CDIF	S	E	T
8394	6164	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 + (\ln(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	E	P
8395	6165	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 - (\ln(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	E	H

8396	6166	1	$\frac{Exp(w)}{u \sin(v) \pi}$	CDIF	S	L	CD
8397	6167	1	$\frac{u \sin(v) \pi}{Exp(w)}$	CDIF	S	L	CDI
8398	6168	1	$\frac{(Exp(w))^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	L	AB
8399	6169	1	$\sqrt{\frac{Exp(w)}{u \sin(v) \pi}}$	CDIF	S	L	R
8400	6170	1	$\frac{(Exp(w))^3}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	L	K
8401	6171	1	$e^{\frac{Exp(w)}{u \sin(v) \pi}}$	CDIF	S	L	E
8402	6172	1	$\log\left(\frac{Exp(w)}{u \sin(v) \pi}\right)$	CDIF	S	L	L
8403	6173	1	$\arcsin\left(\frac{Exp(w)}{u \sin(v) \pi}\right)$	CDIF	S	L	S
8404	6174	1	$\arctan\left(\frac{Exp(w)}{u \sin(v) \pi}\right)$	CDIF	S	L	T
8405	6175	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 + (Exp(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	L	P
8406	6176	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 - (Exp(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	L	H
8407	6177	1	$\frac{\sin(w)}{u \sin(v) \pi}$	CDIF	S	S	CD
8408	6178	1	$\frac{u \sin(v) \pi}{\sin(w)}$	CDIF	S	S	CDI
8409	6179	1	$\frac{(\sin(w))^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	S	AB

8410	6180	1	$\sqrt{\frac{\sin(w)}{u \sin(v) \pi}}$	CDIF	S	S	R
8411	6181	1	$\frac{(\sin(w))^3}{u^3 \pi^3 (\sin(v))^3}$	CDIF	S	S	K
8412	6182	1	$e^{\frac{\sin(w)}{u \sin(v) \pi}}$	CDIF	S	S	E
8413	6183	1	$\log\left(\frac{\sin(w)}{u \sin(v) \pi}\right)$	CDIF	S	S	L
8414	6184	1	$\arcsin\left(\frac{\sin(w)}{u \sin(v) \pi}\right)$	CDIF	S	S	S
8415	6185	1	$\arctan\left(\frac{\sin(w)}{u \sin(v) \pi}\right)$	CDIF	S	S	T
8416	6186	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 + 1 - (\cos(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	S	P
8417	6187	1	$\sqrt{-\frac{-u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 - 1 + (\cos(w))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	S	S	H
8418	6188	1	$\frac{\sin(w)}{u \pi \sin(v) \cos(w)}$	CDIF	S	T	CD
8419	6189	1	$\frac{u \pi \sin(v) \cos(w)}{\sin(w)}$	CDIF	S	T	CDI
8420	6190	1	$\frac{(\sin(w))^2}{u^2 \pi^2 (\sin(v))^2 (\cos(w))^2}$	CDIF	S	T	AB
8421	6191	1	$\sqrt{\frac{\sin(w)}{u \pi \sin(v) \cos(w)}}$	CDIF	S	T	R
8422	6192	1	$\frac{(\sin(w))^3}{u^3 \pi^3 (\sin(v))^3 (\cos(w))^3}$	CDIF	S	T	K
8423	6193	1	$e^{\frac{\sin(w)}{u \pi \sin(v) \cos(w)}}$	CDIF	S	T	E

8424	6194	1	$\log \left(\frac{\sin(w)}{u\pi \sin(v) \cos(w)} \right)$	CDIF	S	T	L
8425	6195	1	$\arcsin \left(\frac{\sin(w)}{u\pi \sin(v) \cos(w)} \right)$	CDIF	S	T	S
8426	6196	1	$\arctan \left(\frac{\sin(w)}{u\pi \sin(v) \cos(w)} \right)$	CDIF	S	T	T
8427	6197	1	$\sqrt{-\frac{-u^2\pi^2 (\cos(w))^2 + u^2\pi^2 (\cos(w))^2 (\cos(v))^2 + 1 - (\cos(w))^2}{u^2\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDIF	S	T	P
8428	6198	1	$\sqrt{-\frac{-u^2\pi^2 (\cos(w))^2 + u^2\pi^2 (\cos(w))^2 (\cos(v))^2 - 1 + (\cos(w))^2}{u^2\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDIF	S	T	H
8429	6199	1	$\frac{\sqrt{1-w^2}}{u \sin(v) \pi}$	CDIF	S	P	CD
8430	6200	1	$\frac{u \sin(v) \pi}{\sqrt{1-w^2}}$	CDIF	S	P	CDI
8431	6201	1	$-\frac{-1+w^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	S	P	AB
8432	6202	1	$\sqrt{\frac{\sqrt{1-w^2}}{u \sin(v) \pi}}$	CDIF	S	P	R
8433	6203	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3 (\sin(v))^3}$	CDIF	S	P	K
8434	6204	1	$e^{\frac{\sqrt{1-w^2}}{u \sin(v) \pi}}$	CDIF	S	P	E
8435	6205	1	$\log \left(\frac{\sqrt{1-w^2}}{u \sin(v) \pi} \right)$	CDIF	S	P	L
8436	6206	1	$\arcsin \left(\frac{\sqrt{1-w^2}}{u \sin(v) \pi} \right)$	CDIF	S	P	S
8437	6207	1	$\arctan \left(\frac{\sqrt{1-w^2}}{u \sin(v) \pi} \right)$	CDIF	S	P	T

8438	6208	1	$\sqrt{-\frac{1-w^2-u^2\pi^2+u^2\pi^2(\cos(v))^2}{u^2(\sin(v))^2\pi^2}}$	CDIF	S	P	P
8439	6208	2	$\sqrt{-\frac{1-w^2-u^2\pi^2+u^2\pi^2(\cos(v))^2}{u^2(\sin(v))^2\pi^2}}$	CDIF	S	H	H
8440	6209	1	$\sqrt{-\frac{-1+w^2-u^2\pi^2+u^2\pi^2(\cos(v))^2}{u^2(\sin(v))^2\pi^2}}$	CDIF	S	P	H
8441	6209	2	$\sqrt{-\frac{-1+w^2-u^2\pi^2+u^2\pi^2(\cos(v))^2}{u^2(\sin(v))^2\pi^2}}$	CDIF	S	H	P
8442	6210	1	$\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}$	CDIF	S	H	CD
8443	6211	1	$\frac{u\sin(v)\pi}{\sqrt{-1+w^2}}$	CDIF	S	H	CDI
8444	6212	1	$\frac{-1+w^2}{u^2(\sin(v))^2\pi^2}$	CDIF	S	H	AB
8445	6213	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}}$	CDIF	S	H	R
8446	6214	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3(\sin(v))^3}$	CDIF	S	H	K
8447	6215	1	$e^{\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}}$	CDIF	S	H	E
8448	6216	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}\right)$	CDIF	S	H	L
8449	6217	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}\right)$	CDIF	S	H	S
8450	6218	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\sin(v)\pi}\right)$	CDIF	S	H	T
8451	6219	1	$\frac{w}{u\pi^2\tan(v)}$	CDIF	T	CDF	CD

8452	6220	1	$\frac{u\pi^2 \tan(v)}{w}$	CDIF	T	CDF	CDI
8453	6221	1	$\frac{w^2}{u^2\pi^4 (\tan(v))^2}$	CDIF	T	CDF	AB
8454	6222	1	$\sqrt{\frac{w}{u\pi^2 \tan(v)}}$	CDIF	T	CDF	R
8455	6223	1	$\frac{w^3}{u^3\pi^6 (\tan(v))^3}$	CDIF	T	CDF	K
8456	6224	1	$e^{\frac{w}{u\pi^2 \tan(v)}}$	CDIF	T	CDF	E
8457	6225	1	$\log\left(\frac{w}{u\pi^2 \tan(v)}\right)$	CDIF	T	CDF	L
8458	6226	1	$\arcsin\left(\frac{w}{u\pi^2 \tan(v)}\right)$	CDIF	T	CDF	S
8459	6227	1	$\arctan\left(\frac{w}{u\pi^2 \tan(v)}\right)$	CDIF	T	CDF	T
8460	6228	1	$\sqrt{\frac{u^2\pi^4 (\tan(v))^2 - w^2}{u^2\pi^4 (\tan(v))^2}}$	CDIF	T	CDF	P
8461	6229	1	$\sqrt{\frac{u^2\pi^4 (\tan(v))^2 + w^2}{u^2\pi^4 (\tan(v))^2}}$	CDIF	T	CDF	H
8462	6230	1	$\frac{1}{u\pi^2 \tan(v) w}$	CDIF	T	CDIF	CD
8463	6231	1	$u\pi^2 \tan(v) w$	CDIF	T	CDIF	CDI
8464	6232	1	$\frac{1}{u^2\pi^4 (\tan(v))^2 w^2}$	CDIF	T	CDIF	AB
8465	6233	1	$\sqrt{\frac{1}{u\pi^2 \tan(v) w}}$	CDIF	T	CDIF	R
8466	6234	1	$\frac{1}{u^3\pi^6 (\tan(v))^3 w^3}$	CDIF	T	CDIF	K

8467	6235	1	$e^{\frac{1}{u\pi^2 \tan(v)w}}$	CDIF	T	CDIF	E
8468	6236	1	$\log\left(\frac{1}{u\pi^2 \tan(v)w}\right)$	CDIF	T	CDIF	L
8469	6237	1	$\arcsin\left(\frac{1}{u\pi^2 \tan(v)w}\right)$	CDIF	T	CDIF	S
8470	6238	1	$\arctan\left(\frac{1}{u\pi^2 \tan(v)w}\right)$	CDIF	T	CDIF	T
8471	6239	1	$\sqrt{\frac{u^2\pi^4 (\tan(v))^2 w^2 - 1}{u^2\pi^4 (\tan(v))^2 w^2}}$	CDIF	T	CDIF	P
8472	6240	1	$\sqrt{\frac{u^2\pi^4 (\tan(v))^2 w^2 + 1}{u^2\pi^4 (\tan(v))^2 w^2}}$	CDIF	T	CDIF	H
8473	6241	1	$\frac{\sqrt{w}}{u\pi \tan(v)}$	CDIF	T	AB	CD
8474	6242	1	$\frac{u\pi \tan(v)}{\sqrt{w}}$	CDIF	T	AB	CDI
8475	6243	1	$\frac{w}{u^2 (\tan(v))^2 \pi^2}$	CDIF	T	AB	AB
8476	6244	1	$\sqrt{\frac{\sqrt{w}}{u\pi \tan(v)}}$	CDIF	T	AB	R
8477	6245	1	$\frac{w^{3/2}}{u^3 \pi^3 (\tan(v))^3}$	CDIF	T	AB	K
8478	6246	1	$e^{\frac{\sqrt{w}}{u\pi \tan(v)}}$	CDIF	T	AB	E
8479	6247	1	$\log\left(\frac{\sqrt{w}}{u\pi \tan(v)}\right)$	CDIF	T	AB	L
8480	6248	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi \tan(v)}\right)$	CDIF	T	AB	S

8481	6249	1	$\arctan\left(\frac{\sqrt{w}}{u\pi \tan(v)}\right)$	CDIF	T	AB	T
8482	6250	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2 - w}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	AB	P
8483	6251	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2 + w}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	AB	H
8484	6252	1	$\frac{w^2}{u\pi \tan(v)}$	CDIF	T	R	CD
8485	6253	1	$\frac{u\pi \tan(v)}{w^2}$	CDIF	T	R	CDI
8486	6254	1	$\frac{w^4}{u^2(\tan(v))^2\pi^2}$	CDIF	T	R	AB
8487	6255	1	$\sqrt{\frac{w^2}{u\pi \tan(v)}}$	CDIF	T	R	R
8488	6256	1	$\frac{w^6}{u^3\pi^3(\tan(v))^3}$	CDIF	T	R	K
8489	6257	1	$e^{\frac{w^2}{u\pi \tan(v)}}$	CDIF	T	R	E
8490	6258	1	$\log\left(\frac{w^2}{u\pi \tan(v)}\right)$	CDIF	T	R	L
8491	6259	1	$\arcsin\left(\frac{w^2}{u\pi \tan(v)}\right)$	CDIF	T	R	S
8492	6260	1	$\arctan\left(\frac{w^2}{u\pi \tan(v)}\right)$	CDIF	T	R	T
8493	6261	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2 - w^4}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	R	P
8494	6262	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2 + w^4}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	R	H

8495	6263	1	$\frac{\sqrt[3]{w}}{u\pi \tan(v)}$	CDIF	T	K	CD
8496	6264	1	$\frac{u\pi \tan(v)}{\sqrt[3]{w}}$	CDIF	T	K	CDI
8497	6265	1	$\frac{w^{2/3}}{u^2 (\tan(v))^2 \pi^2}$	CDIF	T	K	AB
8498	6266	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi \tan(v)}}$	CDIF	T	K	R
8499	6267	1	$\frac{w}{u^3 \pi^3 (\tan(v))^3}$	CDIF	T	K	K
8500	6268	1	$e^{\frac{\sqrt[3]{w}}{u\pi \tan(v)}}$	CDIF	T	K	E
8501	6269	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi \tan(v)}\right)$	CDIF	T	K	L
8502	6270	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi \tan(v)}\right)$	CDIF	T	K	S
8503	6271	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi \tan(v)}\right)$	CDIF	T	K	T
8504	6272	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 - w^{2/3}}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	K	P
8505	6273	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 + w^{2/3}}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	K	H
8506	6274	1	$\frac{\ln(w)}{u\pi \tan(v)}$	CDIF	T	E	CD
8507	6275	1	$\frac{u\pi \tan(v)}{\ln(w)}$	CDIF	T	E	CDI
8508	6276	1	$\frac{(\ln(w))^2}{u^2 (\tan(v))^2 \pi^2}$	CDIF	T	E	AB
8509	6277	1	$\sqrt{\frac{\ln(w)}{u\pi \tan(v)}}$	CDIF	T	E	R

8510	6278	1	$\frac{(\ln(w))^3}{u^3 \pi^3 (\tan(v))^3}$	CDIF	T	E	K
8511	6279	1	$w^{\frac{1}{u \pi \tan(v)}}$	CDIF	T	E	E
8512	6280	1	$\log\left(\frac{\ln(w)}{u \pi \tan(v)}\right)$	CDIF	T	E	L
8513	6281	1	$\arcsin\left(\frac{\ln(w)}{u \pi \tan(v)}\right)$	CDIF	T	E	S
8514	6282	1	$\arctan\left(\frac{\ln(w)}{u \pi \tan(v)}\right)$	CDIF	T	E	T
8515	6283	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 - (\ln(w))^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	E	P
8516	6284	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 + (\ln(w))^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	E	H
8517	6285	1	$\frac{\text{Exp}(w)}{u \pi \tan(v)}$	CDIF	T	L	CD
8518	6286	1	$\frac{u \pi \tan(v)}{\text{Exp}(w)}$	CDIF	T	L	CDI
8519	6287	1	$\frac{(\text{Exp}(w))^2}{u^2 (\tan(v))^2 \pi^2}$	CDIF	T	L	AB
8520	6288	1	$\sqrt{\frac{\text{Exp}(w)}{u \pi \tan(v)}}$	CDIF	T	L	R
8521	6289	1	$\frac{(\text{Exp}(w))^3}{u^3 \pi^3 (\tan(v))^3}$	CDIF	T	L	K
8522	6290	1	$e^{\frac{\text{Exp}(w)}{u \pi \tan(v)}}$	CDIF	T	L	E
8523	6291	1	$\log\left(\frac{\text{Exp}(w)}{u \pi \tan(v)}\right)$	CDIF	T	L	L

8524	6292	1	$\arcsin\left(\frac{\text{Exp}(w)}{u\pi \tan(v)}\right)$	CDIF	T	L	S
8525	6293	1	$\arctan\left(\frac{\text{Exp}(w)}{u\pi \tan(v)}\right)$	CDIF	T	L	T
8526	6294	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 - (\text{Exp}(w))^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	L	P
8527	6295	1	$\sqrt{\frac{u^2 (\tan(v))^2 \pi^2 + (\text{Exp}(w))^2}{u^2 (\tan(v))^2 \pi^2}}$	CDIF	T	L	H
8528	6296	1	$\frac{\cos(v) \sin(w)}{u \sin(v) \pi}$	CDIF	T	S	CD
8529	6297	1	$\frac{u \sin(v) \pi}{\cos(v) \sin(w)}$	CDIF	T	S	CDI
8530	6298	1	$\frac{(\cos(v))^2 (\sin(w))^2}{u^2 (\sin(v))^2 \pi^2}$	CDIF	T	S	AB
8531	6299	1	$\sqrt{\frac{\cos(v) \sin(w)}{u \sin(v) \pi}}$	CDIF	T	S	R
8532	6300	1	$\frac{(\cos(v))^3 (\sin(w))^3}{u^3 \pi^3 (\sin(v))^3}$	CDIF	T	S	K
8533	6301	1	$e^{\frac{\cos(v) \sin(w)}{u \sin(v) \pi}}$	CDIF	T	S	E
8534	6302	1	$\log\left(\frac{\cos(v) \sin(w)}{u \sin(v) \pi}\right)$	CDIF	T	S	L
8535	6303	1	$\arcsin\left(\frac{\cos(v) \sin(w)}{u \sin(v) \pi}\right)$	CDIF	T	S	S
8536	6304	1	$\arctan\left(\frac{\cos(v) \sin(w)}{u \sin(v) \pi}\right)$	CDIF	T	S	T
8537	6305	1	$\sqrt{-\frac{u^2 \pi^2 + u^2 \pi^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	T	S	P

8538	6306	1	$\sqrt{-\frac{-u^2\pi^2 + u^2\pi^2 (\cos(v))^2 - (\cos(w))^2 + (\cos(w))^2 (\cos(v))^2}{u^2 (\sin(v))^2 \pi^2}}$	CDIF	T	S	H
8539	6307	1	$\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}$	CDIF	T	T	CD
8540	6308	1	$\frac{u\pi \sin(v) \cos(w)}{\cos(v) \sin(w)}$	CDIF	T	T	CDI
8541	6309	1	$\frac{(\cos(v))^2 (\sin(w))^2}{u^2\pi^2 (\sin(v))^2 (\cos(w))^2}$	CDIF	T	T	AB
8542	6310	1	$\sqrt{\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}}$	CDIF	T	T	R
8543	6311	1	$\frac{(\cos(v))^3 (\sin(w))^3}{u^3\pi^3 (\sin(v))^3 (\cos(w))^3}$	CDIF	T	T	K
8544	6312	1	$e^{\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}}$	CDIF	T	T	E
8545	6313	1	$\log\left(\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}\right)$	CDIF	T	T	L
8546	6314	1	$\arcsin\left(\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}\right)$	CDIF	T	T	S
8547	6315	1	$\arctan\left(\frac{\cos(v) \sin(w)}{u\pi \sin(v) \cos(w)}\right)$	CDIF	T	T	T
8548	6316	1	$\sqrt{-\frac{-u^2\pi^2 (\cos(w))^2 + u^2\pi^2 (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2}{u^2\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDIF	T	T	P
8549	6317	1	$\sqrt{-\frac{-u^2\pi^2 (\cos(w))^2 + u^2\pi^2 (\cos(w))^2 (\cos(v))^2 - (\cos(v))^2 + (\cos(w))^2 (\cos(v))^2}{u^2\pi^2 (\sin(v))^2 (\cos(w))^2}}$	CDIF	T	T	H
8550	6318	1	$\frac{\sqrt{1-w^2}}{u\pi \tan(v)}$	CDIF	T	P	CD
8551	6319	1	$\frac{u\pi \tan(v)}{\sqrt{1-w^2}}$	CDIF	T	P	CDI

8552	6320	1	$-\frac{-1+w^2}{u^2(\tan(v))^2\pi^2}$	CDIF	T	P	AB
8553	6321	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi\tan(v)}}$	CDIF	T	P	R
8554	6322	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3(\tan(v))^3}$	CDIF	T	P	K
8555	6323	1	$e^{\frac{\sqrt{1-w^2}}{u\pi\tan(v)}}$	CDIF	T	P	E
8556	6324	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi\tan(v)}\right)$	CDIF	T	P	L
8557	6325	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi\tan(v)}\right)$	CDIF	T	P	S
8558	6326	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi\tan(v)}\right)$	CDIF	T	P	T
8559	6327	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2-1+w^2}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	P	P
8560	6327	2	$\sqrt{\frac{u^2(\tan(v))^2\pi^2-1+w^2}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	H	H
8561	6328	1	$\sqrt{\frac{u^2(\tan(v))^2\pi^2+1-w^2}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	P	H
8562	6328	2	$\sqrt{\frac{u^2(\tan(v))^2\pi^2+1-w^2}{u^2(\tan(v))^2\pi^2}}$	CDIF	T	H	P
8563	6329	1	$\frac{\sqrt{-1+w^2}}{u\pi\tan(v)}$	CDIF	T	H	CD
8564	6330	1	$\frac{u\pi\tan(v)}{\sqrt{-1+w^2}}$	CDIF	T	H	CDI
8565	6331	1	$\frac{-1+w^2}{u^2(\tan(v))^2\pi^2}$	CDIF	T	H	AB

8566	6332	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi \tan(v)}}$	CDIF	T	H	R
8567	6333	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3(\tan(v))^3}$	CDIF	T	H	K
8568	6334	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi \tan(v)}}$	CDIF	T	H	E
8569	6335	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi \tan(v)}\right)$	CDIF	T	H	L
8570	6336	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi \tan(v)}\right)$	CDIF	T	H	S
8571	6337	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi \tan(v)}\right)$	CDIF	T	H	T
8572	6338	1	$\frac{w}{u\pi^2\sqrt{1-v^2}}$	CDIF	P	CDF	CD
8573	6339	1	$\frac{u\pi^2\sqrt{1-v^2}}{w}$	CDIF	P	CDF	CDI
8574	6340	1	$-\frac{w^2}{u^2\pi^4(-1+v^2)}$	CDIF	P	CDF	AB
8575	6341	1	$\sqrt{\frac{w}{u\pi^2\sqrt{1-v^2}}}$	CDIF	P	CDF	R
8576	6342	1	$\frac{w^3}{u^3\pi^6(1-v^2)^{3/2}}$	CDIF	P	CDF	K
8577	6343	1	$e^{\frac{w}{u\pi^2\sqrt{1-v^2}}}$	CDIF	P	CDF	E
8578	6344	1	$\log\left(\frac{w}{u\pi^2\sqrt{1-v^2}}\right)$	CDIF	P	CDF	L
8579	6345	1	$\arcsin\left(\frac{w}{u\pi^2\sqrt{1-v^2}}\right)$	CDIF	P	CDF	S

8580	6346	1	$\arctan\left(\frac{w}{u\pi^2\sqrt{1-v^2}}\right)$	CDIF	P	CDF	T
8581	6347	1	$\sqrt{\frac{-u^2\pi^4 + u^2v^2\pi^4 + w^2}{u^2\pi^4(-1+v^2)}}$	CDIF	P	CDF	P
8582	6347	2	$\sqrt{\frac{-u^2\pi^4 + u^2v^2\pi^4 + w^2}{u^2\pi^4(-1+v^2)}}$	CDIF	H	CDF	H
8583	6348	1	$\sqrt{\frac{-u^2\pi^4 + u^2v^2\pi^4 - w^2}{u^2\pi^4(-1+v^2)}}$	CDIF	P	CDF	H
8584	6348	2	$\sqrt{\frac{-u^2\pi^4 + u^2v^2\pi^4 - w^2}{u^2\pi^4(-1+v^2)}}$	CDIF	H	CDF	P
8585	6349	1	$\frac{1}{u\pi^2\sqrt{1-v^2}w}$	CDIF	P	CDIF	CD
8586	6350	1	$u\pi^2\sqrt{1-v^2}w$	CDIF	P	CDIF	CDI
8587	6351	1	$\frac{1}{u\pi\sqrt{-(v-1)(v+1)}w}$	CDIF	P	CDIF	CDF
8588	6352	1	$-\frac{1}{u^2w^2\pi^4(-1+v^2)}$	CDIF	P	CDIF	AB
8589	6353	1	$\sqrt{\frac{1}{u\pi^2\sqrt{1-v^2}w}}$	CDIF	P	CDIF	R
8590	6354	1	$\frac{1}{u^3\pi^6(1-v^2)^{3/2}w^3}$	CDIF	P	CDIF	K
8591	6355	1	$e^{\frac{1}{u\pi^2\sqrt{1-v^2}w}}$	CDIF	P	CDIF	E
8592	6356	1	$\log\left(\frac{1}{u\pi^2\sqrt{1-v^2}w}\right)$	CDIF	P	CDIF	L
8593	6357	1	$\arcsin\left(\frac{1}{u\pi^2\sqrt{1-v^2}w}\right)$	CDIF	P	CDIF	S
8594	6358	1	$\arctan\left(\frac{1}{u\pi^2\sqrt{1-v^2}w}\right)$	CDIF	P	CDIF	T

8595	6359	1	$\sqrt{\frac{-u^2w^2\pi^4 + u^2v^2w^2\pi^4 + 1}{u^2w^2\pi^4(-1+v^2)}}$	CDIF	P	CDIF	P
8596	6359	2	$\sqrt{\frac{-u^2w^2\pi^4 + u^2v^2w^2\pi^4 + 1}{u^2w^2\pi^4(-1+v^2)}}$	CDIF	H	CDIF	H
8597	6360	1	$\sqrt{\frac{-u^2w^2\pi^4 + u^2v^2w^2\pi^4 - 1}{u^2w^2\pi^4(-1+v^2)}}$	CDIF	P	CDIF	H
8598	6360	2	$\sqrt{\frac{-u^2w^2\pi^4 + u^2v^2w^2\pi^4 - 1}{u^2w^2\pi^4(-1+v^2)}}$	CDIF	H	CDIF	P
8599	6361	1	$\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}$	CDIF	P	AB	CD
8600	6362	1	$\frac{u\pi\sqrt{1-v^2}}{\sqrt{w}}$	CDIF	P	AB	CDI
8601	6363	1	$-\frac{w}{u^2\pi^2(-1+v^2)}$	CDIF	P	AB	AB
8602	6364	1	$\sqrt{\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	AB	R
8603	6365	1	$\frac{w^{3/2}}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	AB	K
8604	6366	1	$e^{\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	AB	E
8605	6367	1	$\log\left(\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	AB	L
8606	6368	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	AB	S
8607	6369	1	$\arctan\left(\frac{\sqrt{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	AB	T
8608	6370	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w}{u^2\pi^2(-1+v^2)}}$	CDIF	P	AB	P
8609	6370	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w}{u^2\pi^2(-1+v^2)}}$	CDIF	H	AB	H

8610	6371	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w}{u^2\pi^2(-1+v^2)}}$	CDIF	P	AB	H
8611	6371	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w}{u^2\pi^2(-1+v^2)}}$	CDIF	H	AB	P
8612	6372	1	$\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}$	CDIF	P	R	CD
8613	6373	1	$\frac{u\pi\sqrt{1-v^2}}{w^2}$	CDIF	P	R	CDI
8614	6374	1	$-\frac{w^4}{u^2\pi^2(-1+v^2)}$	CDIF	P	R	AB
8615	6375	1	$\sqrt{\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}}$	CDIF	P	R	R
8616	6376	1	$\frac{w^6}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	R	K
8617	6377	1	$e^{\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}}$	CDIF	P	R	E
8618	6378	1	$\log\left(\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}\right)$	CDIF	P	R	L
8619	6379	1	$\arcsin\left(\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}\right)$	CDIF	P	R	S
8620	6380	1	$\arctan\left(\frac{w^2}{u\pi\sqrt{-(v-1)(v+1)}}\right)$	CDIF	P	R	T
8621	6381	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^4}{u^2\pi^2(-1+v^2)}}$	CDIF	P	R	P
8622	6381	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^4}{u^2\pi^2(-1+v^2)}}$	CDIF	H	R	H
8623	6382	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^4}{u^2\pi^2(-1+v^2)}}$	CDIF	P	R	H

8624	6382	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^4}{u^2\pi^2(-1+v^2)}}$	CDIF	H	R	P
8625	6383	1	$\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}$	CDIF	P	K	CD
8626	6384	1	$\frac{u\pi\sqrt{1-v^2}}{\sqrt[3]{w}}$	CDIF	P	K	CDI
8627	6385	1	$-\frac{w^{2/3}}{u^2\pi^2(-1+v^2)}$	CDIF	P	K	AB
8628	6386	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	K	R
8629	6387	1	$\frac{w}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	K	K
8630	6388	1	$e^{\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	K	E
8631	6389	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	K	L
8632	6390	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	K	S
8633	6391	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	K	T
8634	6392	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^{2/3}}{u^2\pi^2(-1+v^2)}}$	CDIF	P	K	P
8635	6392	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + w^{2/3}}{u^2\pi^2(-1+v^2)}}$	CDIF	H	K	H
8636	6393	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^{2/3}}{u^2\pi^2(-1+v^2)}}$	CDIF	P	K	H
8637	6393	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - w^{2/3}}{u^2\pi^2(-1+v^2)}}$	CDIF	H	K	P
8638	6394	1	$\frac{\ln(w)}{u\pi\sqrt{1-v^2}}$	CDIF	P	E	CD

8639	6395	1	$\frac{u\pi\sqrt{1-v^2}}{\ln(w)}$	CDIF	P	E	CDI
8640	6396	1	$-\frac{(\ln(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	E	AB
8641	6397	1	$\sqrt{\frac{\ln(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	E	R
8642	6398	1	$\frac{(\ln(w))^3}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	E	K
8643	6399	1	$w^{\frac{1}{u\pi\sqrt{1-v^2}}}$	CDIF	P	E	E
8644	6400	1	$\log\left(\frac{\ln(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	E	L
8645	6401	1	$\arcsin\left(\frac{\ln(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	E	S
8646	6402	1	$\arctan\left(\frac{\ln(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	E	T
8647	6403	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (\ln(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	E	P
8648	6403	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (\ln(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	E	H
8649	6404	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (\ln(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	E	H
8650	6404	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (\ln(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	E	P
8651	6405	1	$\frac{Exp(w)}{u\pi\sqrt{1-v^2}}$	CDIF	P	L	CD
8652	6406	1	$\frac{u\pi\sqrt{1-v^2}}{Exp(w)}$	CDIF	P	L	CDI

8653	6407	1	$-\frac{(Exp(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	L	AB
8654	6408	1	$\sqrt{\frac{Exp(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	L	R
8655	6409	1	$\frac{(Exp(w))^3}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	L	K
8656	6410	1	$e^{\frac{Exp(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	L	E
8657	6411	1	$\log\left(\frac{Exp(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	L	L
8658	6412	1	$\arcsin\left(\frac{Exp(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	L	S
8659	6413	1	$\arctan\left(\frac{Exp(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	L	T
8660	6414	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (Exp(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	L	P
8661	6414	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (Exp(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	L	H
8662	6415	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (Exp(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	L	H
8663	6415	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (Exp(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	L	P
8664	6416	1	$\frac{\sin(w)}{u\pi\sqrt{1-v^2}}$	CDIF	P	S	CD
8665	6417	1	$\frac{u\pi\sqrt{1-v^2}}{\sin(w)}$	CDIF	P	S	CDI
8666	6418	1	$-\frac{(\sin(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	S	AB

8667	6419	1	$\sqrt{\frac{\sin(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	S	R
8668	6420	1	$\frac{(\sin(w))^3}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	S	K
8669	6421	1	$e^{\frac{\sin(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	S	E
8670	6422	1	$\log\left(\frac{\sin(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	S	L
8671	6423	1	$\arcsin\left(\frac{\sin(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	S	S
8672	6424	1	$\arctan\left(\frac{\sin(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	S	T
8673	6425	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - (\cos(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	S	P
8674	6425	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - (\cos(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	S	H
8675	6426	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - 1 + (\cos(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	S	H
8676	6426	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - 1 + (\cos(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	S	P
8677	6427	1	$\frac{\tan(w)}{u\pi\sqrt{1-v^2}}$	CDIF	P	T	CD
8678	6428	1	$\frac{u\pi\sqrt{1-v^2}}{\tan(w)}$	CDIF	P	T	CDI
8679	6429	1	$-\frac{(\tan(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	T	AB
8680	6430	1	$\sqrt{\frac{\tan(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	T	R

8681	6431	1	$\frac{(\tan(w))^3}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	T	K
8682	6432	1	$e^{\frac{\tan(w)}{u\pi\sqrt{1-v^2}}}$	CDIF	P	T	E
8683	6433	1	$\log\left(\frac{\tan(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	T	L
8684	6434	1	$\arcsin\left(\frac{\tan(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	T	S
8685	6435	1	$\arctan\left(\frac{\tan(w)}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	T	T
8686	6436	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (\tan(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	T	P
8687	6436	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + (\tan(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	T	H
8688	6437	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (\tan(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	T	H
8689	6437	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 - (\tan(w))^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	T	P
8690	6438	1	$\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}$	CDIF	P	P	CD
8691	6439	1	$\frac{u\pi\sqrt{1-v^2}}{\sqrt{1-w^2}}$	CDIF	P	P	CDI
8692	6440	1	$\frac{-1+w^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	P	AB
8693	6440	2	$\frac{-1+w^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	H	AB
8694	6441	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	P	R
8695	6442	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	P	K

8696	6443	1	$e^{\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	P	E
8697	6444	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	P	L
8698	6445	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	P	S
8699	6446	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	P	T
8700	6447	1	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	P	P
8701	6447	2	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	H	H
8702	6447	3	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	P	H
8703	6447	4	$\sqrt{\frac{-u^2\pi^2 + u^2v^2\pi^2 + 1 - w^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	H	P
8704	6448	1	$\sqrt{\frac{-1 + w^2 - u^2\pi^2 + u^2v^2\pi^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	P	H
8705	6448	2	$\sqrt{\frac{-1 + w^2 - u^2\pi^2 + u^2v^2\pi^2}{u^2\pi^2(-1+v^2)}}$	CDIF	P	H	P
8706	6448	3	$\sqrt{\frac{-1 + w^2 - u^2\pi^2 + u^2v^2\pi^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	P	P
8707	6448	4	$\sqrt{\frac{-1 + w^2 - u^2\pi^2 + u^2v^2\pi^2}{u^2\pi^2(-1+v^2)}}$	CDIF	H	H	H
8708	6449	1	$\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}$	CDIF	P	H	CD
8709	6450	1	$\frac{u\pi\sqrt{1-v^2}}{\sqrt{-1+w^2}}$	CDIF	P	H	CDI

8710	6451	1	$-\frac{-1+w^2}{u^2\pi^2(-1+v^2)}$	CDIF	P	H	AB
8711	6451	2	$-\frac{-1+w^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	P	AB
8712	6452	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	H	R
8713	6453	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3(1-v^2)^{3/2}}$	CDIF	P	H	K
8714	6454	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}}$	CDIF	P	H	E
8715	6455	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	H	L
8716	6456	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	H	S
8717	6457	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{1-v^2}}\right)$	CDIF	P	H	T
8718	6458	1	$\frac{w}{u\pi^2\sqrt{-1+v^2}}$	CDIF	H	CDF	CD
8719	6459	1	$\frac{u\pi^2\sqrt{-1+v^2}}{w}$	CDIF	H	CDF	CDI
8720	6460	1	$\frac{w}{u\pi\sqrt{(v-1)(v+1)}}$	CDIF	H	CDF	CDF
8721	6461	1	$\frac{w^2}{u^2\pi^4(-1+v^2)}$	CDIF	H	CDF	AB
8722	6462	1	$\sqrt{\frac{w}{u\pi^2\sqrt{-1+v^2}}}$	CDIF	H	CDF	R
8723	6463	1	$\frac{w^3}{u^3\pi^6(-1+v^2)^{3/2}}$	CDIF	H	CDF	K
8724	6464	1	$e^{\frac{w}{u\pi^2\sqrt{-1+v^2}}}$	CDIF	H	CDF	E

8725	6465	1	$\log \left(\frac{w}{u\pi^2\sqrt{-1+v^2}} \right)$	CDIF	H	CDF	L
8726	6466	1	$\arcsin \left(\frac{w}{u\pi^2\sqrt{-1+v^2}} \right)$	CDIF	H	CDF	S
8727	6467	1	$\arctan \left(\frac{w}{u\pi^2\sqrt{-1+v^2}} \right)$	CDIF	H	CDF	T
8728	6468	1	$\frac{1}{u\pi^2\sqrt{-1+v^2}w}$	CDIF	H	CDIF	CD
8729	6469	1	$u\pi^2\sqrt{-1+v^2}w$	CDIF	H	CDIF	CDI
8730	6470	1	$\frac{1}{u\pi\sqrt{(v-1)(v+1)}w}$	CDIF	H	CDIF	CDF
8731	6471	1	$\frac{1}{u^2w^2\pi^4(-1+v^2)}$	CDIF	H	CDIF	AB
8732	6472	1	$\sqrt{\frac{1}{u\pi^2\sqrt{-1+v^2}w}}$	CDIF	H	CDIF	R
8733	6473	1	$\frac{1}{u^3\pi^6(-1+v^2)^{3/2}w^3}$	CDIF	H	CDIF	K
8734	6474	1	$e^{\frac{1}{u\pi^2\sqrt{-1+v^2}w}}$	CDIF	H	CDIF	E
8735	6475	1	$\log \left(\frac{1}{u\pi^2\sqrt{-1+v^2}w} \right)$	CDIF	H	CDIF	L
8736	6476	1	$\arcsin \left(\frac{1}{u\pi^2\sqrt{-1+v^2}w} \right)$	CDIF	H	CDIF	S
8737	6477	1	$\arctan \left(\frac{1}{u\pi^2\sqrt{-1+v^2}w} \right)$	CDIF	H	CDIF	T
8738	6478	1	$\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}$	CDIF	H	AB	CD
8739	6479	1	$\frac{u\pi\sqrt{-1+v^2}}{\sqrt{w}}$	CDIF	H	AB	CDI

8740	6480	1	$\frac{w}{u^2\pi^2(-1+v^2)}$	CDIF	H	AB	AB
8741	6481	1	$\sqrt{\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	AB	R
8742	6482	1	$\frac{w^{3/2}}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	AB	K
8743	6483	1	$e^{\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	AB	E
8744	6484	1	$\log\left(\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	AB	L
8745	6485	1	$\arcsin\left(\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	AB	S
8746	6486	1	$\arctan\left(\frac{\sqrt{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	AB	T
8747	6487	1	$\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}$	CDIF	H	R	CD
8748	6488	1	$\frac{u\pi\sqrt{-1+v^2}}{w^2}$	CDIF	H	R	CDI
8749	6489	1	$\frac{w^4}{u^2\pi^2(-1+v^2)}$	CDIF	H	R	AB
8750	6490	1	$\sqrt{\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}}$	CDIF	H	R	R
8751	6491	1	$\frac{w^6}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	R	K
8752	6492	1	$e^{\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}}$	CDIF	H	R	E
8753	6493	1	$\log\left(\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}\right)$	CDIF	H	R	L

8754	6494	1	$\arcsin\left(\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}\right)$	CDIF	H	R	S
8755	6495	1	$\arctan\left(\frac{w^2}{u\pi\sqrt{(v-1)(v+1)}}\right)$	CDIF	H	R	T
8756	6496	1	$\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}$	CDIF	H	K	CD
8757	6497	1	$\frac{u\pi\sqrt{-1+v^2}}{\sqrt[3]{w}}$	CDIF	H	K	CDI
8758	6498	1	$\frac{w^{2/3}}{u^2\pi^2(-1+v^2)}$	CDIF	H	K	AB
8759	6499	1	$\sqrt{\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	K	R
8760	6500	1	$\frac{w}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	K	K
8761	6501	1	$e^{\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	K	E
8762	6502	1	$\log\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	K	L
8763	6503	1	$\arcsin\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	K	S
8764	6504	1	$\arctan\left(\frac{\sqrt[3]{w}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	K	T
8765	6505	1	$\frac{\ln(w)}{u\pi\sqrt{-1+v^2}}$	CDIF	H	E	CD
8766	6506	1	$\frac{u\pi\sqrt{-1+v^2}}{\ln(w)}$	CDIF	H	E	CDI
8767	6507	1	$\frac{(\ln(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	E	AB

8768	6508	1	$\sqrt{\frac{\ln(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	E	R
8769	6509	1	$\frac{(\ln(w))^3}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	E	K
8770	6510	1	$w^{\frac{1}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	E	E
8771	6511	1	$\log\left(\frac{\ln(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	E	L
8772	6512	1	$\arcsin\left(\frac{\ln(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	E	S
8773	6513	1	$\arctan\left(\frac{\ln(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	E	T
8774	6514	1	$\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}$	CDIF	H	L	CD
8775	6515	1	$\frac{u\pi\sqrt{-1+v^2}}{\text{Exp}(w)}$	CDIF	H	L	CDI
8776	6516	1	$\frac{(\text{Exp}(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	L	AB
8777	6517	1	$\sqrt{\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	L	R
8778	6518	1	$\frac{(\text{Exp}(w))^3}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	L	K
8779	6519	1	$e^{\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	L	E
8780	6520	1	$\log\left(\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	L	L
8781	6521	1	$\arcsin\left(\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	L	S
8782	6522	1	$\arctan\left(\frac{\text{Exp}(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	L	T

8783	6523	1	$\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}$	CDIF	H	S	CD
8784	6524	1	$\frac{u\pi\sqrt{-1+v^2}}{\sin(w)}$	CDIF	H	S	CDI
8785	6525	1	$\frac{(\sin(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	S	AB
8786	6526	1	$\sqrt{\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	S	R
8787	6527	1	$\frac{(\sin(w))^3}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	S	K
8788	6528	1	$e^{\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	S	E
8789	6529	1	$\log\left(\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	S	L
8790	6530	1	$\arcsin\left(\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	S	S
8791	6531	1	$\arctan\left(\frac{\sin(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	S	T
8792	6532	1	$\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}$	CDIF	H	T	CD
8793	6533	1	$\frac{u\pi\sqrt{-1+v^2}}{\tan(w)}$	CDIF	H	T	CDI
8794	6534	1	$\frac{(\tan(w))^2}{u^2\pi^2(-1+v^2)}$	CDIF	H	T	AB
8795	6535	1	$\sqrt{\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	T	R
8796	6536	1	$\frac{(\tan(w))^3}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	T	K

8797	6537	1	$e^{\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	T	E
8798	6538	1	$\log\left(\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	T	L
8799	6539	1	$\arcsin\left(\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	T	S
8800	6540	1	$\arctan\left(\frac{\tan(w)}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	T	T
8801	6541	1	$\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}$	CDIF	H	P	CD
8802	6542	1	$\frac{u\pi\sqrt{-1+v^2}}{\sqrt{1-w^2}}$	CDIF	H	P	CDI
8803	6543	1	$\sqrt{\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	P	R
8804	6544	1	$\frac{(1-w^2)^{3/2}}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	P	K
8805	6545	1	$e^{\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	P	E
8806	6546	1	$\log\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	P	L
8807	6547	1	$\arcsin\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	P	S
8808	6548	1	$\arctan\left(\frac{\sqrt{1-w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	P	T
8809	6549	1	$\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}$	CDIF	H	H	CD
8810	6550	1	$\frac{u\pi\sqrt{-1+v^2}}{\sqrt{-1+w^2}}$	CDIF	H	H	CDI

8811	6551	1	$\sqrt{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	H	R
8812	6552	1	$\frac{(-1+w^2)^{3/2}}{u^3\pi^3(-1+v^2)^{3/2}}$	CDIF	H	H	K
8813	6553	1	$e^{\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}}$	CDIF	H	H	E
8814	6554	1	$\log\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	H	L
8815	6555	1	$\arcsin\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	H	S
8816	6556	1	$\arctan\left(\frac{\sqrt{-1+w^2}}{u\pi\sqrt{-1+v^2}}\right)$	CDIF	H	H	T
8817	6557	1	$\frac{\sqrt{uw}}{v}$	AB	CD	CD	CD
8818	6557	2	$\frac{\sqrt{uw}}{v}$	AB	CD	CDF	CDF
8819	6557	3	$\frac{\sqrt{uw}}{v}$	AB	CDF	CDF	CD
8820	6558	1	$\frac{v}{\sqrt{uw}}$	AB	CD	CD	CDI
8821	6558	2	$\frac{v}{\sqrt{uw}}$	AB	CD	CDF	CDIF
8822	6558	3	$\frac{v}{\sqrt{uw}}$	AB	CDF	CDF	CDI
8823	6559	1	$\frac{\sqrt{uw}\pi}{v}$	AB	CD	CD	CDF
8824	6559	2	$\frac{\sqrt{uw}\pi}{v}$	AB	CDF	CD	CD
8825	6559	3	$\frac{\sqrt{uw}\pi}{v}$	AB	CDF	CDF	CDF
8826	6560	1	$\frac{v}{\sqrt{uw}\pi}$	AB	CD	CD	CDIF
8827	6560	2	$\frac{v}{\sqrt{uw}\pi}$	AB	CDF	CD	CDI

8828	6560	3	$\frac{v}{\sqrt{uw}\pi}$	AB	CDF	CDF	CDIF
8829	6561	1	$\sqrt{\frac{\sqrt{uw}}{v}}$	AB	CD	CD	R
8830	6561	2	$\sqrt{\frac{\sqrt{uw}}{v}}$	AB	CDF	CDF	R
8831	6562	1	$\frac{u^{3/2}w^3}{v^3}$	AB	CD	CD	K
8832	6562	2	$\frac{u^{3/2}w^3}{v^3}$	AB	CDF	CDF	K
8833	6563	1	$e^{\frac{\sqrt{uw}}{v}}$	AB	CD	CD	E
8834	6563	2	$e^{\frac{\sqrt{uw}}{v}}$	AB	CDF	CDF	E
8835	6564	1	$\log\left(\frac{\sqrt{uw}}{v}\right)$	AB	CD	CD	L
8836	6564	2	$\log\left(\frac{\sqrt{uw}}{v}\right)$	AB	CDF	CDF	L
8837	6565	1	$\arcsin\left(\frac{\sqrt{uw}}{v}\right)$	AB	CD	CD	S
8838	6565	2	$\arcsin\left(\frac{\sqrt{uw}}{v}\right)$	AB	CDF	CDF	S
8839	6566	1	$\arctan\left(\frac{\sqrt{uw}}{v}\right)$	AB	CD	CD	T
8840	6566	2	$\arctan\left(\frac{\sqrt{uw}}{v}\right)$	AB	CDF	CDF	T
8841	6567	1	$\sqrt{-\frac{v^2+uw^2}{v^2}}$	AB	CD	CD	P
8842	6567	2	$\sqrt{-\frac{v^2+uw^2}{v^2}}$	AB	CDF	CDF	P
8843	6568	1	$\sqrt{\frac{v^2+uw^2}{v^2}}$	AB	CD	CD	H
8844	6568	2	$\sqrt{\frac{v^2+uw^2}{v^2}}$	AB	CDF	CDF	H

8845	6569	1	$\frac{\sqrt{u}}{vw}$	AB	CD	CDI	CD
8846	6569	2	$\frac{\sqrt{u}}{vw}$	AB	CD	CDIF	CDF
8847	6569	3	$\frac{\sqrt{u}}{vw}$	AB	CDF	CDIF	CD
8848	6570	1	$\frac{vw}{\sqrt{u}}$	AB	CD	CDI	CDI
8849	6570	2	$\frac{vw}{\sqrt{u}}$	AB	CD	CDIF	CDIF
8850	6570	3	$\frac{vw}{\sqrt{u}}$	AB	CDF	CDIF	CDI
8851	6571	1	$\frac{\sqrt{u}\pi}{vw}$	AB	CD	CDI	CDF
8852	6571	2	$\frac{\sqrt{u}\pi}{vw}$	AB	CDF	CDI	CD
8853	6571	3	$\frac{\sqrt{u}\pi}{vw}$	AB	CDF	CDIF	CDF
8854	6572	1	$\frac{vw}{\sqrt{u}\pi}$	AB	CD	CDI	CDIF
8855	6572	2	$\frac{vw}{\sqrt{u}\pi}$	AB	CDF	CDI	CDI
8856	6572	3	$\frac{vw}{\sqrt{u}\pi}$	AB	CDF	CDIF	CDIF
8857	6573	1	$\frac{u}{v^2w^2}$	AB	CD	CDI	AB
8858	6573	2	$\frac{u}{v^2w^2}$	AB	CDF	CDIF	AB
8859	6574	1	$\sqrt{\frac{\sqrt{u}}{vw}}$	AB	CD	CDI	R
8860	6574	2	$\sqrt{\frac{\sqrt{u}}{vw}}$	AB	CDF	CDIF	R
8861	6575	1	$\frac{u^{3/2}}{v^3w^3}$	AB	CD	CDI	K
8862	6575	2	$\frac{u^{3/2}}{v^3w^3}$	AB	CDF	CDIF	K
8863	6576	1	$e^{\frac{\sqrt{u}}{vw}}$	AB	CD	CDI	E

8864	6576	2	$e^{\frac{\sqrt{u}}{vw}}$	AB	CDF	CDIF	E
8865	6577	1	$\log\left(\frac{\sqrt{u}}{vw}\right)$	AB	CD	CDI	L
8866	6577	2	$\log\left(\frac{\sqrt{u}}{vw}\right)$	AB	CDF	CDIF	L
8867	6578	1	$\arcsin\left(\frac{\sqrt{u}}{vw}\right)$	AB	CD	CDI	S
8868	6578	2	$\arcsin\left(\frac{\sqrt{u}}{vw}\right)$	AB	CDF	CDIF	S
8869	6579	1	$\arctan\left(\frac{\sqrt{u}}{vw}\right)$	AB	CD	CDI	T
8870	6579	2	$\arctan\left(\frac{\sqrt{u}}{vw}\right)$	AB	CDF	CDIF	T
8871	6580	1	$\sqrt{-\frac{v^2w^2+u}{v^2w^2}}$	AB	CD	CDI	P
8872	6580	2	$\sqrt{-\frac{v^2w^2+u}{v^2w^2}}$	AB	CDF	CDIF	P
8873	6581	1	$\sqrt{\frac{v^2w^2+u}{v^2w^2}}$	AB	CD	CDI	H
8874	6581	2	$\sqrt{\frac{v^2w^2+u}{v^2w^2}}$	AB	CDF	CDIF	H
8875	6582	1	$\frac{\sqrt{uw}}{v\pi}$	AB	CD	CDF	CD
8876	6583	1	$\frac{v\pi}{\sqrt{uw}}$	AB	CD	CDF	CDI
8877	6584	1	$\frac{uw^2}{v^2\pi^2}$	AB	CD	CDF	AB
8878	6585	1	$\sqrt{\frac{\sqrt{uw}}{v\pi}}$	AB	CD	CDF	R
8879	6586	1	$\frac{u^{3/2}w^3}{v^3\pi^3}$	AB	CD	CDF	K

8880	6587	1	$e^{\frac{\sqrt{u}w}{v\pi}}$	AB	CD	CDF	E
8881	6588	1	$\log\left(\frac{\sqrt{u}w}{v\pi}\right)$	AB	CD	CDF	L
8882	6589	1	$\arcsin\left(\frac{\sqrt{u}w}{v\pi}\right)$	AB	CD	CDF	S
8883	6590	1	$\arctan\left(\frac{\sqrt{u}w}{v\pi}\right)$	AB	CD	CDF	T
8884	6591	1	$\sqrt{-\frac{v^2\pi^2 + uw^2}{v^2\pi^2}}$	AB	CD	CDF	P
8885	6592	1	$\sqrt{\frac{v^2\pi^2 + uw^2}{v^2\pi^2}}$	AB	CD	CDF	H
8886	6593	1	$\frac{\sqrt{u}}{vw\pi}$	AB	CD	CDIF	CD
8887	6594	1	$\frac{vw\pi}{\sqrt{u}}$	AB	CD	CDIF	CDI
8888	6595	1	$\frac{u}{v^2w^2\pi^2}$	AB	CD	CDIF	AB
8889	6596	1	$\sqrt{\frac{\sqrt{u}}{vw\pi}}$	AB	CD	CDIF	R
8890	6597	1	$\frac{u^{3/2}}{v^3w^3\pi^3}$	AB	CD	CDIF	K
8891	6598	1	$e^{\frac{\sqrt{u}}{vw\pi}}$	AB	CD	CDIF	E
8892	6599	1	$\log\left(\frac{\sqrt{u}}{vw\pi}\right)$	AB	CD	CDIF	L
8893	6600	1	$\arcsin\left(\frac{\sqrt{u}}{vw\pi}\right)$	AB	CD	CDIF	S
8894	6601	1	$\arctan\left(\frac{\sqrt{u}}{vw\pi}\right)$	AB	CD	CDIF	T

8895	6602	1	$\sqrt{-\frac{v^2 w^2 \pi^2 + u}{v^2 w^2 \pi^2}}$	AB	CD	CDIF	P
8896	6603	1	$\sqrt{\frac{v^2 w^2 \pi^2 + u}{v^2 w^2 \pi^2}}$	AB	CD	CDIF	H
8897	6604	1	$\frac{\sqrt{u}\sqrt{w}}{v}$	AB	CD	AB	CD
8898	6605	1	$\frac{v}{\sqrt{u}\sqrt{w}}$	AB	CD	AB	CDI
8899	6606	1	$\frac{\sqrt{u}\sqrt{w}\pi}{v}$	AB	CD	AB	CDF
8900	6606	2	$\frac{\sqrt{u}\sqrt{w}\pi}{v}$	AB	CDF	AB	CD
8901	6607	1	$\frac{v}{\sqrt{u}\sqrt{w}\pi}$	AB	CD	AB	CDIF
8902	6607	2	$\frac{v}{\sqrt{u}\sqrt{w}\pi}$	AB	CDF	AB	CDI
8903	6608	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{v}}$	AB	CD	AB	R
8904	6609	1	$\frac{u^{3/2}w^{3/2}}{v^3}$	AB	CD	AB	K
8905	6610	1	$e^{\frac{\sqrt{u}\sqrt{w}}{v}}$	AB	CD	AB	E
8906	6611	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{v}\right)$	AB	CD	AB	L
8907	6612	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{v}\right)$	AB	CD	AB	S
8908	6613	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{v}\right)$	AB	CD	AB	T
8909	6614	1	$\sqrt{-\frac{v^2 + uw}{v^2}}$	AB	CD	AB	P
8910	6615	1	$\sqrt{\frac{v^2 + uw}{v^2}}$	AB	CD	AB	H

8911	6616	1	$\frac{\sqrt{u}w^2}{v}$	AB	CD	R	CD
8912	6617	1	$\frac{v}{\sqrt{u}w^2}$	AB	CD	R	CDI
8913	6618	1	$\frac{\sqrt{u}w^2\pi}{v}$	AB	CD	R	CDF
8914	6618	2	$\frac{\sqrt{u}w^2\pi}{v}$	AB	CDF	R	CD
8915	6619	1	$\frac{v}{\sqrt{u}w^2\pi}$	AB	CD	R	CDIF
8916	6619	2	$\frac{v}{\sqrt{u}w^2\pi}$	AB	CDF	R	CDI
8917	6620	1	$\frac{uw^4}{v^2}$	AB	CD	R	AB
8918	6621	1	$\sqrt{\frac{\sqrt{u}w^2}{v}}$	AB	CD	R	R
8919	6622	1	$\frac{u^{3/2}w^6}{v^3}$	AB	CD	R	K
8920	6623	1	$e^{\frac{\sqrt{u}w^2}{v}}$	AB	CD	R	E
8921	6624	1	$\log\left(\frac{\sqrt{u}w^2}{v}\right)$	AB	CD	R	L
8922	6625	1	$\arcsin\left(\frac{\sqrt{u}w^2}{v}\right)$	AB	CD	R	S
8923	6626	1	$\arctan\left(\frac{\sqrt{u}w^2}{v}\right)$	AB	CD	R	T
8924	6627	1	$\sqrt{-\frac{v^2+uw^4}{v^2}}$	AB	CD	R	P
8925	6628	1	$\sqrt{\frac{v^2+uw^4}{v^2}}$	AB	CD	R	H

8926	6629	1	$\frac{\sqrt{u}\sqrt[3]{w}}{v}$	AB	CD	K	CD
8927	6630	1	$\frac{v}{\sqrt{u}\sqrt[3]{w}}$	AB	CD	K	CDI
8928	6631	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{v}$	AB	CD	K	CDF
8929	6631	2	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{v}$	AB	CDF	K	CD
8930	6632	1	$\frac{v}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	CD	K	CDIF
8931	6632	2	$\frac{v}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	CDF	K	CDI
8932	6633	1	$\frac{uw^{2/3}}{v^2}$	AB	CD	K	AB
8933	6634	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{v}}$	AB	CD	K	R
8934	6635	1	$\frac{u^{3/2}w}{v^3}$	AB	CD	K	K
8935	6636	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{v}}$	AB	CD	K	E
8936	6637	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{v}\right)$	AB	CD	K	L
8937	6638	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{v}\right)$	AB	CD	K	S
8938	6639	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{v}\right)$	AB	CD	K	T
8939	6640	1	$\sqrt{-\frac{v^2 + uw^{2/3}}{v^2}}$	AB	CD	K	P
8940	6641	1	$\sqrt{\frac{v^2 + uw^{2/3}}{v^2}}$	AB	CD	K	H
8941	6642	1	$\frac{\sqrt{u}\ln(w)}{v}$	AB	CD	E	CD

8942	6643	1	$\frac{v}{\sqrt{u} \ln(w)}$	AB	CD	E	CDI
8943	6644	1	$\frac{\sqrt{u} \ln(w) \pi}{v}$	AB	CD	E	CDF
8944	6644	2	$\frac{\sqrt{u} \ln(w) \pi}{v}$	AB	CDF	E	CD
8945	6645	1	$\frac{v}{\sqrt{u} \ln(w) \pi}$	AB	CD	E	CDIF
8946	6645	2	$\frac{v}{\sqrt{u} \ln(w) \pi}$	AB	CDF	E	CDI
8947	6646	1	$\frac{u (\ln(w))^2}{v^2}$	AB	CD	E	AB
8948	6647	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{v}}$	AB	CD	E	R
8949	6648	1	$\frac{u^{3/2} (\ln(w))^3}{v^3}$	AB	CD	E	K
8950	6649	1	$w^{\frac{\sqrt{u}}{v}}$	AB	CD	E	E
8951	6650	1	$\log\left(\frac{\sqrt{u} \ln(w)}{v}\right)$	AB	CD	E	L
8952	6651	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{v}\right)$	AB	CD	E	S
8953	6652	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{v}\right)$	AB	CD	E	T
8954	6653	1	$\sqrt{-\frac{v^2 + u (\ln(w))^2}{v^2}}$	AB	CD	E	P
8955	6654	1	$\sqrt{\frac{v^2 + u (\ln(w))^2}{v^2}}$	AB	CD	E	H
8956	6655	1	$\frac{\sqrt{u} \text{Exp}(w)}{v}$	AB	CD	L	CD

8957	6656	1	$\frac{v}{\sqrt{u}Exp(w)}$	AB	CD	L	CDI
8958	6657	1	$\frac{\sqrt{u}Exp(w)\pi}{v}$	AB	CD	L	CDF
8959	6657	2	$\frac{\sqrt{u}Exp(w)\pi}{v}$	AB	CDF	L	CD
8960	6658	1	$\frac{v}{\sqrt{u}Exp(w)\pi}$	AB	CD	L	CDIF
8961	6658	2	$\frac{v}{\sqrt{u}Exp(w)\pi}$	AB	CDF	L	CDI
8962	6659	1	$\frac{u(Exp(w))^2}{v^2}$	AB	CD	L	AB
8963	6660	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{v}}$	AB	CD	L	R
8964	6661	1	$\frac{u^{3/2}(Exp(w))^3}{v^3}$	AB	CD	L	K
8965	6662	1	$e^{\frac{\sqrt{u}Exp(w)}{v}}$	AB	CD	L	E
8966	6663	1	$\log\left(\frac{\sqrt{u}Exp(w)}{v}\right)$	AB	CD	L	L
8967	6664	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{v}\right)$	AB	CD	L	S
8968	6665	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{v}\right)$	AB	CD	L	T
8969	6666	1	$\sqrt{-\frac{v^2 + u(Exp(w))^2}{v^2}}$	AB	CD	L	P
8970	6667	1	$\sqrt{\frac{v^2 + u(Exp(w))^2}{v^2}}$	AB	CD	L	H
8971	6668	1	$\frac{\sqrt{u}\sin(w)}{v}$	AB	CD	S	CD

8972	6669	1	$\frac{v}{\sqrt{u} \sin(w)}$	AB	CD	S	CDI
8973	6670	1	$\frac{\sqrt{u} \sin(w) \pi}{v}$	AB	CD	S	CDF
8974	6670	2	$\frac{\sqrt{u} \sin(w) \pi}{v}$	AB	CDF	S	CD
8975	6671	1	$\frac{v}{\sqrt{u} \sin(w) \pi}$	AB	CD	S	CDIF
8976	6671	2	$\frac{v}{\sqrt{u} \sin(w) \pi}$	AB	CDF	S	CDI
8977	6672	1	$\frac{u (\sin(w))^2}{v^2}$	AB	CD	S	AB
8978	6673	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{v}}$	AB	CD	S	R
8979	6674	1	$\frac{u^{3/2} (\sin(w))^3}{v^3}$	AB	CD	S	K
8980	6675	1	$e^{\frac{\sqrt{u} \sin(w)}{v}}$	AB	CD	S	E
8981	6676	1	$\log\left(\frac{\sqrt{u} \sin(w)}{v}\right)$	AB	CD	S	L
8982	6677	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{v}\right)$	AB	CD	S	S
8983	6678	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{v}\right)$	AB	CD	S	T
8984	6679	1	$\sqrt{\frac{v^2 - u + u (\cos(w))^2}{v^2}}$	AB	CD	S	P
8985	6680	1	$\sqrt{-\frac{v^2 - u + u (\cos(w))^2}{v^2}}$	AB	CD	S	H
8986	6681	1	$\frac{\sqrt{u} \tan(w)}{v}$	AB	CD	T	CD

8987	6682	1	$\frac{v}{\sqrt{u} \tan(w)}$	AB	CD	T	CDI
8988	6683	1	$\frac{\sqrt{u} \tan(w) \pi}{v}$	AB	CD	T	CDF
8989	6683	2	$\frac{\sqrt{u} \tan(w) \pi}{v}$	AB	CDF	T	CD
8990	6684	1	$\frac{v}{\sqrt{u} \tan(w) \pi}$	AB	CD	T	CDIF
8991	6684	2	$\frac{v}{\sqrt{u} \tan(w) \pi}$	AB	CDF	T	CDI
8992	6685	1	$\frac{u (\tan(w))^2}{v^2}$	AB	CD	T	AB
8993	6686	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{v}}$	AB	CD	T	R
8994	6687	1	$\frac{u^{3/2} (\tan(w))^3}{v^3}$	AB	CD	T	K
8995	6688	1	$e^{\frac{\sqrt{u} \tan(w)}{v}}$	AB	CD	T	E
8996	6689	1	$\log\left(\frac{\sqrt{u} \tan(w)}{v}\right)$	AB	CD	T	L
8997	6690	1	$\arcsin\left(\frac{\sqrt{u} \tan(w)}{v}\right)$	AB	CD	T	S
8998	6691	1	$\arctan\left(\frac{\sqrt{u} \tan(w)}{v}\right)$	AB	CD	T	T
8999	6692	1	$\sqrt{-\frac{-v^2 + u (\tan(w))^2}{v^2}}$	AB	CD	T	P
9000	6693	1	$\sqrt{\frac{v^2 + u (\tan(w))^2}{v^2}}$	AB	CD	T	H
9001	6694	1	$\frac{\sqrt{u} \sqrt{1-w^2}}{v}$	AB	CD	P	CD

9002	6695	1	$\frac{v}{\sqrt{u}\sqrt{1-w^2}}$	AB	CD	P	CDI
9003	6696	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}$	AB	CD	P	CDF
9004	6696	2	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}$	AB	CDF	P	CD
9005	6697	1	$\frac{v}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	CD	P	CDIF
9006	6697	2	$\frac{v}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	CDF	P	CDI
9007	6698	1	$-\frac{u(-1+w^2)}{v^2}$	AB	CD	P	AB
9008	6699	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{v}}$	AB	CD	P	R
9009	6700	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{v^3}$	AB	CD	P	K
9010	6701	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{v}}$	AB	CD	P	E
9011	6702	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{v}\right)$	AB	CD	P	L
9012	6703	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{v}\right)$	AB	CD	P	S
9013	6704	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{v}\right)$	AB	CD	P	T
9014	6705	1	$\sqrt{\frac{v^2-u+uw^2}{v^2}}$	AB	CD	P	P
9015	6705	2	$\sqrt{\frac{v^2-u+uw^2}{v^2}}$	AB	CD	H	H
9016	6706	1	$\sqrt{-\frac{v^2-u+uw^2}{v^2}}$	AB	CD	P	H

9017	6706	2	$\sqrt{-\frac{-v^2 - u + uw^2}{v^2}}$	AB	CD	H	P
9018	6707	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{v}$	AB	CD	H	CD
9019	6708	1	$\frac{v}{\sqrt{u}\sqrt{-1+w^2}}$	AB	CD	H	CDI
9020	6709	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}$	AB	CD	H	CDF
9021	6709	2	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}$	AB	CDF	H	CD
9022	6710	1	$\frac{v}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	CD	H	CDIF
9023	6710	2	$\frac{v}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	CDF	H	CDI
9024	6711	1	$\frac{u(-1+w^2)}{v^2}$	AB	CD	H	AB
9025	6712	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{v}}$	AB	CD	H	R
9026	6713	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{v^3}$	AB	CD	H	K
9027	6714	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{v}}$	AB	CD	H	E
9028	6715	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{v}\right)$	AB	CD	H	L
9029	6716	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{v}\right)$	AB	CD	H	S
9030	6717	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{v}\right)$	AB	CD	H	T
9031	6718	1	$\sqrt{u}vw$	AB	CDI	CD	CD
9032	6718	2	$\sqrt{u}vw$	AB	CDI	CDF	CDF

9033	6718	3	$\sqrt{uvw}$	AB	CDIF	CDF	CD
9034	6719	1	$\frac{1}{\sqrt{uvw}}$	AB	CDI	CD	CDI
9035	6719	2	$\frac{1}{\sqrt{uvw}}$	AB	CDI	CDF	CDIF
9036	6719	3	$\frac{1}{\sqrt{uvw}}$	AB	CDIF	CDF	CDI
9037	6720	1	$\sqrt{uvw}\pi$	AB	CDI	CD	CDF
9038	6720	2	$\sqrt{uvw}\pi$	AB	CDIF	CD	CD
9039	6720	3	$\sqrt{uvw}\pi$	AB	CDIF	CDF	CDF
9040	6721	1	$\frac{1}{\sqrt{uvw}\pi}$	AB	CDI	CD	CDIF
9041	6721	2	$\frac{1}{\sqrt{uvw}\pi}$	AB	CDIF	CD	CDI
9042	6721	3	$\frac{1}{\sqrt{uvw}\pi}$	AB	CDIF	CDF	CDIF
9043	6722	1	uv^2w^2	AB	CDI	CD	AB
9044	6722	2	uv^2w^2	AB	CDIF	CDF	AB
9045	6723	1	$\sqrt{\sqrt{uvw}}$	AB	CDI	CD	R
9046	6723	2	$\sqrt{\sqrt{uvw}}$	AB	CDIF	CDF	R
9047	6724	1	$u^{3/2}v^3w^3$	AB	CDI	CD	K
9048	6724	2	$u^{3/2}v^3w^3$	AB	CDIF	CDF	K
9049	6725	1	$e^{\sqrt{uvw}}$	AB	CDI	CD	E
9050	6725	2	$e^{\sqrt{uvw}}$	AB	CDIF	CDF	E
9051	6726	1	$\log(\sqrt{uvw})$	AB	CDI	CD	L
9052	6726	2	$\log(\sqrt{uvw})$	AB	CDIF	CDF	L
9053	6727	1	$\arcsin(\sqrt{uvw})$	AB	CDI	CD	S

9054	6727	2	$\arcsin(\sqrt{uvw})$	AB	CDIF	CDF	S
9055	6728	1	$\arctan(\sqrt{uvw})$	AB	CDI	CD	T
9056	6728	2	$\arctan(\sqrt{uvw})$	AB	CDIF	CDF	T
9057	6729	1	$\sqrt{1-uv^2w^2}$	AB	CDI	CD	P
9058	6729	2	$\sqrt{1-uv^2w^2}$	AB	CDIF	CDF	P
9059	6730	1	$\sqrt{1+uv^2w^2}$	AB	CDI	CD	H
9060	6730	2	$\sqrt{1+uv^2w^2}$	AB	CDIF	CDF	H
9061	6731	1	$\frac{\sqrt{uv}}{w}$	AB	CDI	CDI	CD
9062	6731	2	$\frac{\sqrt{uv}}{w}$	AB	CDI	CDIF	CDF
9063	6731	3	$\frac{\sqrt{uv}}{w}$	AB	CDIF	CDIF	CD
9064	6732	1	$\frac{w}{\sqrt{uv}}$	AB	CDI	CDI	CDI
9065	6732	2	$\frac{w}{\sqrt{uv}}$	AB	CDI	CDIF	CDIF
9066	6732	3	$\frac{w}{\sqrt{uv}}$	AB	CDIF	CDIF	CDI
9067	6733	1	$\frac{\sqrt{uv}\pi}{w}$	AB	CDI	CDI	CDF
9068	6733	2	$\frac{\sqrt{uv}\pi}{w}$	AB	CDIF	CDI	CD
9069	6733	3	$\frac{\sqrt{uv}\pi}{w}$	AB	CDIF	CDIF	CDF
9070	6734	1	$\frac{w}{\sqrt{uv}\pi}$	AB	CDI	CDI	CDIF
9071	6734	2	$\frac{w}{\sqrt{uv}\pi}$	AB	CDIF	CDI	CDI
9072	6734	3	$\frac{w}{\sqrt{uv}\pi}$	AB	CDIF	CDIF	CDIF
9073	6735	1	$\sqrt{\frac{\sqrt{uv}}{w}}$	AB	CDI	CDI	R

9074	6735	2	$\sqrt{\frac{\sqrt{uv}}{w}}$	AB	CDIF	CDIF	R
9075	6736	1	$\frac{u^{3/2}v^3}{w^3}$	AB	CDI	CDI	K
9076	6736	2	$\frac{u^{3/2}v^3}{w^3}$	AB	CDIF	CDIF	K
9077	6737	1	$e^{\frac{\sqrt{uv}}{w}}$	AB	CDI	CDI	E
9078	6737	2	$e^{\frac{\sqrt{uv}}{w}}$	AB	CDIF	CDIF	E
9079	6738	1	$\log\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDI	CDI	L
9080	6738	2	$\log\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDIF	CDIF	L
9081	6739	1	$\arcsin\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDI	CDI	S
9082	6739	2	$\arcsin\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDIF	CDIF	S
9083	6740	1	$\arctan\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDI	CDI	T
9084	6740	2	$\arctan\left(\frac{\sqrt{uv}}{w}\right)$	AB	CDIF	CDIF	T
9085	6741	1	$\sqrt{-\frac{w^2 + uv^2}{w^2}}$	AB	CDI	CDI	P
9086	6741	2	$\sqrt{-\frac{w^2 + uv^2}{w^2}}$	AB	CDIF	CDIF	P
9087	6742	1	$\sqrt{\frac{w^2 + uv^2}{w^2}}$	AB	CDI	CDI	H
9088	6742	2	$\sqrt{\frac{w^2 + uv^2}{w^2}}$	AB	CDIF	CDIF	H
9089	6743	1	$\frac{\sqrt{uvw}}{\pi}$	AB	CDI	CDF	CD
9090	6744	1	$\frac{\pi}{\sqrt{uvw}}$	AB	CDI	CDF	CDI

9091	6745	1	$\frac{uv^2w^2}{\pi^2}$	AB	CDI	CDF	AB
9092	6746	1	$\sqrt{\frac{\sqrt{uvw}}{\pi}}$	AB	CDI	CDF	R
9093	6747	1	$\frac{u^{3/2}v^3w^3}{\pi^3}$	AB	CDI	CDF	K
9094	6748	1	$e^{\frac{\sqrt{uvw}}{\pi}}$	AB	CDI	CDF	E
9095	6749	1	$\log\left(\frac{\sqrt{uvw}}{\pi}\right)$	AB	CDI	CDF	L
9096	6750	1	$\arcsin\left(\frac{\sqrt{uvw}}{\pi}\right)$	AB	CDI	CDF	S
9097	6751	1	$\arctan\left(\frac{\sqrt{uvw}}{\pi}\right)$	AB	CDI	CDF	T
9098	6752	1	$\sqrt{-\frac{\pi^2 + uv^2w^2}{\pi^2}}$	AB	CDI	CDF	P
9099	6753	1	$\sqrt{\frac{\pi^2 + uv^2w^2}{\pi^2}}$	AB	CDI	CDF	H
9100	6754	1	$\frac{\sqrt{uv}}{w\pi}$	AB	CDI	CDIF	CD
9101	6755	1	$\frac{w\pi}{\sqrt{uv}}$	AB	CDI	CDIF	CDI
9102	6756	1	$\frac{uv^2}{w^2\pi^2}$	AB	CDI	CDIF	AB
9103	6757	1	$\sqrt{\frac{\sqrt{uv}}{w\pi}}$	AB	CDI	CDIF	R
9104	6758	1	$\frac{u^{3/2}v^3}{w^3\pi^3}$	AB	CDI	CDIF	K

9105	6759	1	$e^{\frac{\sqrt{uv}}{w\pi}}$	AB	CDI	CDIF	E
9106	6760	1	$\log\left(\frac{\sqrt{uv}}{w\pi}\right)$	AB	CDI	CDIF	L
9107	6761	1	$\arcsin\left(\frac{\sqrt{uv}}{w\pi}\right)$	AB	CDI	CDIF	S
9108	6762	1	$\arctan\left(\frac{\sqrt{uv}}{w\pi}\right)$	AB	CDI	CDIF	T
9109	6763	1	$\sqrt{-\frac{w^2\pi^2 + uv^2}{w^2\pi^2}}$	AB	CDI	CDIF	P
9110	6764	1	$\sqrt{\frac{w^2\pi^2 + uv^2}{w^2\pi^2}}$	AB	CDI	CDIF	H
9111	6765	1	$\sqrt{uv}\sqrt{w}$	AB	CDI	AB	CD
9112	6766	1	$\frac{1}{\sqrt{uv}\sqrt{w}}$	AB	CDI	AB	CDI
9113	6767	1	$\sqrt{uv}\sqrt{w}\pi$	AB	CDI	AB	CDF
9114	6767	2	$\sqrt{uv}\sqrt{w}\pi$	AB	CDIF	AB	CD
9115	6768	1	$\frac{1}{\sqrt{uv}\sqrt{w}\pi}$	AB	CDI	AB	CDIF
9116	6768	2	$\frac{1}{\sqrt{uv}\sqrt{w}\pi}$	AB	CDIF	AB	CDI
9117	6769	1	$\sqrt{\sqrt{uv}\sqrt{w}}$	AB	CDI	AB	R
9118	6770	1	$u^{3/2}v^3w^{3/2}$	AB	CDI	AB	K
9119	6771	1	$e^{\sqrt{uv}\sqrt{w}}$	AB	CDI	AB	E
9120	6772	1	$\log(\sqrt{uv}\sqrt{w})$	AB	CDI	AB	L

9121	6773	1	$\arcsin(\sqrt{uv}\sqrt{w})$	AB	CDI	AB	S
9122	6774	1	$\arctan(\sqrt{uv}\sqrt{w})$	AB	CDI	AB	T
9123	6775	1	$\sqrt{1-uv^2w}$	AB	CDI	AB	P
9124	6776	1	$\sqrt{1+uv^2w}$	AB	CDI	AB	H
9125	6777	1	$\sqrt{uvw^2}$	AB	CDI	R	CD
9126	6778	1	$\frac{1}{\sqrt{uvw^2}}$	AB	CDI	R	CDI
9127	6779	1	$\sqrt{uvw^2}\pi$	AB	CDI	R	CDF
9128	6779	2	$\sqrt{uvw^2}\pi$	AB	CDIF	R	CD
9129	6780	1	$\frac{1}{\sqrt{uvw^2}\pi}$	AB	CDI	R	CDIF
9130	6780	2	$\frac{1}{\sqrt{uvw^2}\pi}$	AB	CDIF	R	CDI
9131	6781	1	uv^2w^4	AB	CDI	R	AB
9132	6782	1	$\sqrt{\sqrt{uvw^2}}$	AB	CDI	R	R
9133	6783	1	$u^{3/2}v^3w^6$	AB	CDI	R	K
9134	6784	1	$e^{\sqrt{uvw^2}}$	AB	CDI	R	E
9135	6785	1	$\log(\sqrt{uvw^2})$	AB	CDI	R	L
9136	6786	1	$\arcsin(\sqrt{uvw^2})$	AB	CDI	R	S
9137	6787	1	$\arctan(\sqrt{uvw^2})$	AB	CDI	R	T

9138	6788	1	$\sqrt{1 - uv^2w^4}$	AB	CDI	R	P
9139	6789	1	$\sqrt{1 + uv^2w^4}$	AB	CDI	R	H
9140	6790	1	$\sqrt{uv} \sqrt[3]{w}$	AB	CDI	K	CD
9141	6791	1	$\frac{1}{\sqrt{uv} \sqrt[3]{w}}$	AB	CDI	K	CDI
9142	6792	1	$\sqrt{uv} \sqrt[3]{w} \pi$	AB	CDI	K	CDF
9143	6792	2	$\sqrt{uv} \sqrt[3]{w} \pi$	AB	CDIF	K	CD
9144	6793	1	$\frac{1}{\sqrt{uv} \sqrt[3]{w} \pi}$	AB	CDI	K	CDIF
9145	6793	2	$\frac{1}{\sqrt{uv} \sqrt[3]{w} \pi}$	AB	CDIF	K	CDI
9146	6794	1	$uv^2w^{2/3}$	AB	CDI	K	AB
9147	6795	1	$\sqrt{\sqrt{uv} \sqrt[3]{w}}$	AB	CDI	K	R
9148	6796	1	$u^{3/2}v^3w$	AB	CDI	K	K
9149	6797	1	$e^{\sqrt{uv} \sqrt[3]{w}}$	AB	CDI	K	E
9150	6798	1	$\log(\sqrt{uv} \sqrt[3]{w})$	AB	CDI	K	L
9151	6799	1	$\arcsin(\sqrt{uv} \sqrt[3]{w})$	AB	CDI	K	S
9152	6800	1	$\arctan(\sqrt{uv} \sqrt[3]{w})$	AB	CDI	K	T
9153	6801	1	$\sqrt{1 - uv^2w^{2/3}}$	AB	CDI	K	P
9154	6802	1	$\sqrt{1 + uv^2w^{2/3}}$	AB	CDI	K	H

9155	6803	1	$\sqrt{uv} \ln(w)$	AB	CDI	E	CD
9156	6804	1	$\frac{1}{\sqrt{uv} \ln(w)}$	AB	CDI	E	CDI
9157	6805	1	$\sqrt{uv} \ln(w) \pi$	AB	CDI	E	CDF
9158	6805	2	$\sqrt{uv} \ln(w) \pi$	AB	CDIF	E	CD
9159	6806	1	$\frac{1}{\sqrt{uv} \ln(w) \pi}$	AB	CDI	E	CDIF
9160	6806	2	$\frac{1}{\sqrt{uv} \ln(w) \pi}$	AB	CDIF	E	CDI
9161	6807	1	$uv^2 (\ln(w))^2$	AB	CDI	E	AB
9162	6808	1	$\sqrt{\sqrt{uv} \ln(w)}$	AB	CDI	E	R
9163	6809	1	$u^{3/2} v^3 (\ln(w))^3$	AB	CDI	E	K
9164	6810	1	$w^{\sqrt{uv}}$	AB	CDI	E	E
9165	6811	1	$\log(\sqrt{uv} \ln(w))$	AB	CDI	E	L
9166	6812	1	$\arcsin(\sqrt{uv} \ln(w))$	AB	CDI	E	S
9167	6813	1	$\arctan(\sqrt{uv} \ln(w))$	AB	CDI	E	T
9168	6814	1	$\sqrt{1 - uv^2 (\ln(w))^2}$	AB	CDI	E	P
9169	6815	1	$\sqrt{1 + uv^2 (\ln(w))^2}$	AB	CDI	E	H
9170	6816	1	$\sqrt{uv} \text{Exp}(w)$	AB	CDI	L	CD
9171	6817	1	$\frac{1}{\sqrt{uv} \text{Exp}(w)}$	AB	CDI	L	CDI

9172	6818	1	$\sqrt{uv} \text{Exp}(w) \pi$	AB	CDI	L	CDF
9173	6818	2	$\sqrt{uv} \text{Exp}(w) \pi$	AB	CDIF	L	CD
9174	6819	1	$\frac{1}{\sqrt{uv} \text{Exp}(w) \pi}$	AB	CDI	L	CDIF
9175	6819	2	$\frac{1}{\sqrt{uv} \text{Exp}(w) \pi}$	AB	CDIF	L	CDI
9176	6820	1	$uv^2 (\text{Exp}(w))^2$	AB	CDI	L	AB
9177	6821	1	$\sqrt{\sqrt{uv} \text{Exp}(w)}$	AB	CDI	L	R
9178	6822	1	$u^{3/2} v^3 (\text{Exp}(w))^3$	AB	CDI	L	K
9179	6823	1	$e^{\sqrt{uv} \text{Exp}(w)}$	AB	CDI	L	E
9180	6824	1	$\log(\sqrt{uv} \text{Exp}(w))$	AB	CDI	L	L
9181	6825	1	$\arcsin(\sqrt{uv} \text{Exp}(w))$	AB	CDI	L	S
9182	6826	1	$\arctan(\sqrt{uv} \text{Exp}(w))$	AB	CDI	L	T
9183	6827	1	$\sqrt{1 - uv^2 (\text{Exp}(w))^2}$	AB	CDI	L	P
9184	6828	1	$\sqrt{1 + uv^2 (\text{Exp}(w))^2}$	AB	CDI	L	H
9185	6829	1	$\sqrt{uv} \sin(w)$	AB	CDI	S	CD
9186	6830	1	$\frac{1}{\sqrt{uv} \sin(w)}$	AB	CDI	S	CDI
9187	6831	1	$\sqrt{uv} \sin(w) \pi$	AB	CDI	S	CDF
9188	6831	2	$\sqrt{uv} \sin(w) \pi$	AB	CDIF	S	CD

9189	6832	1	$\frac{1}{\sqrt{uv} \sin(w) \pi}$	AB	CDI	S	CDIF
9190	6832	2	$\frac{1}{\sqrt{uv} \sin(w) \pi}$	AB	CDIF	S	CDI
9191	6833	1	$uv^2 (\sin(w))^2$	AB	CDI	S	AB
9192	6834	1	$\sqrt{\sqrt{uv} \sin(w)}$	AB	CDI	S	R
9193	6835	1	$u^{3/2} v^3 (\sin(w))^3$	AB	CDI	S	K
9194	6836	1	$e^{\sqrt{uv} \sin(w)}$	AB	CDI	S	E
9195	6837	1	$\log(\sqrt{uv} \sin(w))$	AB	CDI	S	L
9196	6838	1	$\arcsin(\sqrt{uv} \sin(w))$	AB	CDI	S	S
9197	6839	1	$\arctan(\sqrt{uv} \sin(w))$	AB	CDI	S	T
9198	6840	1	$\sqrt{1 - uv^2 + uv^2 (\cos(w))^2}$	AB	CDI	S	P
9199	6841	1	$\sqrt{1 + uv^2 - uv^2 (\cos(w))^2}$	AB	CDI	S	H
9200	6842	1	$\sqrt{uv} \tan(w)$	AB	CDI	T	CD
9201	6843	1	$\frac{1}{\sqrt{uv} \tan(w)}$	AB	CDI	T	CDI
9202	6844	1	$\sqrt{uv} \tan(w) \pi$	AB	CDI	T	CDF
9203	6844	2	$\sqrt{uv} \tan(w) \pi$	AB	CDIF	T	CD
9204	6845	1	$\frac{1}{\sqrt{uv} \tan(w) \pi}$	AB	CDI	T	CDIF
9205	6845	2	$\frac{1}{\sqrt{uv} \tan(w) \pi}$	AB	CDIF	T	CDI

9206	6846	1	$uv^2 (\tan (w))^2$	AB	CDI	T	AB
9207	6847	1	$\sqrt{\sqrt{uv} \tan (w)}$	AB	CDI	T	R
9208	6848	1	$u^{3/2} v^3 (\tan (w))^3$	AB	CDI	T	K
9209	6849	1	$e^{\sqrt{uv} \tan (w)}$	AB	CDI	T	E
9210	6850	1	$\log (\sqrt{uv} \tan (w))$	AB	CDI	T	L
9211	6851	1	$\arcsin (\sqrt{uv} \tan (w))$	AB	CDI	T	S
9212	6852	1	$\arctan (\sqrt{uv} \tan (w))$	AB	CDI	T	T
9213	6853	1	$\sqrt{1-uv^2 (\tan (w))^2}$	AB	CDI	T	P
9214	6854	1	$\sqrt{1+uv^2 (\tan (w))^2}$	AB	CDI	T	H
9215	6855	1	$\sqrt{uv} \sqrt{1-w^2}$	AB	CDI	P	CD
9216	6856	1	$\frac{1}{\sqrt{uv} \sqrt{1-w^2}}$	AB	CDI	P	CDI
9217	6857	1	$\sqrt{uv} \sqrt{1-w^2} \pi$	AB	CDI	P	CDF
9218	6857	2	$\sqrt{uv} \sqrt{1-w^2} \pi$	AB	CDIF	P	CD
9219	6858	1	$\frac{1}{\sqrt{uv} \sqrt{1-w^2} \pi}$	AB	CDI	P	CDIF
9220	6858	2	$\frac{1}{\sqrt{uv} \sqrt{1-w^2} \pi}$	AB	CDIF	P	CDI
9221	6859	1	$-uv^2 (-1+w^2)$	AB	CDI	P	AB
9222	6860	1	$\sqrt{\sqrt{uv} \sqrt{1-w^2}}$	AB	CDI	P	R

9223	6861	1	$u^{3/2}v^3(1-w^2)^{3/2}$	AB	CDI	P	K
9224	6862	1	$e^{\sqrt{uv}\sqrt{1-w^2}}$	AB	CDI	P	E
9225	6863	1	$\log\left(\sqrt{uv}\sqrt{1-w^2}\right)$	AB	CDI	P	L
9226	6864	1	$\arcsin\left(\sqrt{uv}\sqrt{1-w^2}\right)$	AB	CDI	P	S
9227	6865	1	$\arctan\left(\sqrt{uv}\sqrt{1-w^2}\right)$	AB	CDI	P	T
9228	6866	1	$\sqrt{1-uv^2+uv^2w^2}$	AB	CDI	P	P
9229	6866	2	$\sqrt{1-uv^2+uv^2w^2}$	AB	CDI	H	H
9230	6867	1	$\sqrt{1+uv^2-uv^2w^2}$	AB	CDI	P	H
9231	6867	2	$\sqrt{1+uv^2-uv^2w^2}$	AB	CDI	H	P
9232	6868	1	$\sqrt{uv}\sqrt{-1+w^2}$	AB	CDI	H	CD
9233	6869	1	$\frac{1}{\sqrt{uv}\sqrt{-1+w^2}}$	AB	CDI	H	CDI
9234	6870	1	$\sqrt{uv}\sqrt{-1+w^2}\pi$	AB	CDI	H	CDF
9235	6870	2	$\sqrt{uv}\sqrt{-1+w^2}\pi$	AB	CDIF	H	CD
9236	6871	1	$\frac{1}{\sqrt{uv}\sqrt{-1+w^2}\pi}$	AB	CDI	H	CDIF
9237	6871	2	$\frac{1}{\sqrt{uv}\sqrt{-1+w^2}\pi}$	AB	CDIF	H	CDI
9238	6872	1	$uv^2(-1+w^2)$	AB	CDI	H	AB
9239	6873	1	$\sqrt{\sqrt{uv}\sqrt{-1+w^2}}$	AB	CDI	H	R
9240	6874	1	$u^{3/2}v^3(-1+w^2)^{3/2}$	AB	CDI	H	K

9241	6875	1	$e^{\sqrt{uv}\sqrt{-1+w^2}}$	AB	CDI	H	E
9242	6876	1	$\log\left(\sqrt{uv}\sqrt{-1+w^2}\right)$	AB	CDI	H	L
9243	6877	1	$\arcsin\left(\sqrt{uv}\sqrt{-1+w^2}\right)$	AB	CDI	H	S
9244	6878	1	$\arctan\left(\sqrt{uv}\sqrt{-1+w^2}\right)$	AB	CDI	H	T
9245	6879	1	$\frac{\sqrt{uw}\pi^2}{v}$	AB	CDF	CD	CDF
9246	6880	1	$\frac{v}{\sqrt{uw}\pi^2}$	AB	CDF	CD	CDIF
9247	6881	1	$\frac{uw^2\pi^2}{v^2}$	AB	CDF	CD	AB
9248	6882	1	$\sqrt{\frac{\sqrt{uw}\pi}{v}}$	AB	CDF	CD	R
9249	6883	1	$\frac{u^{3/2}w^3\pi^3}{v^3}$	AB	CDF	CD	K
9250	6884	1	$e^{\frac{\sqrt{uw}\pi}{v}}$	AB	CDF	CD	E
9251	6885	1	$\log\left(\frac{\sqrt{uw}\pi}{v}\right)$	AB	CDF	CD	L
9252	6886	1	$\arcsin\left(\frac{\sqrt{uw}\pi}{v}\right)$	AB	CDF	CD	S
9253	6887	1	$\arctan\left(\frac{\sqrt{uw}\pi}{v}\right)$	AB	CDF	CD	T
9254	6888	1	$\sqrt{-\frac{v^2+uw^2\pi^2}{v^2}}$	AB	CDF	CD	P
9255	6889	1	$\sqrt{\frac{v^2+uw^2\pi^2}{v^2}}$	AB	CDF	CD	H

9256	6890	1	$\frac{\sqrt{u}\pi^2}{vw}$	AB	CDF	CDI	CDF
9257	6891	1	$\frac{vw}{\sqrt{u}\pi^2}$	AB	CDF	CDI	CDIF
9258	6892	1	$\frac{u\pi^2}{v^2w^2}$	AB	CDF	CDI	AB
9259	6893	1	$\sqrt{\frac{\sqrt{u}\pi}{vw}}$	AB	CDF	CDI	R
9260	6894	1	$\frac{u^{3/2}\pi^3}{v^3w^3}$	AB	CDF	CDI	K
9261	6895	1	$e^{\frac{\sqrt{u}\pi}{vw}}$	AB	CDF	CDI	E
9262	6896	1	$\log\left(\frac{\sqrt{u}\pi}{vw}\right)$	AB	CDF	CDI	L
9263	6897	1	$\arcsin\left(\frac{\sqrt{u}\pi}{vw}\right)$	AB	CDF	CDI	S
9264	6898	1	$\arctan\left(\frac{\sqrt{u}\pi}{vw}\right)$	AB	CDF	CDI	T
9265	6899	1	$\sqrt{-\frac{v^2w^2 + u\pi^2}{v^2w^2}}$	AB	CDF	CDI	P
9266	6900	1	$\sqrt{\frac{v^2w^2 + u\pi^2}{v^2w^2}}$	AB	CDF	CDI	H
9267	6901	1	$\frac{\sqrt{u}\sqrt{w}\pi^2}{v}$	AB	CDF	AB	CDF
9268	6902	1	$\frac{v}{\sqrt{u}\sqrt{w}\pi^2}$	AB	CDF	AB	CDIF
9269	6903	1	$\frac{uw\pi^2}{v^2}$	AB	CDF	AB	AB

9270	6904	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}\pi}{v}}$	AB	CDF	AB	R
9271	6905	1	$\frac{u^{3/2}w^{3/2}\pi^3}{v^3}$	AB	CDF	AB	K
9272	6906	1	$e^{\frac{\sqrt{u}\sqrt{w}\pi}{v}}$	AB	CDF	AB	E
9273	6907	1	$\log\left(\frac{\sqrt{u}\sqrt{w}\pi}{v}\right)$	AB	CDF	AB	L
9274	6908	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}\pi}{v}\right)$	AB	CDF	AB	S
9275	6909	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}\pi}{v}\right)$	AB	CDF	AB	T
9276	6910	1	$\sqrt{-\frac{v^2 + uw\pi^2}{v^2}}$	AB	CDF	AB	P
9277	6911	1	$\sqrt{\frac{v^2 + uw\pi^2}{v^2}}$	AB	CDF	AB	H
9278	6912	1	$\frac{\sqrt{u}w^2\pi^2}{v}$	AB	CDF	R	CDF
9279	6913	1	$\frac{v}{\sqrt{u}w^2\pi^2}$	AB	CDF	R	CDIF
9280	6914	1	$\frac{uw^4\pi^2}{v^2}$	AB	CDF	R	AB
9281	6915	1	$\sqrt{\frac{\sqrt{u}w^2\pi}{v}}$	AB	CDF	R	R
9282	6916	1	$\frac{u^{3/2}w^6\pi^3}{v^3}$	AB	CDF	R	K
9283	6917	1	$e^{\frac{\sqrt{u}w^2\pi}{v}}$	AB	CDF	R	E
9284	6918	1	$\log\left(\frac{\sqrt{u}w^2\pi}{v}\right)$	AB	CDF	R	L

9285	6919	1	$\arcsin\left(\frac{\sqrt{u}w^2\pi}{v}\right)$	AB	CDF	R	S
9286	6920	1	$\arctan\left(\frac{\sqrt{u}w^2\pi}{v}\right)$	AB	CDF	R	T
9287	6921	1	$\sqrt{-\frac{v^2 + uw^4\pi^2}{v^2}}$	AB	CDF	R	P
9288	6922	1	$\sqrt{\frac{v^2 + uw^4\pi^2}{v^2}}$	AB	CDF	R	H
9289	6923	1	$\frac{\sqrt{u}\sqrt[3]{w\pi^2}}{v}$	AB	CDF	K	CDF
9290	6924	1	$\frac{v}{\sqrt{u}\sqrt[3]{w\pi^2}}$	AB	CDF	K	CDIF
9291	6925	1	$\frac{uw^{2/3}\pi^2}{v^2}$	AB	CDF	K	AB
9292	6926	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w\pi}}{v}}$	AB	CDF	K	R
9293	6927	1	$\frac{u^{3/2}w\pi^3}{v^3}$	AB	CDF	K	K
9294	6928	1	$e^{\frac{\sqrt{u}\sqrt[3]{w\pi}}{v}}$	AB	CDF	K	E
9295	6929	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w\pi}}{v}\right)$	AB	CDF	K	L
9296	6930	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w\pi}}{v}\right)$	AB	CDF	K	S
9297	6931	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w\pi}}{v}\right)$	AB	CDF	K	T
9298	6932	1	$\sqrt{-\frac{v^2 + uw^{2/3}\pi^2}{v^2}}$	AB	CDF	K	P

9299	6933	1	$\sqrt{\frac{v^2 + uw^{2/3}\pi^2}{v^2}}$	AB	CDF	K	H
9300	6934	1	$\frac{\sqrt{u} \ln(w) \pi^2}{v}$	AB	CDF	E	CDF
9301	6935	1	$\frac{v}{\sqrt{u} \ln(w) \pi^2}$	AB	CDF	E	CDIF
9302	6936	1	$\frac{u (\ln(w))^2 \pi^2}{v^2}$	AB	CDF	E	AB
9303	6937	1	$\sqrt{\frac{\sqrt{u} \ln(w) \pi}{v}}$	AB	CDF	E	R
9304	6938	1	$\frac{u^{3/2} (\ln(w))^3 \pi^3}{v^3}$	AB	CDF	E	K
9305	6939	1	$w^{\frac{\sqrt{u}\pi}{v}}$	AB	CDF	E	E
9306	6940	1	$\log\left(\frac{\sqrt{u} \ln(w) \pi}{v}\right)$	AB	CDF	E	L
9307	6941	1	$\arcsin\left(\frac{\sqrt{u} \ln(w) \pi}{v}\right)$	AB	CDF	E	S
9308	6942	1	$\arctan\left(\frac{\sqrt{u} \ln(w) \pi}{v}\right)$	AB	CDF	E	T
9309	6943	1	$\sqrt{-\frac{v^2 + u (\ln(w))^2 \pi^2}{v^2}}$	AB	CDF	E	P
9310	6944	1	$\sqrt{\frac{v^2 + u (\ln(w))^2 \pi^2}{v^2}}$	AB	CDF	E	H
9311	6945	1	$\frac{\sqrt{u} \text{Exp}(w) \pi^2}{v}$	AB	CDF	L	CDF
9312	6946	1	$\frac{v}{\sqrt{u} \text{Exp}(w) \pi^2}$	AB	CDF	L	CDIF
9313	6947	1	$\frac{u (\text{Exp}(w))^2 \pi^2}{v^2}$	AB	CDF	L	AB

9314	6948	1	$\sqrt{\frac{\sqrt{u} \text{Exp}(w) \pi}{v}}$	AB	CDF	L	R
9315	6949	1	$\frac{u^{3/2} (\text{Exp}(w))^3 \pi^3}{v^3}$	AB	CDF	L	K
9316	6950	1	$e^{\frac{\sqrt{u} \text{Exp}(w) \pi}{v}}$	AB	CDF	L	E
9317	6951	1	$\log\left(\frac{\sqrt{u} \text{Exp}(w) \pi}{v}\right)$	AB	CDF	L	L
9318	6952	1	$\arcsin\left(\frac{\sqrt{u} \text{Exp}(w) \pi}{v}\right)$	AB	CDF	L	S
9319	6953	1	$\arctan\left(\frac{\sqrt{u} \text{Exp}(w) \pi}{v}\right)$	AB	CDF	L	T
9320	6954	1	$\sqrt{-\frac{v^2 + u (\text{Exp}(w))^2 \pi^2}{v^2}}$	AB	CDF	L	P
9321	6955	1	$\sqrt{\frac{v^2 + u (\text{Exp}(w))^2 \pi^2}{v^2}}$	AB	CDF	L	H
9322	6956	1	$\frac{\sqrt{u} \sin(w) \pi^2}{v}$	AB	CDF	S	CDF
9323	6957	1	$\frac{v}{\sqrt{u} \sin(w) \pi^2}$	AB	CDF	S	CDIF
9324	6958	1	$\frac{u (\sin(w))^2 \pi^2}{v^2}$	AB	CDF	S	AB
9325	6959	1	$\sqrt{\frac{\sqrt{u} \sin(w) \pi}{v}}$	AB	CDF	S	R
9326	6960	1	$\frac{u^{3/2} (\sin(w))^3 \pi^3}{v^3}$	AB	CDF	S	K
9327	6961	1	$e^{\frac{\sqrt{u} \sin(w) \pi}{v}}$	AB	CDF	S	E

9328	6962	1	$\log \left(\frac{\sqrt{u} \sin(w) \pi}{v} \right)$	AB	CDF	S	L
9329	6963	1	$\arcsin \left(\frac{\sqrt{u} \sin(w) \pi}{v} \right)$	AB	CDF	S	S
9330	6964	1	$\arctan \left(\frac{\sqrt{u} \sin(w) \pi}{v} \right)$	AB	CDF	S	T
9331	6965	1	$\sqrt{\frac{v^2 - u\pi^2 + u\pi^2 (\cos(w))^2}{v^2}}$	AB	CDF	S	P
9332	6966	1	$\sqrt{-\frac{v^2 - u\pi^2 + u\pi^2 (\cos(w))^2}{v^2}}$	AB	CDF	S	H
9333	6967	1	$\frac{\sqrt{u} \tan(w) \pi^2}{v}$	AB	CDF	T	CDF
9334	6968	1	$\frac{v}{\sqrt{u} \tan(w) \pi^2}$	AB	CDF	T	CDIF
9335	6969	1	$\frac{u (\tan(w))^2 \pi^2}{v^2}$	AB	CDF	T	AB
9336	6970	1	$\sqrt{\frac{\sqrt{u} \tan(w) \pi}{v}}$	AB	CDF	T	R
9337	6971	1	$\frac{u^{3/2} (\tan(w))^3 \pi^3}{v^3}$	AB	CDF	T	K
9338	6972	1	$e^{\frac{\sqrt{u} \tan(w) \pi}{v}}$	AB	CDF	T	E
9339	6973	1	$\log \left(\frac{\sqrt{u} \tan(w) \pi}{v} \right)$	AB	CDF	T	L
9340	6974	1	$\arcsin \left(\frac{\sqrt{u} \tan(w) \pi}{v} \right)$	AB	CDF	T	S
9341	6975	1	$\arctan \left(\frac{\sqrt{u} \tan(w) \pi}{v} \right)$	AB	CDF	T	T

9342	6976	1	$\sqrt{-\frac{v^2 + u(\tan(w))^2 \pi^2}{v^2}}$	AB	CDF	T	P
9343	6977	1	$\sqrt{\frac{v^2 + u(\tan(w))^2 \pi^2}{v^2}}$	AB	CDF	T	H
9344	6978	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi^2}{v}$	AB	CDF	P	CDF
9345	6979	1	$\frac{v}{\sqrt{u}\sqrt{1-w^2}\pi^2}$	AB	CDF	P	CDIF
9346	6980	1	$-\frac{u\pi^2(-1+w^2)}{v^2}$	AB	CDF	P	AB
9347	6981	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}}$	AB	CDF	P	R
9348	6982	1	$\frac{u^{3/2}\pi^3(1-w^2)^{3/2}}{v^3}$	AB	CDF	P	K
9349	6983	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}}$	AB	CDF	P	E
9350	6984	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}\right)$	AB	CDF	P	L
9351	6985	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}\right)$	AB	CDF	P	S
9352	6986	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}\pi}{v}\right)$	AB	CDF	P	T
9353	6987	1	$\sqrt{\frac{v^2 - u\pi^2 + uw^2\pi^2}{v^2}}$	AB	CDF	P	P
9354	6987	2	$\sqrt{\frac{v^2 - u\pi^2 + uw^2\pi^2}{v^2}}$	AB	CDF	H	H
9355	6988	1	$\sqrt{-\frac{v^2 - u\pi^2 + uw^2\pi^2}{v^2}}$	AB	CDF	P	H

9356	6988	2	$\sqrt{-\frac{-v^2 - u\pi^2 + uw^2\pi^2}{v^2}}$	AB	CDF	H	P
9357	6989	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi^2}{v}$	AB	CDF	H	CDF
9358	6990	1	$\frac{v}{\sqrt{u}\sqrt{-1+w^2}\pi^2}$	AB	CDF	H	CDIF
9359	6991	1	$\frac{u\pi^2(-1+w^2)}{v^2}$	AB	CDF	H	AB
9360	6992	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}}$	AB	CDF	H	R
9361	6993	1	$\frac{u^{3/2}\pi^3(-1+w^2)^{3/2}}{v^3}$	AB	CDF	H	K
9362	6994	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}}$	AB	CDF	H	E
9363	6995	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}\right)$	AB	CDF	H	L
9364	6996	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}\right)$	AB	CDF	H	S
9365	6997	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{v}\right)$	AB	CDF	H	T
9366	6998	1	$\sqrt{uvw}\pi^2$	AB	CDIF	CD	CDF
9367	6999	1	$\frac{1}{\sqrt{uvw}\pi^2}$	AB	CDIF	CD	CDIF
9368	7000	1	$uv^2w^2\pi^2$	AB	CDIF	CD	AB
9369	7001	1	$\sqrt{\sqrt{uvw}\pi}$	AB	CDIF	CD	R
9370	7002	1	$u^{3/2}v^3w^3\pi^3$	AB	CDIF	CD	K

9371	7003	1	$e^{\sqrt{u}vw\pi}$	AB	CDIF	CD	E
9372	7004	1	$\log(\sqrt{u}vw\pi)$	AB	CDIF	CD	L
9373	7005	1	$\arcsin(\sqrt{u}vw\pi)$	AB	CDIF	CD	S
9374	7006	1	$\arctan(\sqrt{u}vw\pi)$	AB	CDIF	CD	T
9375	7007	1	$\sqrt{1-uv^2w^2\pi^2}$	AB	CDIF	CD	P
9376	7008	1	$\sqrt{1+uv^2w^2\pi^2}$	AB	CDIF	CD	H
9377	7009	1	$\frac{\sqrt{u}v\pi^2}{w}$	AB	CDIF	CDI	CDF
9378	7010	1	$\frac{w}{\sqrt{u}v\pi^2}$	AB	CDIF	CDI	CDIF
9379	7011	1	$\frac{uv^2\pi^2}{w^2}$	AB	CDIF	CDI	AB
9380	7012	1	$\sqrt{\frac{\sqrt{u}v\pi}{w}}$	AB	CDIF	CDI	R
9381	7013	1	$\frac{u^{3/2}v^3\pi^3}{w^3}$	AB	CDIF	CDI	K
9382	7014	1	$e^{\frac{\sqrt{u}v\pi}{w}}$	AB	CDIF	CDI	E
9383	7015	1	$\log\left(\frac{\sqrt{u}v\pi}{w}\right)$	AB	CDIF	CDI	L
9384	7016	1	$\arcsin\left(\frac{\sqrt{u}v\pi}{w}\right)$	AB	CDIF	CDI	S
9385	7017	1	$\arctan\left(\frac{\sqrt{u}v\pi}{w}\right)$	AB	CDIF	CDI	T

9386	7018	1	$\sqrt{-\frac{w^2 + uv^2\pi^2}{w^2}}$	AB	CDIF	CDI	P
9387	7019	1	$\sqrt{\frac{w^2 + uv^2\pi^2}{w^2}}$	AB	CDIF	CDI	H
9388	7020	1	$\sqrt{uv}\sqrt{w}\pi^2$	AB	CDIF	AB	CDF
9389	7021	1	$\frac{1}{\sqrt{uv}\sqrt{w}\pi^2}$	AB	CDIF	AB	CDIF
9390	7022	1	$\sqrt{\sqrt{uv}\sqrt{w}\pi}$	AB	CDIF	AB	R
9391	7023	1	$u^{3/2}v^3w^{3/2}\pi^3$	AB	CDIF	AB	K
9392	7024	1	$e^{\sqrt{uv}\sqrt{w}\pi}$	AB	CDIF	AB	E
9393	7025	1	$\log(\sqrt{uv}\sqrt{w}\pi)$	AB	CDIF	AB	L
9394	7026	1	$\arcsin(\sqrt{uv}\sqrt{w}\pi)$	AB	CDIF	AB	S
9395	7027	1	$\arctan(\sqrt{uv}\sqrt{w}\pi)$	AB	CDIF	AB	T
9396	7028	1	$\sqrt{1 - u\pi^2v^2w}$	AB	CDIF	AB	P
9397	7029	1	$\sqrt{1 + u\pi^2v^2w}$	AB	CDIF	AB	H
9398	7030	1	$\sqrt{uvw^2}\pi^2$	AB	CDIF	R	CDF
9399	7031	1	$\frac{1}{\sqrt{uvw^2}\pi^2}$	AB	CDIF	R	CDIF
9400	7032	1	$uv^2w^4\pi^2$	AB	CDIF	R	AB
9401	7033	1	$\sqrt{\sqrt{uvw^2}\pi}$	AB	CDIF	R	R

9402	7034	1	$u^{3/2}v^3w^6\pi^3$	AB	CDIF	R	K
9403	7035	1	$e^{\sqrt{uv}w^2\pi}$	AB	CDIF	R	E
9404	7036	1	$\log(\sqrt{uv}w^2\pi)$	AB	CDIF	R	L
9405	7037	1	$\arcsin(\sqrt{uv}w^2\pi)$	AB	CDIF	R	S
9406	7038	1	$\arctan(\sqrt{uv}w^2\pi)$	AB	CDIF	R	T
9407	7039	1	$\sqrt{1-uv^2w^4\pi^2}$	AB	CDIF	R	P
9408	7040	1	$\sqrt{1+uv^2w^4\pi^2}$	AB	CDIF	R	H
9409	7041	1	$\sqrt{uv}\sqrt[3]{w}\pi^2$	AB	CDIF	K	CDF
9410	7042	1	$\frac{1}{\sqrt{uv}\sqrt[3]{w}\pi^2}$	AB	CDIF	K	CDIF
9411	7043	1	$uv^2w^{2/3}\pi^2$	AB	CDIF	K	AB
9412	7044	1	$\sqrt{\sqrt{uv}\sqrt[3]{w}\pi}$	AB	CDIF	K	R
9413	7045	1	$u^{3/2}v^3w\pi^3$	AB	CDIF	K	K
9414	7046	1	$e^{\sqrt{uv}\sqrt[3]{w}\pi}$	AB	CDIF	K	E
9415	7047	1	$\log(\sqrt{uv}\sqrt[3]{w}\pi)$	AB	CDIF	K	L
9416	7048	1	$\arcsin(\sqrt{uv}\sqrt[3]{w}\pi)$	AB	CDIF	K	S
9417	7049	1	$\arctan(\sqrt{uv}\sqrt[3]{w}\pi)$	AB	CDIF	K	T
9418	7050	1	$\sqrt{1-uv^2w^{2/3}\pi^2}$	AB	CDIF	K	P

9419	7051	1	$\sqrt{1 + uv^2 w^{2/3} \pi^2}$	AB	CDIF	K	H
9420	7052	1	$\sqrt{uv} \ln(w) \pi^2$	AB	CDIF	E	CDF
9421	7053	1	$\frac{1}{\sqrt{uv} \ln(w) \pi^2}$	AB	CDIF	E	CDIF
9422	7054	1	$uv^2 (\ln(w))^2 \pi^2$	AB	CDIF	E	AB
9423	7055	1	$\sqrt{\sqrt{uv} \ln(w) \pi}$	AB	CDIF	E	R
9424	7056	1	$u^{3/2} v^3 (\ln(w))^3 \pi^3$	AB	CDIF	E	K
9425	7057	1	$w^{\sqrt{uv} \pi}$	AB	CDIF	E	E
9426	7058	1	$\log(\sqrt{uv} \ln(w) \pi)$	AB	CDIF	E	L
9427	7059	1	$\arcsin(\sqrt{uv} \ln(w) \pi)$	AB	CDIF	E	S
9428	7060	1	$\arctan(\sqrt{uv} \ln(w) \pi)$	AB	CDIF	E	T
9429	7061	1	$\sqrt{1 - uv^2 (\ln(w))^2 \pi^2}$	AB	CDIF	E	P
9430	7062	1	$\sqrt{1 + uv^2 (\ln(w))^2 \pi^2}$	AB	CDIF	E	H
9431	7063	1	$\sqrt{uv} \text{Exp}(w) \pi^2$	AB	CDIF	L	CDF
9432	7064	1	$\frac{1}{\sqrt{uv} \text{Exp}(w) \pi^2}$	AB	CDIF	L	CDIF
9433	7065	1	$uv^2 (\text{Exp}(w))^2 \pi^2$	AB	CDIF	L	AB
9434	7066	1	$\sqrt{\sqrt{uv} \text{Exp}(w) \pi}$	AB	CDIF	L	R

9435	7067	1	$u^{3/2}v^3(Exp(w))^3\pi^3$	AB	CDIF	L	K
9436	7068	1	$e^{\sqrt{uv}Exp(w)\pi}$	AB	CDIF	L	E
9437	7069	1	$\log(\sqrt{uv}Exp(w)\pi)$	AB	CDIF	L	L
9438	7070	1	$\arcsin(\sqrt{uv}Exp(w)\pi)$	AB	CDIF	L	S
9439	7071	1	$\arctan(\sqrt{uv}Exp(w)\pi)$	AB	CDIF	L	T
9440	7072	1	$\sqrt{1-uv^2(Exp(w))^2\pi^2}$	AB	CDIF	L	P
9441	7073	1	$\sqrt{1+uv^2(Exp(w))^2\pi^2}$	AB	CDIF	L	H
9442	7074	1	$\sqrt{uv}\sin(w)\pi^2$	AB	CDIF	S	CDF
9443	7075	1	$\frac{1}{\sqrt{uv}\sin(w)\pi^2}$	AB	CDIF	S	CDIF
9444	7076	1	$uv^2(\sin(w))^2\pi^2$	AB	CDIF	S	AB
9445	7077	1	$\sqrt{\sqrt{uv}\sin(w)\pi}$	AB	CDIF	S	R
9446	7078	1	$u^{3/2}v^3(\sin(w))^3\pi^3$	AB	CDIF	S	K
9447	7079	1	$e^{\sqrt{uv}\sin(w)\pi}$	AB	CDIF	S	E
9448	7080	1	$\log(\sqrt{uv}\sin(w)\pi)$	AB	CDIF	S	L
9449	7081	1	$\arcsin(\sqrt{uv}\sin(w)\pi)$	AB	CDIF	S	S
9450	7082	1	$\arctan(\sqrt{uv}\sin(w)\pi)$	AB	CDIF	S	T

9451	7083	1	$\sqrt{1 - uv^2\pi^2 + uv^2\pi^2 (\cos(w))^2}$	AB	CDIF	S	P
9452	7084	1	$\sqrt{1 + uv^2\pi^2 - uv^2\pi^2 (\cos(w))^2}$	AB	CDIF	S	H
9453	7085	1	$\sqrt{uv} \tan(w) \pi^2$	AB	CDIF	T	CDF
9454	7086	1	$\frac{1}{\sqrt{uv} \tan(w) \pi^2}$	AB	CDIF	T	CDIF
9455	7087	1	$uv^2 (\tan(w))^2 \pi^2$	AB	CDIF	T	AB
9456	7088	1	$\sqrt{\sqrt{uv} \tan(w) \pi}$	AB	CDIF	T	R
9457	7089	1	$u^{3/2}v^3 (\tan(w))^3 \pi^3$	AB	CDIF	T	K
9458	7090	1	$e^{\sqrt{uv} \tan(w) \pi}$	AB	CDIF	T	E
9459	7091	1	$\log(\sqrt{uv} \tan(w) \pi)$	AB	CDIF	T	L
9460	7092	1	$\arcsin(\sqrt{uv} \tan(w) \pi)$	AB	CDIF	T	S
9461	7093	1	$\arctan(\sqrt{uv} \tan(w) \pi)$	AB	CDIF	T	T
9462	7094	1	$\sqrt{1 - uv^2 (\tan(w))^2 \pi^2}$	AB	CDIF	T	P
9463	7095	1	$\sqrt{1 + uv^2 (\tan(w))^2 \pi^2}$	AB	CDIF	T	H
9464	7096	1	$\sqrt{uv} \sqrt{1 - w^2 \pi^2}$	AB	CDIF	P	CDF
9465	7097	1	$\frac{1}{\sqrt{uv} \sqrt{1 - w^2 \pi^2}}$	AB	CDIF	P	CDIF
9466	7098	1	$-uv^2 \pi^2 (-1 + w^2)$	AB	CDIF	P	AB

9467	7099	1	$\sqrt{\sqrt{uv}\sqrt{1-w^2}\pi}$	AB	CDIF	P	R
9468	7100	1	$u^{3/2}v^3\pi^3(1-w^2)^{3/2}$	AB	CDIF	P	K
9469	7101	1	$e^{\sqrt{uv}\sqrt{1-w^2}\pi}$	AB	CDIF	P	E
9470	7102	1	$\log\left(\sqrt{uv}\sqrt{1-w^2}\pi\right)$	AB	CDIF	P	L
9471	7103	1	$\arcsin\left(\sqrt{uv}\sqrt{1-w^2}\pi\right)$	AB	CDIF	P	S
9472	7104	1	$\arctan\left(\sqrt{uv}\sqrt{1-w^2}\pi\right)$	AB	CDIF	P	T
9473	7105	1	$\sqrt{1-uv^2\pi^2+uv^2w^2\pi^2}$	AB	CDIF	P	P
9474	7105	2	$\sqrt{1-uv^2\pi^2+uv^2w^2\pi^2}$	AB	CDIF	H	H
9475	7106	1	$\sqrt{1+uv^2\pi^2-uv^2w^2\pi^2}$	AB	CDIF	P	H
9476	7106	2	$\sqrt{1+uv^2\pi^2-uv^2w^2\pi^2}$	AB	CDIF	H	P
9477	7107	1	$\sqrt{uv}\sqrt{-1+w^2}\pi^2$	AB	CDIF	H	CDF
9478	7108	1	$\frac{1}{\sqrt{uv}\sqrt{-1+w^2}\pi^2}$	AB	CDIF	H	CDIF
9479	7109	1	$uv^2\pi^2(-1+w^2)$	AB	CDIF	H	AB
9480	7110	1	$\sqrt{\sqrt{uv}\sqrt{-1+w^2}\pi}$	AB	CDIF	H	R
9481	7111	1	$u^{3/2}v^3\pi^3(-1+w^2)^{3/2}$	AB	CDIF	H	K
9482	7112	1	$e^{\sqrt{uv}\sqrt{-1+w^2}\pi}$	AB	CDIF	H	E
9483	7113	1	$\log\left(\sqrt{uv}\sqrt{-1+w^2}\pi\right)$	AB	CDIF	H	L

9484	7114	1	$\arcsin\left(\sqrt{uv}\sqrt{-1+w^2\pi}\right)$	AB	CDIF	H	S
9485	7115	1	$\arctan\left(\sqrt{uv}\sqrt{-1+w^2\pi}\right)$	AB	CDIF	H	T
9486	7116	1	$\frac{\sqrt{uw}}{\sqrt{v}}$	AB	AB	CD	CD
9487	7116	2	$\frac{\sqrt{uw}}{\sqrt{v}}$	AB	AB	CDF	CDF
9488	7117	1	$\frac{\sqrt{v}}{\sqrt{uw}}$	AB	AB	CD	CDI
9489	7117	2	$\frac{\sqrt{v}}{\sqrt{uw}}$	AB	AB	CDF	CDIF
9490	7118	1	$\frac{\sqrt{uw}\pi}{\sqrt{v}}$	AB	AB	CD	CDF
9491	7119	1	$\frac{\sqrt{v}}{\sqrt{uw}\pi}$	AB	AB	CD	CDIF
9492	7120	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{v}}}$	AB	AB	CD	R
9493	7121	1	$\frac{u^{3/2}w^3}{v^{3/2}}$	AB	AB	CD	K
9494	7122	1	$e^{\frac{\sqrt{uw}}{\sqrt{v}}}$	AB	AB	CD	E
9495	7123	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{v}}\right)$	AB	AB	CD	L
9496	7124	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{v}}\right)$	AB	AB	CD	S
9497	7125	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{v}}\right)$	AB	AB	CD	T
9498	7126	1	$\sqrt{-\frac{v+uw^2}{v}}$	AB	AB	CD	P

9499	7127	1	$\sqrt{\frac{v+uw^2}{v}}$	AB	AB	CD	H
9500	7128	1	$\frac{\sqrt{u}}{\sqrt{vw}}$	AB	AB	CDI	CD
9501	7128	2	$\frac{\sqrt{u}}{\sqrt{vw}}$	AB	AB	CDIF	CDF
9502	7129	1	$\frac{\sqrt{vw}}{\sqrt{u}}$	AB	AB	CDI	CDI
9503	7129	2	$\frac{\sqrt{vw}}{\sqrt{u}}$	AB	AB	CDIF	CDIF
9504	7130	1	$\frac{\sqrt{u}\pi}{\sqrt{vw}}$	AB	AB	CDI	CDF
9505	7131	1	$\frac{\sqrt{vw}}{\sqrt{u}\pi}$	AB	AB	CDI	CDIF
9506	7132	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{vw}}}$	AB	AB	CDI	R
9507	7133	1	$\frac{u^{3/2}}{v^{3/2}w^3}$	AB	AB	CDI	K
9508	7134	1	$e^{\frac{\sqrt{u}}{\sqrt{vw}}}$	AB	AB	CDI	E
9509	7135	1	$\log\left(\frac{\sqrt{u}}{\sqrt{vw}}\right)$	AB	AB	CDI	L
9510	7136	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{vw}}\right)$	AB	AB	CDI	S
9511	7137	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{vw}}\right)$	AB	AB	CDI	T
9512	7138	1	$\sqrt{-\frac{vw^2+u}{vw^2}}$	AB	AB	CDI	P
9513	7139	1	$\sqrt{\frac{vw^2+u}{vw^2}}$	AB	AB	CDI	H

9514	7140	1	$\frac{\sqrt{uw}}{\sqrt{v\pi}}$	AB	AB	CDF	CD
9515	7141	1	$\frac{\sqrt{v\pi}}{\sqrt{uw}}$	AB	AB	CDF	CDI
9516	7142	1	$\frac{uw^2}{v\pi^2}$	AB	AB	CDF	AB
9517	7143	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{v\pi}}}$	AB	AB	CDF	R
9518	7144	1	$\frac{u^{3/2}w^3}{v^{3/2}\pi^3}$	AB	AB	CDF	K
9519	7145	1	$e^{\frac{\sqrt{u}w}{\sqrt{v\pi}}}$	AB	AB	CDF	E
9520	7146	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{v\pi}}\right)$	AB	AB	CDF	L
9521	7147	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{v\pi}}\right)$	AB	AB	CDF	S
9522	7148	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{v\pi}}\right)$	AB	AB	CDF	T
9523	7149	1	$\sqrt{-\frac{v\pi^2 + uw^2}{v\pi^2}}$	AB	AB	CDF	P
9524	7150	1	$\sqrt{\frac{v\pi^2 + uw^2}{v\pi^2}}$	AB	AB	CDF	H
9525	7151	1	$\frac{\sqrt{u}}{\sqrt{vw\pi}}$	AB	AB	CDIF	CD
9526	7152	1	$\frac{\sqrt{vw\pi}}{\sqrt{u}}$	AB	AB	CDIF	CDI
9527	7153	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{vw\pi}}}$	AB	AB	CDIF	R
9528	7154	1	$\frac{u^{3/2}}{v^{3/2}w^3\pi^3}$	AB	AB	CDIF	K

9529	7155	1	$e^{\frac{\sqrt{u}}{\sqrt{vw}\pi}}$	AB	AB	CDIF	E
9530	7156	1	$\log\left(\frac{\sqrt{u}}{\sqrt{vw}\pi}\right)$	AB	AB	CDIF	L
9531	7157	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{vw}\pi}\right)$	AB	AB	CDIF	S
9532	7158	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{vw}\pi}\right)$	AB	AB	CDIF	T
9533	7159	1	$\sqrt{-\frac{vw^2\pi^2+u}{vw^2\pi^2}}$	AB	AB	CDIF	P
9534	7160	1	$\sqrt{\frac{vw^2\pi^2+u}{vw^2\pi^2}}$	AB	AB	CDIF	H
9535	7161	1	$\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}$	AB	AB	AB	CD
9536	7162	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt{w}}$	AB	AB	AB	CDI
9537	7163	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\sqrt{v}}$	AB	AB	AB	CDF
9538	7164	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt{w}\pi}$	AB	AB	AB	CDIF
9539	7165	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}}$	AB	AB	AB	R
9540	7166	1	$\frac{u^{3/2}w^{3/2}}{v^{3/2}}$	AB	AB	AB	K
9541	7167	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}}$	AB	AB	AB	E
9542	7168	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}\right)$	AB	AB	AB	L

9543	7169	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}\right)$	AB	AB	AB	S
9544	7170	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{v}}\right)$	AB	AB	AB	T
9545	7171	1	$\sqrt{-\frac{v+uw}{v}}$	AB	AB	AB	P
9546	7172	1	$\sqrt{\frac{v+uw}{v}}$	AB	AB	AB	H
9547	7173	1	$\frac{\sqrt{uw}^2}{\sqrt{v}}$	AB	AB	R	CD
9548	7174	1	$\frac{\sqrt{v}}{\sqrt{uw}^2}$	AB	AB	R	CDI
9549	7175	1	$\frac{\sqrt{uw}^2\pi}{\sqrt{v}}$	AB	AB	R	CDF
9550	7176	1	$\frac{\sqrt{v}}{\sqrt{uw}^2\pi}$	AB	AB	R	CDIF
9551	7177	1	$\frac{uw^4}{v}$	AB	AB	R	AB
9552	7178	1	$\sqrt{\frac{\sqrt{uw}^2}{\sqrt{v}}}$	AB	AB	R	R
9553	7179	1	$\frac{u^{3/2}w^6}{v^{3/2}}$	AB	AB	R	K
9554	7180	1	$e^{\frac{\sqrt{uw}^2}{\sqrt{v}}}$	AB	AB	R	E
9555	7181	1	$\log\left(\frac{\sqrt{uw}^2}{\sqrt{v}}\right)$	AB	AB	R	L
9556	7182	1	$\arcsin\left(\frac{\sqrt{uw}^2}{\sqrt{v}}\right)$	AB	AB	R	S
9557	7183	1	$\arctan\left(\frac{\sqrt{uw}^2}{\sqrt{v}}\right)$	AB	AB	R	T

9558	7184	1	$\sqrt{-\frac{-v+uw^4}{v}}$	AB	AB	R	P
9559	7185	1	$\sqrt{\frac{v+uw^4}{v}}$	AB	AB	R	H
9560	7186	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}$	AB	AB	K	CD
9561	7187	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt[3]{w}}$	AB	AB	K	CDI
9562	7188	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\sqrt{v}}$	AB	AB	K	CDF
9563	7189	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	AB	K	CDIF
9564	7190	1	$\frac{uw^{2/3}}{v}$	AB	AB	K	AB
9565	7191	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}}$	AB	AB	K	R
9566	7192	1	$\frac{u^{3/2}w}{v^{3/2}}$	AB	AB	K	K
9567	7193	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}}$	AB	AB	K	E
9568	7194	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	AB	AB	K	L
9569	7195	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	AB	AB	K	S
9570	7196	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	AB	AB	K	T
9571	7197	1	$\sqrt{-\frac{-v+uw^{2/3}}{v}}$	AB	AB	K	P

9572	7198	1	$\sqrt{\frac{v + uw^{2/3}}{v}}$	AB	AB	K	H
9573	7199	1	$\frac{\sqrt{u} \ln(w)}{\sqrt{v}}$	AB	AB	E	CD
9574	7200	1	$\frac{\sqrt{v}}{\sqrt{u} \ln(w)}$	AB	AB	E	CDI
9575	7201	1	$\frac{\sqrt{u} \ln(w) \pi}{\sqrt{v}}$	AB	AB	E	CDF
9576	7202	1	$\frac{\sqrt{v}}{\sqrt{u} \ln(w) \pi}$	AB	AB	E	CDIF
9577	7203	1	$\frac{u (\ln(w))^2}{v}$	AB	AB	E	AB
9578	7204	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{\sqrt{v}}}$	AB	AB	E	R
9579	7205	1	$\frac{u^{3/2} (\ln(w))^3}{v^{3/2}}$	AB	AB	E	K
9580	7206	1	$w^{\frac{\sqrt{u}}{\sqrt{v}}}$	AB	AB	E	E
9581	7207	1	$\log\left(\frac{\sqrt{u} \ln(w)}{\sqrt{v}}\right)$	AB	AB	E	L
9582	7208	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{\sqrt{v}}\right)$	AB	AB	E	S
9583	7209	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{\sqrt{v}}\right)$	AB	AB	E	T
9584	7210	1	$\sqrt{-\frac{v + u (\ln(w))^2}{v}}$	AB	AB	E	P
9585	7211	1	$\sqrt{\frac{v + u (\ln(w))^2}{v}}$	AB	AB	E	H

9586	7212	1	$\frac{\sqrt{u}Exp(w)}{\sqrt{v}}$	AB	AB	L	CD
9587	7213	1	$\frac{\sqrt{v}}{\sqrt{u}Exp(w)}$	AB	AB	L	CDI
9588	7214	1	$\frac{\sqrt{u}Exp(w) \pi}{\sqrt{v}}$	AB	AB	L	CDF
9589	7215	1	$\frac{\sqrt{v}}{\sqrt{u}Exp(w) \pi}$	AB	AB	L	CDIF
9590	7216	1	$\frac{u (Exp(w))^2}{v}$	AB	AB	L	AB
9591	7217	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{\sqrt{v}}}$	AB	AB	L	R
9592	7218	1	$\frac{u^{3/2} (Exp(w))^3}{v^{3/2}}$	AB	AB	L	K
9593	7219	1	$e^{\frac{\sqrt{u}Exp(w)}{\sqrt{v}}}$	AB	AB	L	E
9594	7220	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\sqrt{v}}\right)$	AB	AB	L	L
9595	7221	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\sqrt{v}}\right)$	AB	AB	L	S
9596	7222	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\sqrt{v}}\right)$	AB	AB	L	T
9597	7223	1	$\sqrt{-\frac{v + u (Exp(w))^2}{v}}$	AB	AB	L	P
9598	7224	1	$\sqrt{\frac{v + u (Exp(w))^2}{v}}$	AB	AB	L	H
9599	7225	1	$\frac{\sqrt{u} \sin(w)}{\sqrt{v}}$	AB	AB	S	CD

9600	7226	1	$\frac{\sqrt{v}}{\sqrt{u} \sin(w)}$	AB	AB	S	CDI
9601	7227	1	$\frac{\sqrt{u} \sin(w) \pi}{\sqrt{v}}$	AB	AB	S	CDF
9602	7228	1	$\frac{\sqrt{v}}{\sqrt{u} \sin(w) \pi}$	AB	AB	S	CDIF
9603	7229	1	$\frac{u (\sin(w))^2}{v}$	AB	AB	S	AB
9604	7230	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{\sqrt{v}}}$	AB	AB	S	R
9605	7231	1	$\frac{u^{3/2} (\sin(w))^3}{v^{3/2}}$	AB	AB	S	K
9606	7232	1	$e^{\frac{\sqrt{u} \sin(w)}{\sqrt{v}}}$	AB	AB	S	E
9607	7233	1	$\log\left(\frac{\sqrt{u} \sin(w)}{\sqrt{v}}\right)$	AB	AB	S	L
9608	7234	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{\sqrt{v}}\right)$	AB	AB	S	S
9609	7235	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{\sqrt{v}}\right)$	AB	AB	S	T
9610	7236	1	$\sqrt{\frac{v - u + u (\cos(w))^2}{v}}$	AB	AB	S	P
9611	7237	1	$\sqrt{-\frac{v - u + u (\cos(w))^2}{v}}$	AB	AB	S	H
9612	7238	1	$\frac{\sqrt{u} \tan(w)}{\sqrt{v}}$	AB	AB	T	CD
9613	7239	1	$\frac{\sqrt{v}}{\sqrt{u} \tan(w)}$	AB	AB	T	CDI

9614	7240	1	$\frac{\sqrt{u} \tan(w) \pi}{\sqrt{v}}$	AB	AB	T	CDF
9615	7241	1	$\frac{\sqrt{v}}{\sqrt{u} \tan(w) \pi}$	AB	AB	T	CDIF
9616	7242	1	$\frac{u (\tan(w))^2}{v}$	AB	AB	T	AB
9617	7243	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{\sqrt{v}}}$	AB	AB	T	R
9618	7244	1	$\frac{u^{3/2} (\tan(w))^3}{v^{3/2}}$	AB	AB	T	K
9619	7245	1	$e^{\frac{\sqrt{u} \tan(w)}{\sqrt{v}}}$	AB	AB	T	E
9620	7246	1	$\log\left(\frac{\sqrt{u} \tan(w)}{\sqrt{v}}\right)$	AB	AB	T	L
9621	7247	1	$\arcsin\left(\frac{\sqrt{u} \tan(w)}{\sqrt{v}}\right)$	AB	AB	T	S
9622	7248	1	$\arctan\left(\frac{\sqrt{u} \tan(w)}{\sqrt{v}}\right)$	AB	AB	T	T
9623	7249	1	$\sqrt{-\frac{-v + u (\tan(w))^2}{v}}$	AB	AB	T	P
9624	7250	1	$\sqrt{\frac{v + u (\tan(w))^2}{v}}$	AB	AB	T	H
9625	7251	1	$\frac{\sqrt{u} \sqrt{1 - w^2}}{\sqrt{v}}$	AB	AB	P	CD
9626	7252	1	$\frac{\sqrt{v}}{\sqrt{u} \sqrt{1 - w^2}}$	AB	AB	P	CDI
9627	7253	1	$\frac{\sqrt{u} \sqrt{1 - w^2} \pi}{\sqrt{v}}$	AB	AB	P	CDF

9628	7254	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	AB	P	CDIF
9629	7255	1	$-\frac{u(-1+w^2)}{v}$	AB	AB	P	AB
9630	7256	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{v}}}$	AB	AB	P	R
9631	7257	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{v^{3/2}}$	AB	AB	P	K
9632	7258	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{v}}}$	AB	AB	P	E
9633	7259	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	AB	AB	P	L
9634	7260	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	AB	AB	P	S
9635	7261	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	AB	AB	P	T
9636	7262	1	$\sqrt{\frac{v-u+uw^2}{v}}$	AB	AB	P	P
9637	7262	2	$\sqrt{\frac{v-u+uw^2}{v}}$	AB	AB	H	H
9638	7263	1	$\sqrt{-\frac{-v-u+uw^2}{v}}$	AB	AB	P	H
9639	7263	2	$\sqrt{-\frac{-v-u+uw^2}{v}}$	AB	AB	H	P
9640	7264	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}$	AB	AB	H	CD
9641	7265	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt{-1+w^2}}$	AB	AB	H	CDI
9642	7266	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\sqrt{v}}$	AB	AB	H	CDF

9643	7267	1	$\frac{\sqrt{v}}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	AB	H	CDIF
9644	7268	1	$\frac{u(-1+w^2)}{v}$	AB	AB	H	AB
9645	7269	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}}$	AB	AB	H	R
9646	7270	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{v^{3/2}}$	AB	AB	H	K
9647	7271	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}}$	AB	AB	H	E
9648	7272	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	AB	AB	H	L
9649	7273	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	AB	AB	H	S
9650	7274	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	AB	AB	H	T
9651	7275	1	$\frac{\sqrt{uw}}{v^2}$	AB	R	CD	CD
9652	7275	2	$\frac{\sqrt{uw}}{v^2}$	AB	R	CDF	CDF
9653	7276	1	$\frac{v^2}{\sqrt{uw}}$	AB	R	CD	CDI
9654	7276	2	$\frac{v^2}{\sqrt{uw}}$	AB	R	CDF	CDIF
9655	7277	1	$\frac{\sqrt{uw}\pi}{v^2}$	AB	R	CD	CDF
9656	7278	1	$\frac{v^2}{\sqrt{uw}\pi}$	AB	R	CD	CDIF

9657	7279	1	$\frac{uw^2}{v^4}$	AB	R	CD	AB
9658	7280	1	$\sqrt{\frac{\sqrt{uw}}{v^2}}$	AB	R	CD	R
9659	7281	1	$\frac{u^{3/2}w^3}{v^6}$	AB	R	CD	K
9660	7282	1	$e^{\frac{\sqrt{u}w}{v^2}}$	AB	R	CD	E
9661	7283	1	$\log\left(\frac{\sqrt{uw}}{v^2}\right)$	AB	R	CD	L
9662	7284	1	$\arcsin\left(\frac{\sqrt{uw}}{v^2}\right)$	AB	R	CD	S
9663	7285	1	$\arctan\left(\frac{\sqrt{uw}}{v^2}\right)$	AB	R	CD	T
9664	7286	1	$\sqrt{-\frac{v^4 + uw^2}{v^4}}$	AB	R	CD	P
9665	7287	1	$\sqrt{\frac{v^4 + uw^2}{v^4}}$	AB	R	CD	H
9666	7288	1	$\frac{\sqrt{u}}{v^2w}$	AB	R	CDI	CD
9667	7288	2	$\frac{\sqrt{u}}{v^2w}$	AB	R	CDIF	CDF
9668	7289	1	$\frac{v^2w}{\sqrt{u}}$	AB	R	CDI	CDI
9669	7289	2	$\frac{v^2w}{\sqrt{u}}$	AB	R	CDIF	CDIF
9670	7290	1	$\frac{\sqrt{u}\pi}{v^2w}$	AB	R	CDI	CDF
9671	7291	1	$\frac{v^2w}{\sqrt{u}\pi}$	AB	R	CDI	CDIF

9672	7292	1	$\frac{u}{v^4 w^2}$	AB	R	CDI	AB
9673	7293	1	$\sqrt{\frac{\sqrt{u}}{v^2 w}}$	AB	R	CDI	R
9674	7294	1	$\frac{u^{3/2}}{v^6 w^3}$	AB	R	CDI	K
9675	7295	1	$e^{\frac{\sqrt{u}}{v^2 w}}$	AB	R	CDI	E
9676	7296	1	$\log\left(\frac{\sqrt{u}}{v^2 w}\right)$	AB	R	CDI	L
9677	7297	1	$\arcsin\left(\frac{\sqrt{u}}{v^2 w}\right)$	AB	R	CDI	S
9678	7298	1	$\arctan\left(\frac{\sqrt{u}}{v^2 w}\right)$	AB	R	CDI	T
9679	7299	1	$\sqrt{-\frac{v^4 w^2 + u}{v^4 w^2}}$	AB	R	CDI	P
9680	7300	1	$\sqrt{\frac{v^4 w^2 + u}{v^4 w^2}}$	AB	R	CDI	H
9681	7301	1	$\frac{\sqrt{u} w}{v^2 \pi}$	AB	R	CDF	CD
9682	7302	1	$\frac{v^2 \pi}{\sqrt{u} w}$	AB	R	CDF	CDI
9683	7303	1	$\frac{u w^2}{v^4 \pi^2}$	AB	R	CDF	AB
9684	7304	1	$\sqrt{\frac{\sqrt{u} w}{v^2 \pi}}$	AB	R	CDF	R
9685	7305	1	$\frac{u^{3/2} w^3}{v^6 \pi^3}$	AB	R	CDF	K
9686	7306	1	$e^{\frac{\sqrt{u} w}{v^2 \pi}}$	AB	R	CDF	E

9687	7307	1	$\log\left(\frac{\sqrt{uw}}{v^2\pi}\right)$	AB	R	CDF	L
9688	7308	1	$\arcsin\left(\frac{\sqrt{uw}}{v^2\pi}\right)$	AB	R	CDF	S
9689	7309	1	$\arctan\left(\frac{\sqrt{uw}}{v^2\pi}\right)$	AB	R	CDF	T
9690	7310	1	$\sqrt{-\frac{v^4\pi^2 + uw^2}{v^4\pi^2}}$	AB	R	CDF	P
9691	7311	1	$\sqrt{\frac{v^4\pi^2 + uw^2}{v^4\pi^2}}$	AB	R	CDF	H
9692	7312	1	$\frac{\sqrt{u}}{v^2w\pi}$	AB	R	CDIF	CD
9693	7313	1	$\frac{v^2w\pi}{\sqrt{u}}$	AB	R	CDIF	CDI
9694	7314	1	$\frac{u}{v^4w^2\pi^2}$	AB	R	CDIF	AB
9695	7315	1	$\sqrt{\frac{\sqrt{u}}{v^2w\pi}}$	AB	R	CDIF	R
9696	7316	1	$\frac{u^{3/2}}{v^6w^3\pi^3}$	AB	R	CDIF	K
9697	7317	1	$e^{\frac{\sqrt{u}}{v^2w\pi}}$	AB	R	CDIF	E
9698	7318	1	$\log\left(\frac{\sqrt{u}}{v^2w\pi}\right)$	AB	R	CDIF	L
9699	7319	1	$\arcsin\left(\frac{\sqrt{u}}{v^2w\pi}\right)$	AB	R	CDIF	S
9700	7320	1	$\arctan\left(\frac{\sqrt{u}}{v^2w\pi}\right)$	AB	R	CDIF	T

9701	7321	1	$\sqrt{-\frac{v^4 w^2 \pi^2 + u}{v^4 w^2 \pi^2}}$	AB	R	CDIF	P
9702	7322	1	$\sqrt{\frac{v^4 w^2 \pi^2 + u}{v^4 w^2 \pi^2}}$	AB	R	CDIF	H
9703	7323	1	$\frac{\sqrt{u}\sqrt{w}}{v^2}$	AB	R	AB	CD
9704	7324	1	$\frac{v^2}{\sqrt{u}\sqrt{w}}$	AB	R	AB	CDI
9705	7325	1	$\frac{\sqrt{u}\sqrt{w}\pi}{v^2}$	AB	R	AB	CDF
9706	7326	1	$\frac{v^2}{\sqrt{u}\sqrt{w}\pi}$	AB	R	AB	CDIF
9707	7327	1	$\frac{uw}{v^4}$	AB	R	AB	AB
9708	7328	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{v^2}}$	AB	R	AB	R
9709	7329	1	$\frac{u^{3/2}w^{3/2}}{v^6}$	AB	R	AB	K
9710	7330	1	$e^{\frac{\sqrt{u}\sqrt{w}}{v^2}}$	AB	R	AB	E
9711	7331	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{v^2}\right)$	AB	R	AB	L
9712	7332	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{v^2}\right)$	AB	R	AB	S
9713	7333	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{v^2}\right)$	AB	R	AB	T
9714	7334	1	$\sqrt{-\frac{v^4 + uw}{v^4}}$	AB	R	AB	P
9715	7335	1	$\sqrt{\frac{v^4 + uw}{v^4}}$	AB	R	AB	H

9716	7336	1	$\frac{\sqrt{u}w^2}{v^2}$	AB	R	R	CD
9717	7337	1	$\frac{v^2}{\sqrt{u}w^2}$	AB	R	R	CDI
9718	7338	1	$\frac{\sqrt{u}w^2\pi}{v^2}$	AB	R	R	CDF
9719	7339	1	$\frac{v^2}{\sqrt{u}w^2\pi}$	AB	R	R	CDIF
9720	7340	1	$\frac{uw^4}{v^4}$	AB	R	R	AB
9721	7341	1	$\sqrt{\frac{\sqrt{u}w^2}{v^2}}$	AB	R	R	R
9722	7342	1	$\frac{u^{3/2}w^6}{v^6}$	AB	R	R	K
9723	7343	1	$e^{\frac{\sqrt{u}w^2}{v^2}}$	AB	R	R	E
9724	7344	1	$\log\left(\frac{\sqrt{u}w^2}{v^2}\right)$	AB	R	R	L
9725	7345	1	$\arcsin\left(\frac{\sqrt{u}w^2}{v^2}\right)$	AB	R	R	S
9726	7346	1	$\arctan\left(\frac{\sqrt{u}w^2}{v^2}\right)$	AB	R	R	T
9727	7347	1	$\sqrt{-\frac{v^4+uw^4}{v^4}}$	AB	R	R	P
9728	7348	1	$\sqrt{\frac{v^4+uw^4}{v^4}}$	AB	R	R	H
9729	7349	1	$\frac{\sqrt{u}\sqrt[3]{w}}{v^2}$	AB	R	K	CD

9730	7350	1	$\frac{v^2}{\sqrt{u}\sqrt[3]{w}}$	AB	R	K	CDI
9731	7351	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{v^2}$	AB	R	K	CDF
9732	7352	1	$\frac{v^2}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	R	K	CDIF
9733	7353	1	$\frac{uw^{2/3}}{v^4}$	AB	R	K	AB
9734	7354	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{v^2}}$	AB	R	K	R
9735	7355	1	$\frac{u^{3/2}w}{v^6}$	AB	R	K	K
9736	7356	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{v^2}}$	AB	R	K	E
9737	7357	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{v^2}\right)$	AB	R	K	L
9738	7358	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{v^2}\right)$	AB	R	K	S
9739	7359	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{v^2}\right)$	AB	R	K	T
9740	7360	1	$\sqrt{-\frac{v^4 + uw^{2/3}}{v^4}}$	AB	R	K	P
9741	7361	1	$\sqrt{\frac{v^4 + uw^{2/3}}{v^4}}$	AB	R	K	H
9742	7362	1	$\frac{\sqrt{u}\ln(w)}{v^2}$	AB	R	E	CD
9743	7363	1	$\frac{v^2}{\sqrt{u}\ln(w)}$	AB	R	E	CDI
9744	7364	1	$\frac{\sqrt{u}\ln(w)\pi}{v^2}$	AB	R	E	CDF

9745	7365	1	$\frac{v^2}{\sqrt{u} \ln(w) \pi}$	AB	R	E	CDIF
9746	7366	1	$\frac{u (\ln(w))^2}{v^4}$	AB	R	E	AB
9747	7367	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{v^2}}$	AB	R	E	R
9748	7368	1	$\frac{u^{3/2} (\ln(w))^3}{v^6}$	AB	R	E	K
9749	7369	1	$w^{\frac{\sqrt{u}}{v^2}}$	AB	R	E	E
9750	7370	1	$\log\left(\frac{\sqrt{u} \ln(w)}{v^2}\right)$	AB	R	E	L
9751	7371	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{v^2}\right)$	AB	R	E	S
9752	7372	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{v^2}\right)$	AB	R	E	T
9753	7373	1	$\sqrt{-\frac{-v^4 + u (\ln(w))^2}{v^4}}$	AB	R	E	P
9754	7374	1	$\sqrt{\frac{v^4 + u (\ln(w))^2}{v^4}}$	AB	R	E	H
9755	7375	1	$\frac{\sqrt{u} \text{Exp}(w)}{v^2}$	AB	R	L	CD
9756	7376	1	$\frac{v^2}{\sqrt{u} \text{Exp}(w)}$	AB	R	L	CDI
9757	7377	1	$\frac{\sqrt{u} \text{Exp}(w) \pi}{v^2}$	AB	R	L	CDF
9758	7378	1	$\frac{v^2}{\sqrt{u} \text{Exp}(w) \pi}$	AB	R	L	CDIF

9759	7379	1	$\frac{u (Exp(w))^2}{v^4}$	AB	R	L	AB
9760	7380	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{v^2}}$	AB	R	L	R
9761	7381	1	$\frac{u^{3/2} (Exp(w))^3}{v^6}$	AB	R	L	K
9762	7382	1	$e^{\frac{\sqrt{u}Exp(w)}{v^2}}$	AB	R	L	E
9763	7383	1	$\log\left(\frac{\sqrt{u}Exp(w)}{v^2}\right)$	AB	R	L	L
9764	7384	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{v^2}\right)$	AB	R	L	S
9765	7385	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{v^2}\right)$	AB	R	L	T
9766	7386	1	$\sqrt{-\frac{v^4 + u (Exp(w))^2}{v^4}}$	AB	R	L	P
9767	7387	1	$\sqrt{\frac{v^4 + u (Exp(w))^2}{v^4}}$	AB	R	L	H
9768	7388	1	$\frac{\sqrt{u} \sin(w)}{v^2}$	AB	R	S	CD
9769	7389	1	$\frac{v^2}{\sqrt{u} \sin(w)}$	AB	R	S	CDI
9770	7390	1	$\frac{\sqrt{u} \sin(w) \pi}{v^2}$	AB	R	S	CDF
9771	7391	1	$\frac{v^2}{\sqrt{u} \sin(w) \pi}$	AB	R	S	CDIF
9772	7392	1	$\frac{u (\sin(w))^2}{v^4}$	AB	R	S	AB

9773	7393	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{v^2}}$	AB	R	S	R
9774	7394	1	$\frac{u^{3/2} (\sin(w))^3}{v^6}$	AB	R	S	K
9775	7395	1	$e^{\frac{\sqrt{u} \sin(w)}{v^2}}$	AB	R	S	E
9776	7396	1	$\log\left(\frac{\sqrt{u} \sin(w)}{v^2}\right)$	AB	R	S	L
9777	7397	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{v^2}\right)$	AB	R	S	S
9778	7398	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{v^2}\right)$	AB	R	S	T
9779	7399	1	$\sqrt{\frac{v^4 - u + u (\cos(w))^2}{v^4}}$	AB	R	S	P
9780	7400	1	$\sqrt{-\frac{-v^4 - u + u (\cos(w))^2}{v^4}}$	AB	R	S	H
9781	7401	1	$\frac{\sqrt{u} \tan(w)}{v^2}$	AB	R	T	CD
9782	7402	1	$\frac{v^2}{\sqrt{u} \tan(w)}$	AB	R	T	CDI
9783	7403	1	$\frac{\sqrt{u} \tan(w) \pi}{v^2}$	AB	R	T	CDF
9784	7404	1	$\frac{v^2}{\sqrt{u} \tan(w) \pi}$	AB	R	T	CDIF
9785	7405	1	$\frac{u (\tan(w))^2}{v^4}$	AB	R	T	AB
9786	7406	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{v^2}}$	AB	R	T	R

9787	7407	1	$\frac{u^{3/2} (\tan (w))^3}{v^6}$	AB	R	T	K
9788	7408	1	$e^{\frac{\sqrt{u} \tan (w)}{v^2}}$	AB	R	T	E
9789	7409	1	$\log \left(\frac{\sqrt{u} \tan (w)}{v^2} \right)$	AB	R	T	L
9790	7410	1	$\arcsin \left(\frac{\sqrt{u} \tan (w)}{v^2} \right)$	AB	R	T	S
9791	7411	1	$\arctan \left(\frac{\sqrt{u} \tan (w)}{v^2} \right)$	AB	R	T	T
9792	7412	1	$\sqrt{-\frac{v^4+u (\tan (w))^2}{v^4}}$	AB	R	T	P
9793	7413	1	$\sqrt{\frac{v^4+u (\tan (w))^2}{v^4}}$	AB	R	T	H
9794	7414	1	$\frac{\sqrt{u} \sqrt{-(w-1) (w+1)}}{v^2}$	AB	R	P	CD
9795	7415	1	$\frac{v^2}{\sqrt{u} \sqrt{1-w^2}}$	AB	R	P	CDI
9796	7416	1	$\frac{\sqrt{u} \sqrt{-(w-1) (w+1)} \pi}{v^2}$	AB	R	P	CDF
9797	7417	1	$\frac{v^2}{\sqrt{u} \sqrt{1-w^2} \pi}$	AB	R	P	CDIF
9798	7418	1	$-\frac{u \left(-1+w^2\right)}{v^4}$	AB	R	P	AB
9799	7419	1	$\sqrt{\frac{\sqrt{u} \sqrt{-(w-1) (w+1)}}{v^2}}$	AB	R	P	R
9800	7420	1	$\frac{u^{3/2} \left(1-w^2\right)^{3/2}}{v^6}$	AB	R	P	K

9801	7421	1	$e^{\frac{\sqrt{u}\sqrt{-(w-1)(w+1)}}{v^2}}$	AB	R	P	E
9802	7422	1	$\log\left(\frac{\sqrt{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	AB	R	P	L
9803	7423	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	AB	R	P	S
9804	7424	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	AB	R	P	T
9805	7425	1	$\sqrt{\frac{v^4 - u + uw^2}{v^4}}$	AB	R	P	P
9806	7425	2	$\sqrt{\frac{v^4 - u + uw^2}{v^4}}$	AB	R	H	H
9807	7426	1	$\sqrt{-\frac{v^4 - u + uw^2}{v^4}}$	AB	R	P	H
9808	7426	2	$\sqrt{-\frac{v^4 - u + uw^2}{v^4}}$	AB	R	H	P
9809	7427	1	$\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}$	AB	R	H	CD
9810	7428	1	$\frac{v^2}{\sqrt{u}\sqrt{-1+w^2}}$	AB	R	H	CDI
9811	7429	1	$\frac{\sqrt{u}\sqrt{(w-1)(w+1)}\pi}{v^2}$	AB	R	H	CDF
9812	7430	1	$\frac{v^2}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	R	H	CDIF
9813	7431	1	$\frac{u(-1+w^2)}{v^4}$	AB	R	H	AB
9814	7432	1	$\sqrt{\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}}$	AB	R	H	R
9815	7433	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{v^6}$	AB	R	H	K

9816	7434	1	$e^{\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}}$	AB	R	H	E
9817	7435	1	$\log\left(\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	AB	R	H	L
9818	7436	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	AB	R	H	S
9819	7437	1	$\arctan\left(\frac{\sqrt{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	AB	R	H	T
9820	7438	1	$\frac{\sqrt{uw}}{\sqrt[3]{v}}$	AB	K	CD	CD
9821	7438	2	$\frac{\sqrt{uw}}{\sqrt[3]{v}}$	AB	K	CDF	CDF
9822	7439	1	$\frac{\sqrt[3]{v}}{\sqrt{uw}}$	AB	K	CD	CDI
9823	7439	2	$\frac{\sqrt[3]{v}}{\sqrt{uw}}$	AB	K	CDF	CDIF
9824	7440	1	$\frac{\sqrt{uw}\pi}{\sqrt[3]{v}}$	AB	K	CD	CDF
9825	7441	1	$\frac{\sqrt[3]{v}}{\sqrt{uw}\pi}$	AB	K	CD	CDIF
9826	7442	1	$\frac{uw^2}{v^{2/3}}$	AB	K	CD	AB
9827	7443	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt[3]{v}}}$	AB	K	CD	R
9828	7444	1	$\frac{u^{3/2}w^3}{v}$	AB	K	CD	K
9829	7445	1	$e^{\frac{\sqrt{u}w}{\sqrt[3]{v}}}$	AB	K	CD	E

9830	7446	1	$\log\left(\frac{\sqrt{uw}}{\sqrt[3]{v}}\right)$	AB	K	CD	L
9831	7447	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt[3]{v}}\right)$	AB	K	CD	S
9832	7448	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt[3]{v}}\right)$	AB	K	CD	T
9833	7449	1	$\sqrt{-\frac{v^{2/3} + uw^2}{v^{2/3}}}$	AB	K	CD	P
9834	7450	1	$\sqrt{\frac{v^{2/3} + uw^2}{v^{2/3}}}$	AB	K	CD	H
9835	7451	1	$\frac{\sqrt{u}}{\sqrt[3]{vw}}$	AB	K	CDI	CD
9836	7451	2	$\frac{\sqrt{u}}{\sqrt[3]{vw}}$	AB	K	CDIF	CDF
9837	7452	1	$\frac{\sqrt[3]{vw}}{\sqrt{u}}$	AB	K	CDI	CDI
9838	7452	2	$\frac{\sqrt[3]{vw}}{\sqrt{u}}$	AB	K	CDIF	CDIF
9839	7453	1	$\frac{\sqrt{u}\pi}{\sqrt[3]{vw}}$	AB	K	CDI	CDF
9840	7454	1	$\frac{\sqrt[3]{vw}}{\sqrt{u}\pi}$	AB	K	CDI	CDIF
9841	7455	1	$\frac{u}{v^{2/3}w^2}$	AB	K	CDI	AB
9842	7456	1	$\sqrt{\frac{\sqrt{u}}{\sqrt[3]{vw}}}$	AB	K	CDI	R
9843	7457	1	$\frac{u^{3/2}}{vw^3}$	AB	K	CDI	K
9844	7458	1	$e^{\frac{\sqrt{u}}{\sqrt[3]{vw}}}$	AB	K	CDI	E

9845	7459	1	$\log\left(\frac{\sqrt{u}}{\sqrt[3]{vw}}\right)$	AB	K	CDI	L
9846	7460	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt[3]{vw}}\right)$	AB	K	CDI	S
9847	7461	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt[3]{vw}}\right)$	AB	K	CDI	T
9848	7462	1	$\sqrt{-\frac{v^{2/3}w^2 + u}{v^{2/3}w^2}}$	AB	K	CDI	P
9849	7463	1	$\sqrt{\frac{v^{2/3}w^2 + u}{v^{2/3}w^2}}$	AB	K	CDI	H
9850	7464	1	$\frac{\sqrt{uw}}{\sqrt[3]{v\pi}}$	AB	K	CDF	CD
9851	7465	1	$\frac{\sqrt[3]{v\pi}}{\sqrt{uw}}$	AB	K	CDF	CDI
9852	7466	1	$\frac{uw^2}{v^{2/3}\pi^2}$	AB	K	CDF	AB
9853	7467	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt[3]{v\pi}}}$	AB	K	CDF	R
9854	7468	1	$\frac{u^{3/2}w^3}{v\pi^3}$	AB	K	CDF	K
9855	7469	1	$e^{\frac{\sqrt{u}w}{\sqrt[3]{v\pi}}}$	AB	K	CDF	E
9856	7470	1	$\log\left(\frac{\sqrt{uw}}{\sqrt[3]{v\pi}}\right)$	AB	K	CDF	L
9857	7471	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt[3]{v\pi}}\right)$	AB	K	CDF	S
9858	7472	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt[3]{v\pi}}\right)$	AB	K	CDF	T
9859	7473	1	$\sqrt{-\frac{v^{2/3}\pi^2 + uw^2}{v^{2/3}\pi^2}}$	AB	K	CDF	P

9860	7474	1	$\sqrt{\frac{v^{2/3}\pi^2 + uw^2}{v^{2/3}\pi^2}}$	AB	K	CDF	H
9861	7475	1	$\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}$	AB	K	CDIF	CD
9862	7476	1	$\frac{\sqrt[3]{vw\pi}}{\sqrt{u}}$	AB	K	CDIF	CDI
9863	7477	1	$\frac{u}{v^{2/3}w^2\pi^2}$	AB	K	CDIF	AB
9864	7478	1	$\sqrt{\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}}$	AB	K	CDIF	R
9865	7479	1	$\frac{u^{3/2}}{vw^3\pi^3}$	AB	K	CDIF	K
9866	7480	1	$e^{\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}}$	AB	K	CDIF	E
9867	7481	1	$\log\left(\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}\right)$	AB	K	CDIF	L
9868	7482	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}\right)$	AB	K	CDIF	S
9869	7483	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt[3]{vw\pi}}\right)$	AB	K	CDIF	T
9870	7484	1	$\sqrt{-\frac{v^{2/3}w^2\pi^2 + u}{v^{2/3}w^2\pi^2}}$	AB	K	CDIF	P
9871	7485	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + u}{v^{2/3}w^2\pi^2}}$	AB	K	CDIF	H
9872	7486	1	$\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}$	AB	K	AB	CD
9873	7487	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{w}}$	AB	K	AB	CDI

9874	7488	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\sqrt[3]{v}}$	AB	K	AB	CDF
9875	7489	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{w}\pi}$	AB	K	AB	CDIF
9876	7490	1	$\frac{uw}{v^{2/3}}$	AB	K	AB	AB
9877	7491	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}}$	AB	K	AB	R
9878	7492	1	$\frac{u^{3/2}w^{3/2}}{v}$	AB	K	AB	K
9879	7493	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}}$	AB	K	AB	E
9880	7494	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	AB	K	AB	L
9881	7495	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	AB	K	AB	S
9882	7496	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	AB	K	AB	T
9883	7497	1	$\sqrt{-\frac{v^{2/3}+uw}{v^{2/3}}}$	AB	K	AB	P
9884	7498	1	$\sqrt{\frac{v^{2/3}+uw}{v^{2/3}}}$	AB	K	AB	H
9885	7499	1	$\frac{\sqrt{u}w^2}{\sqrt[3]{v}}$	AB	K	R	CD
9886	7500	1	$\frac{\sqrt[3]{v}}{\sqrt{uw^2}}$	AB	K	R	CDI
9887	7501	1	$\frac{\sqrt{u}w^2\pi}{\sqrt[3]{v}}$	AB	K	R	CDF
9888	7502	1	$\frac{\sqrt[3]{v}}{\sqrt{uw^2}\pi}$	AB	K	R	CDIF

9889	7503	1	$\frac{uw^4}{v^{2/3}}$	AB	K	R	AB
9890	7504	1	$\sqrt{\frac{\sqrt{u}w^2}{\sqrt[3]{v}}}$	AB	K	R	R
9891	7505	1	$\frac{u^{3/2}w^6}{v}$	AB	K	R	K
9892	7506	1	$e^{\frac{\sqrt{u}w^2}{\sqrt[3]{v}}}$	AB	K	R	E
9893	7507	1	$\log\left(\frac{\sqrt{u}w^2}{\sqrt[3]{v}}\right)$	AB	K	R	L
9894	7508	1	$\arcsin\left(\frac{\sqrt{u}w^2}{\sqrt[3]{v}}\right)$	AB	K	R	S
9895	7509	1	$\arctan\left(\frac{\sqrt{u}w^2}{\sqrt[3]{v}}\right)$	AB	K	R	T
9896	7510	1	$\sqrt{-\frac{v^{2/3} + uw^4}{v^{2/3}}}$	AB	K	R	P
9897	7511	1	$\sqrt{\frac{v^{2/3} + uw^4}{v^{2/3}}}$	AB	K	R	H
9898	7512	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}$	AB	K	K	CD
9899	7513	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt[3]{w}}$	AB	K	K	CDI
9900	7514	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\sqrt[3]{v}}$	AB	K	K	CDF
9901	7515	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	K	K	CDIF
9902	7516	1	$\frac{uw^{2/3}}{v^{2/3}}$	AB	K	K	AB

9903	7517	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}}$	AB	K	K	R
9904	7518	1	$\frac{u^{3/2}w}{v}$	AB	K	K	K
9905	7519	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}}$	AB	K	K	E
9906	7520	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	AB	K	K	L
9907	7521	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	AB	K	K	S
9908	7522	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	AB	K	K	T
9909	7523	1	$\sqrt{-\frac{v^{2/3} + uw^{2/3}}{v^{2/3}}}$	AB	K	K	P
9910	7524	1	$\sqrt{\frac{v^{2/3} + uw^{2/3}}{v^{2/3}}}$	AB	K	K	H
9911	7525	1	$\frac{\sqrt{u}\ln(w)}{\sqrt[3]{v}}$	AB	K	E	CD
9912	7526	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\ln(w)}$	AB	K	E	CDI
9913	7527	1	$\frac{\sqrt{u}\ln(w)\pi}{\sqrt[3]{v}}$	AB	K	E	CDF
9914	7528	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\ln(w)\pi}$	AB	K	E	CDIF
9915	7529	1	$\frac{u(\ln(w))^2}{v^{2/3}}$	AB	K	E	AB
9916	7530	1	$\sqrt{\frac{\sqrt{u}\ln(w)}{\sqrt[3]{v}}}$	AB	K	E	R

9917	7531	1	$\frac{u^{3/2} (\ln (w))^3}{v}$	AB	K	E	K
9918	7532	1	$w^{\frac{\sqrt{u}}{\sqrt[3]{v}}}$	AB	K	E	E
9919	7533	1	$\log \left(\frac{\sqrt{u} \ln (w)}{\sqrt[3]{v}} \right)$	AB	K	E	L
9920	7534	1	$\arcsin \left(\frac{\sqrt{u} \ln (w)}{\sqrt[3]{v}} \right)$	AB	K	E	S
9921	7535	1	$\arctan \left(\frac{\sqrt{u} \ln (w)}{\sqrt[3]{v}} \right)$	AB	K	E	T
9922	7536	1	$\sqrt{-\frac{v^{2/3} + u (\ln (w))^2}{v^{2/3}}}$	AB	K	E	P
9923	7537	1	$\sqrt{\frac{v^{2/3} + u (\ln (w))^2}{v^{2/3}}}$	AB	K	E	H
9924	7538	1	$\frac{\sqrt{u} \text{Exp}(w)}{\sqrt[3]{v}}$	AB	K	L	CD
9925	7539	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \text{Exp}(w)}$	AB	K	L	CDI
9926	7540	1	$\frac{\sqrt{u} \text{Exp}(w) \pi}{\sqrt[3]{v}}$	AB	K	L	CDF
9927	7541	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \text{Exp}(w) \pi}$	AB	K	L	CDIF
9928	7542	1	$\frac{u (\text{Exp}(w))^2}{v^{2/3}}$	AB	K	L	AB
9929	7543	1	$\sqrt{\frac{\sqrt{u} \text{Exp}(w)}{\sqrt[3]{v}}}$	AB	K	L	R
9930	7544	1	$\frac{u^{3/2} (\text{Exp}(w))^3}{v}$	AB	K	L	K

9931	7545	1	$e^{\frac{\sqrt{u}Exp(w)}{\sqrt[3]{v}}}$	AB	K	L	E
9932	7546	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\sqrt[3]{v}}\right)$	AB	K	L	L
9933	7547	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\sqrt[3]{v}}\right)$	AB	K	L	S
9934	7548	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\sqrt[3]{v}}\right)$	AB	K	L	T
9935	7549	1	$\sqrt{-\frac{v^{2/3} + u(Exp(w))^2}{v^{2/3}}}$	AB	K	L	P
9936	7550	1	$\sqrt{\frac{v^{2/3} + u(Exp(w))^2}{v^{2/3}}}$	AB	K	L	H
9937	7551	1	$\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}}$	AB	K	S	CD
9938	7552	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \sin(w)}$	AB	K	S	CDI
9939	7553	1	$\frac{\sqrt{u} \sin(w) \pi}{\sqrt[3]{v}}$	AB	K	S	CDF
9940	7554	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \sin(w) \pi}$	AB	K	S	CDIF
9941	7555	1	$\frac{u(\sin(w))^2}{v^{2/3}}$	AB	K	S	AB
9942	7556	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}}}$	AB	K	S	R
9943	7557	1	$\frac{u^{3/2}(\sin(w))^3}{v}$	AB	K	S	K
9944	7558	1	$e^{\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}}}$	AB	K	S	E

9945	7559	1	$\log \left(\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}} \right)$	AB	K	S	L
9946	7560	1	$\arcsin \left(\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}} \right)$	AB	K	S	S
9947	7561	1	$\arctan \left(\frac{\sqrt{u} \sin(w)}{\sqrt[3]{v}} \right)$	AB	K	S	T
9948	7562	1	$\sqrt{\frac{v^{2/3} + u (\cos(w))^2 - u}{v^{2/3}}}$	AB	K	S	P
9949	7563	1	$\sqrt{-\frac{v^{2/3} + u (\cos(w))^2 - u}{v^{2/3}}}$	AB	K	S	H
9950	7564	1	$\frac{\sqrt{u} \tan(w)}{\sqrt[3]{v}}$	AB	K	T	CD
9951	7565	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \tan(w)}$	AB	K	T	CDI
9952	7566	1	$\frac{\sqrt{u} \tan(w) \pi}{\sqrt[3]{v}}$	AB	K	T	CDF
9953	7567	1	$\frac{\sqrt[3]{v}}{\sqrt{u} \tan(w) \pi}$	AB	K	T	CDIF
9954	7568	1	$\frac{u (\tan(w))^2}{v^{2/3}}$	AB	K	T	AB
9955	7569	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{\sqrt[3]{v}}}$	AB	K	T	R
9956	7570	1	$\frac{u^{3/2} (\tan(w))^3}{v}$	AB	K	T	K
9957	7571	1	$e^{\frac{\sqrt{u} \tan(w)}{\sqrt[3]{v}}}$	AB	K	T	E
9958	7572	1	$\log \left(\frac{\sqrt{u} \tan(w)}{\sqrt[3]{v}} \right)$	AB	K	T	L

9959	7573	1	$\arcsin\left(\frac{\sqrt{u}\tan(w)}{\sqrt[3]{v}}\right)$	AB	K	T	S
9960	7574	1	$\arctan\left(\frac{\sqrt{u}\tan(w)}{\sqrt[3]{v}}\right)$	AB	K	T	T
9961	7575	1	$\sqrt{-\frac{v^{2/3}+u(\tan(w))^2}{v^{2/3}}}$	AB	K	T	P
9962	7576	1	$\sqrt{\frac{v^{2/3}+u(\tan(w))^2}{v^{2/3}}}$	AB	K	T	H
9963	7577	1	$\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}$	AB	K	P	CD
9964	7578	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{1-w^2}}$	AB	K	P	CDI
9965	7579	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{\sqrt[3]{v}}$	AB	K	P	CDF
9966	7580	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	K	P	CDIF
9967	7581	1	$-\frac{u(-1+w^2)}{v^{2/3}}$	AB	K	P	AB
9968	7582	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	AB	K	P	R
9969	7583	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{v}$	AB	K	P	K
9970	7584	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	AB	K	P	E
9971	7585	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	AB	K	P	L
9972	7586	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	AB	K	P	S

9973	7587	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	AB	K	P	T
9974	7588	1	$\sqrt{\frac{v^{2/3}-u+uw^2}{v^{2/3}}}$	AB	K	P	P
9975	7588	2	$\sqrt{\frac{v^{2/3}-u+uw^2}{v^{2/3}}}$	AB	K	H	H
9976	7589	1	$\sqrt{-\frac{v^{2/3}-u+uw^2}{v^{2/3}}}$	AB	K	P	H
9977	7589	2	$\sqrt{-\frac{v^{2/3}-u+uw^2}{v^{2/3}}}$	AB	K	H	P
9978	7590	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}$	AB	K	H	CD
9979	7591	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{-1+w^2}}$	AB	K	H	CDI
9980	7592	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	AB	K	H	CDF
9981	7593	1	$\frac{\sqrt[3]{v}}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	K	H	CDIF
9982	7594	1	$\frac{u(-1+w^2)}{v^{2/3}}$	AB	K	H	AB
9983	7595	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	AB	K	H	R
9984	7596	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{v}$	AB	K	H	K
9985	7597	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	AB	K	H	E
9986	7598	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	AB	K	H	L
9987	7599	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	AB	K	H	S

9988	7600	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	AB	K	H	T
9989	7601	1	$\frac{\sqrt{uw}}{\ln(v)}$	AB	E	CD	CD
9990	7601	2	$\frac{\sqrt{uw}}{\ln(v)}$	AB	E	CDF	CDF
9991	7602	1	$\frac{\ln(v)}{\sqrt{uw}}$	AB	E	CD	CDI
9992	7602	2	$\frac{\ln(v)}{\sqrt{uw}}$	AB	E	CDF	CDIF
9993	7603	1	$\frac{\sqrt{uw}\pi}{\ln(v)}$	AB	E	CD	CDF
9994	7604	1	$\frac{\ln(v)}{\sqrt{uw}\pi}$	AB	E	CD	CDIF
9995	7605	1	$\frac{uw^2}{(\ln(v))^2}$	AB	E	CD	AB
9996	7606	1	$\sqrt{\frac{\sqrt{uw}}{\ln(v)}}$	AB	E	CD	R
9997	7607	1	$\frac{u^{3/2}w^3}{(\ln(v))^3}$	AB	E	CD	K
9998	7608	1	$e^{\frac{\sqrt{uw}}{\ln(v)}}$	AB	E	CD	E
9999	7609	1	$\log\left(\frac{\sqrt{uw}}{\ln(v)}\right)$	AB	E	CD	L
10000	7610	1	$\arcsin\left(\frac{\sqrt{uw}}{\ln(v)}\right)$	AB	E	CD	S
10001	7611	1	$\arctan\left(\frac{\sqrt{uw}}{\ln(v)}\right)$	AB	E	CD	T
10002	7612	1	$\sqrt{-\frac{(\ln(v))^2+uw^2}{(\ln(v))^2}}$	AB	E	CD	P

10003	7613	1	$\sqrt{\frac{(\ln(v))^2 + uw^2}{(\ln(v))^2}}$	AB	E	CD	H
10004	7614	1	$\frac{\sqrt{u}}{\ln(v) w}$	AB	E	CDI	CD
10005	7614	2	$\frac{\sqrt{u}}{\ln(v) w}$	AB	E	CDIF	CDF
10006	7615	1	$\frac{\ln(v) w}{\sqrt{u}}$	AB	E	CDI	CDI
10007	7615	2	$\frac{\ln(v) w}{\sqrt{u}}$	AB	E	CDIF	CDIF
10008	7616	1	$\frac{\sqrt{u}\pi}{\ln(v) w}$	AB	E	CDI	CDF
10009	7617	1	$\frac{\ln(v) w}{\sqrt{u}\pi}$	AB	E	CDI	CDIF
10010	7618	1	$\frac{u}{(\ln(v))^2 w^2}$	AB	E	CDI	AB
10011	7619	1	$\sqrt{\frac{\sqrt{u}}{\ln(v) w}}$	AB	E	CDI	R
10012	7620	1	$\frac{u^{3/2}}{(\ln(v))^3 w^3}$	AB	E	CDI	K
10013	7621	1	$e^{\frac{\sqrt{u}}{\ln(v) w}}$	AB	E	CDI	E
10014	7622	1	$\log\left(\frac{\sqrt{u}}{\ln(v) w}\right)$	AB	E	CDI	L
10015	7623	1	$\arcsin\left(\frac{\sqrt{u}}{\ln(v) w}\right)$	AB	E	CDI	S
10016	7624	1	$\arctan\left(\frac{\sqrt{u}}{\ln(v) w}\right)$	AB	E	CDI	T
10017	7625	1	$\sqrt{-\frac{(\ln(v))^2 w^2 + u}{(\ln(v))^2 w^2}}$	AB	E	CDI	P

10018	7626	1	$\sqrt{\frac{(\ln(v))^2 w^2 + u}{(\ln(v))^2 w^2}}$	AB	E	CDI	H
10019	7627	1	$\frac{\sqrt{uw}}{\ln(v) \pi}$	AB	E	CDF	CD
10020	7628	1	$\frac{\ln(v) \pi}{\sqrt{uw}}$	AB	E	CDF	CDI
10021	7629	1	$\frac{uw^2}{(\ln(v))^2 \pi^2}$	AB	E	CDF	AB
10022	7630	1	$\sqrt{\frac{\sqrt{uw}}{\ln(v) \pi}}$	AB	E	CDF	R
10023	7631	1	$\frac{u^{3/2} w^3}{(\ln(v))^3 \pi^3}$	AB	E	CDF	K
10024	7632	1	$e^{\frac{\sqrt{uw}}{\ln(v) \pi}}$	AB	E	CDF	E
10025	7633	1	$\log\left(\frac{\sqrt{uw}}{\ln(v) \pi}\right)$	AB	E	CDF	L
10026	7634	1	$\arcsin\left(\frac{\sqrt{uw}}{\ln(v) \pi}\right)$	AB	E	CDF	S
10027	7635	1	$\arctan\left(\frac{\sqrt{uw}}{\ln(v) \pi}\right)$	AB	E	CDF	T
10028	7636	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + uw^2}{(\ln(v))^2 \pi^2}}$	AB	E	CDF	P
10029	7637	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + uw^2}{(\ln(v))^2 \pi^2}}$	AB	E	CDF	H
10030	7638	1	$\frac{\sqrt{u}}{\ln(v) w \pi}$	AB	E	CDIF	CD
10031	7639	1	$\frac{\ln(v) w \pi}{\sqrt{u}}$	AB	E	CDIF	CDI

10032	7640	1	$\frac{u}{(\ln(v))^2 w^2 \pi^2}$	AB	E	CDIF	AB
10033	7641	1	$\sqrt{\frac{\sqrt{u}}{\ln(v) w \pi}}$	AB	E	CDIF	R
10034	7642	1	$\frac{u^{3/2}}{(\ln(v))^3 w^3 \pi^3}$	AB	E	CDIF	K
10035	7643	1	$e^{\frac{\sqrt{u}}{\ln(v) w \pi}}$	AB	E	CDIF	E
10036	7644	1	$\log\left(\frac{\sqrt{u}}{\ln(v) w \pi}\right)$	AB	E	CDIF	L
10037	7645	1	$\arcsin\left(\frac{\sqrt{u}}{\ln(v) w \pi}\right)$	AB	E	CDIF	S
10038	7646	1	$\arctan\left(\frac{\sqrt{u}}{\ln(v) w \pi}\right)$	AB	E	CDIF	T
10039	7647	1	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 + u}{(\ln(v))^2 w^2 \pi^2}}$	AB	E	CDIF	P
10040	7648	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + u}{(\ln(v))^2 w^2 \pi^2}}$	AB	E	CDIF	H
10041	7649	1	$\frac{\sqrt{u}\sqrt{w}}{\ln(v)}$	AB	E	AB	CD
10042	7650	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{w}}$	AB	E	AB	CDI
10043	7651	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\ln(v)}$	AB	E	AB	CDF
10044	7652	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{w}\pi}$	AB	E	AB	CDIF
10045	7653	1	$\frac{uw}{(\ln(v))^2}$	AB	E	AB	AB
10046	7654	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\ln(v)}}$	AB	E	AB	R

10047	7655	1	$\frac{u^{3/2}w^{3/2}}{(\ln(v))^3}$	AB	E	AB	K
10048	7656	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\ln(v)}}$	AB	E	AB	E
10049	7657	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\ln(v)}\right)$	AB	E	AB	L
10050	7658	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\ln(v)}\right)$	AB	E	AB	S
10051	7659	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\ln(v)}\right)$	AB	E	AB	T
10052	7660	1	$\sqrt{-\frac{(\ln(v))^2 + uw}{(\ln(v))^2}}$	AB	E	AB	P
10053	7661	1	$\sqrt{\frac{(\ln(v))^2 + uw}{(\ln(v))^2}}$	AB	E	AB	H
10054	7662	1	$\frac{\sqrt{u}w^2}{\ln(v)}$	AB	E	R	CD
10055	7663	1	$\frac{\ln(v)}{\sqrt{u}w^2}$	AB	E	R	CDI
10056	7664	1	$\frac{\sqrt{u}w^2\pi}{\ln(v)}$	AB	E	R	CDF
10057	7665	1	$\frac{\ln(v)}{\sqrt{u}w^2\pi}$	AB	E	R	CDIF
10058	7666	1	$\frac{uw^4}{(\ln(v))^2}$	AB	E	R	AB
10059	7667	1	$\sqrt{\frac{\sqrt{u}w^2}{\ln(v)}}$	AB	E	R	R
10060	7668	1	$\frac{u^{3/2}w^6}{(\ln(v))^3}$	AB	E	R	K

10061	7669	1	$e^{\frac{\sqrt{uw}^2}{\ln(v)}}$	AB	E	R	E
10062	7670	1	$\log\left(\frac{\sqrt{uw}^2}{\ln(v)}\right)$	AB	E	R	L
10063	7671	1	$\arcsin\left(\frac{\sqrt{uw}^2}{\ln(v)}\right)$	AB	E	R	S
10064	7672	1	$\arctan\left(\frac{\sqrt{uw}^2}{\ln(v)}\right)$	AB	E	R	T
10065	7673	1	$\sqrt{-\frac{(\ln(v))^2 + uw^4}{(\ln(v))^2}}$	AB	E	R	P
10066	7674	1	$\sqrt{\frac{(\ln(v))^2 + uw^4}{(\ln(v))^2}}$	AB	E	R	H
10067	7675	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}$	AB	E	K	CD
10068	7676	1	$\frac{\ln(v)}{\sqrt{u}\sqrt[3]{w}}$	AB	E	K	CDI
10069	7677	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\ln(v)}$	AB	E	K	CDF
10070	7678	1	$\frac{\ln(v)}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	E	K	CDIF
10071	7679	1	$\frac{uw^{2/3}}{(\ln(v))^2}$	AB	E	K	AB
10072	7680	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}}$	AB	E	K	R
10073	7681	1	$\frac{u^{3/2}w}{(\ln(v))^3}$	AB	E	K	K
10074	7682	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}}$	AB	E	K	E
10075	7683	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}\right)$	AB	E	K	L

10076	7684	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}\right)$	AB	E	K	S
10077	7685	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{\ln(v)}\right)$	AB	E	K	T
10078	7686	1	$\sqrt{-\frac{(\ln(v))^2 + uw^{2/3}}{(\ln(v))^2}}$	AB	E	K	P
10079	7687	1	$\sqrt{\frac{(\ln(v))^2 + uw^{2/3}}{(\ln(v))^2}}$	AB	E	K	H
10080	7688	1	$\frac{\sqrt{u}\ln(w)}{\ln(v)}$	AB	E	E	CD
10081	7689	1	$\frac{\ln(v)}{\sqrt{u}\ln(w)}$	AB	E	E	CDI
10082	7690	1	$\frac{\sqrt{u}\ln(w)\pi}{\ln(v)}$	AB	E	E	CDF
10083	7691	1	$\frac{\ln(v)}{\sqrt{u}\ln(w)\pi}$	AB	E	E	CDIF
10084	7692	1	$\frac{u(\ln(w))^2}{(\ln(v))^2}$	AB	E	E	AB
10085	7693	1	$\sqrt{\frac{\sqrt{u}\ln(w)}{\ln(v)}}$	AB	E	E	R
10086	7694	1	$\frac{u^{3/2}(\ln(w))^3}{(\ln(v))^3}$	AB	E	E	K
10087	7695	1	$w^{\frac{\sqrt{u}}{\ln(v)}}$	AB	E	E	E
10088	7696	1	$\log\left(\frac{\sqrt{u}\ln(w)}{\ln(v)}\right)$	AB	E	E	L
10089	7697	1	$\arcsin\left(\frac{\sqrt{u}\ln(w)}{\ln(v)}\right)$	AB	E	E	S

10090	7698	1	$\arctan\left(\frac{\sqrt{u}\ln(w)}{\ln(v)}\right)$	AB	E	E	T
10091	7699	1	$\sqrt{-\frac{(\ln(v))^2 + u(\ln(w))^2}{(\ln(v))^2}}$	AB	E	E	P
10092	7700	1	$\sqrt{\frac{(\ln(v))^2 + u(\ln(w))^2}{(\ln(v))^2}}$	AB	E	E	H
10093	7701	1	$\frac{\sqrt{u}Exp(w)}{\ln(v)}$	AB	E	L	CD
10094	7702	1	$\frac{\ln(v)}{\sqrt{u}Exp(w)}$	AB	E	L	CDI
10095	7703	1	$\frac{\sqrt{u}Exp(w)\pi}{\ln(v)}$	AB	E	L	CDF
10096	7704	1	$\frac{\ln(v)}{\sqrt{u}Exp(w)\pi}$	AB	E	L	CDIF
10097	7705	1	$\frac{u(Exp(w))^2}{(\ln(v))^2}$	AB	E	L	AB
10098	7706	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{\ln(v)}}$	AB	E	L	R
10099	7707	1	$\frac{u^{3/2}(Exp(w))^3}{(\ln(v))^3}$	AB	E	L	K
10100	7708	1	$e^{\frac{\sqrt{u}Exp(w)}{\ln(v)}}$	AB	E	L	E
10101	7709	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\ln(v)}\right)$	AB	E	L	L
10102	7710	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\ln(v)}\right)$	AB	E	L	S
10103	7711	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\ln(v)}\right)$	AB	E	L	T

10104	7712	1	$\sqrt{-\frac{(\ln(v))^2 + u(Exp(w))^2}{(\ln(v))^2}}$	AB	E	L	P
10105	7713	1	$\sqrt{\frac{(\ln(v))^2 + u(Exp(w))^2}{(\ln(v))^2}}$	AB	E	L	H
10106	7714	1	$\frac{\sqrt{u} \sin(w)}{\ln(v)}$	AB	E	S	CD
10107	7715	1	$\frac{\ln(v)}{\sqrt{u} \sin(w)}$	AB	E	S	CDI
10108	7716	1	$\frac{\sqrt{u} \sin(w) \pi}{\ln(v)}$	AB	E	S	CDF
10109	7717	1	$\frac{\ln(v)}{\sqrt{u} \sin(w) \pi}$	AB	E	S	CDIF
10110	7718	1	$\frac{u(\sin(w))^2}{(\ln(v))^2}$	AB	E	S	AB
10111	7719	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{\ln(v)}}$	AB	E	S	R
10112	7720	1	$\frac{u^{3/2}(\sin(w))^3}{(\ln(v))^3}$	AB	E	S	K
10113	7721	1	$e^{\frac{\sqrt{u} \sin(w)}{\ln(v)}}$	AB	E	S	E
10114	7722	1	$\log\left(\frac{\sqrt{u} \sin(w)}{\ln(v)}\right)$	AB	E	S	L
10115	7723	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{\ln(v)}\right)$	AB	E	S	S
10116	7724	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{\ln(v)}\right)$	AB	E	S	T
10117	7725	1	$\sqrt{\frac{(\ln(v))^2 - u + u(\cos(w))^2}{(\ln(v))^2}}$	AB	E	S	P

10118	7726	1	$\sqrt{-\frac{(\ln(v))^2 - u + u(\cos(w))^2}{(\ln(v))^2}}$	AB	E	S	H
10119	7727	1	$\frac{\sqrt{u} \tan(w)}{\ln(v)}$	AB	E	T	CD
10120	7728	1	$\frac{\ln(v)}{\sqrt{u} \tan(w)}$	AB	E	T	CDI
10121	7729	1	$\frac{\sqrt{u} \tan(w) \pi}{\ln(v)}$	AB	E	T	CDF
10122	7730	1	$\frac{\ln(v)}{\sqrt{u} \tan(w) \pi}$	AB	E	T	CDIF
10123	7731	1	$\frac{u(\tan(w))^2}{(\ln(v))^2}$	AB	E	T	AB
10124	7732	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{\ln(v)}}$	AB	E	T	R
10125	7733	1	$\frac{u^{3/2}(\tan(w))^3}{(\ln(v))^3}$	AB	E	T	K
10126	7734	1	$e^{\frac{\sqrt{u} \tan(w)}{\ln(v)}}$	AB	E	T	E
10127	7735	1	$\log\left(\frac{\sqrt{u} \tan(w)}{\ln(v)}\right)$	AB	E	T	L
10128	7736	1	$\arcsin\left(\frac{\sqrt{u} \tan(w)}{\ln(v)}\right)$	AB	E	T	S
10129	7737	1	$\arctan\left(\frac{\sqrt{u} \tan(w)}{\ln(v)}\right)$	AB	E	T	T
10130	7738	1	$\sqrt{-\frac{(\ln(v))^2 + u(\tan(w))^2}{(\ln(v))^2}}$	AB	E	T	P
10131	7739	1	$\sqrt{\frac{(\ln(v))^2 + u(\tan(w))^2}{(\ln(v))^2}}$	AB	E	T	H

10132	7740	1	$\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}$	AB	E	P	CD
10133	7741	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{1-w^2}}$	AB	E	P	CDI
10134	7742	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{\ln(v)}$	AB	E	P	CDF
10135	7743	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	E	P	CDIF
10136	7744	1	$-\frac{u(-1+w^2)}{(\ln(v))^2}$	AB	E	P	AB
10137	7745	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}}$	AB	E	P	R
10138	7746	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{(\ln(v))^3}$	AB	E	P	K
10139	7747	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}}$	AB	E	P	E
10140	7748	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}\right)$	AB	E	P	L
10141	7749	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}\right)$	AB	E	P	S
10142	7750	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\ln(v)}\right)$	AB	E	P	T
10143	7751	1	$\sqrt{\frac{(\ln(v))^2 - u + uw^2}{(\ln(v))^2}}$	AB	E	P	P
10144	7751	2	$\sqrt{\frac{(\ln(v))^2 - u + uw^2}{(\ln(v))^2}}$	AB	E	H	H
10145	7752	1	$\sqrt{-\frac{(\ln(v))^2 - u + uw^2}{(\ln(v))^2}}$	AB	E	P	H

10146	7752	2	$\sqrt{-\frac{-(\ln(v))^2 - u + uw^2}{(\ln(v))^2}}$	AB	E	H	P
10147	7753	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}$	AB	E	H	CD
10148	7754	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{-1+w^2}}$	AB	E	H	CDI
10149	7755	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\ln(v)}$	AB	E	H	CDF
10150	7756	1	$\frac{\ln(v)}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	E	H	CDIF
10151	7757	1	$\frac{u(-1+w^2)}{(\ln(v))^2}$	AB	E	H	AB
10152	7758	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}}$	AB	E	H	R
10153	7759	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(\ln(v))^3}$	AB	E	H	K
10154	7760	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}}$	AB	E	H	E
10155	7761	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	AB	E	H	L
10156	7762	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	AB	E	H	S
10157	7763	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	AB	E	H	T
10158	7764	1	$\frac{\sqrt{uw}}{\text{Exp}(v)}$	AB	L	CD	CD
10159	7764	2	$\frac{\sqrt{uw}}{\text{Exp}(v)}$	AB	L	CDF	CDF

10160	7765	1	$\frac{Exp(v)}{\sqrt{uw}}$	AB	L	CD	CDI
10161	7765	2	$\frac{Exp(v)}{\sqrt{uw}}$	AB	L	CDF	CDIF
10162	7766	1	$\frac{\sqrt{uw}\pi}{Exp(v)}$	AB	L	CD	CDF
10163	7767	1	$\frac{Exp(v)}{\sqrt{uw}\pi}$	AB	L	CD	CDIF
10164	7768	1	$\frac{uw^2}{(Exp(v))^2}$	AB	L	CD	AB
10165	7769	1	$\sqrt{\frac{\sqrt{uw}}{Exp(v)}}$	AB	L	CD	R
10166	7770	1	$\frac{u^{3/2}w^3}{(Exp(v))^3}$	AB	L	CD	K
10167	7771	1	$e^{\frac{\sqrt{uw}}{Exp(v)}}$	AB	L	CD	E
10168	7772	1	$\log\left(\frac{\sqrt{uw}}{Exp(v)}\right)$	AB	L	CD	L
10169	7773	1	$\arcsin\left(\frac{\sqrt{uw}}{Exp(v)}\right)$	AB	L	CD	S
10170	7774	1	$\arctan\left(\frac{\sqrt{uw}}{Exp(v)}\right)$	AB	L	CD	T
10171	7775	1	$\sqrt{-\frac{(Exp(v))^2 + uw^2}{(Exp(v))^2}}$	AB	L	CD	P
10172	7776	1	$\sqrt{\frac{(Exp(v))^2 + uw^2}{(Exp(v))^2}}$	AB	L	CD	H
10173	7777	1	$\frac{\sqrt{u}}{Exp(v)w}$	AB	L	CDI	CD
10174	7777	2	$\frac{\sqrt{u}}{Exp(v)w}$	AB	L	CDIF	CDF

10175	7778	1	$\frac{Exp(v) w}{\sqrt{u}}$	AB	L	CDI	CDI
10176	7778	2	$\frac{Exp(v) w}{\sqrt{u}}$	AB	L	CDIF	CDIF
10177	7779	1	$\frac{\sqrt{u}\pi}{Exp(v) w}$	AB	L	CDI	CDF
10178	7780	1	$\frac{Exp(v) w}{\sqrt{u}\pi}$	AB	L	CDI	CDIF
10179	7781	1	$\frac{u}{(Exp(v))^2 w^2}$	AB	L	CDI	AB
10180	7782	1	$\sqrt{\frac{\sqrt{u}}{Exp(v) w}}$	AB	L	CDI	R
10181	7783	1	$\frac{u^{3/2}}{(Exp(v))^3 w^3}$	AB	L	CDI	K
10182	7784	1	$e^{\frac{\sqrt{u}}{Exp(v) w}}$	AB	L	CDI	E
10183	7785	1	$\log\left(\frac{\sqrt{u}}{Exp(v) w}\right)$	AB	L	CDI	L
10184	7786	1	$\arcsin\left(\frac{\sqrt{u}}{Exp(v) w}\right)$	AB	L	CDI	S
10185	7787	1	$\arctan\left(\frac{\sqrt{u}}{Exp(v) w}\right)$	AB	L	CDI	T
10186	7788	1	$\sqrt{-\frac{(Exp(v))^2 w^2 + u}{(Exp(v))^2 w^2}}$	AB	L	CDI	P
10187	7789	1	$\sqrt{\frac{(Exp(v))^2 w^2 + u}{(Exp(v))^2 w^2}}$	AB	L	CDI	H
10188	7790	1	$\frac{\sqrt{u} w}{Exp(v) \pi}$	AB	L	CDF	CD
10189	7791	1	$\frac{Exp(v) \pi}{\sqrt{u} w}$	AB	L	CDF	CDI

10190	7792	1	$\frac{uw^2}{(Exp(v))^2 \pi^2}$	AB	L	CDF	AB
10191	7793	1	$\sqrt{\frac{\sqrt{uw}}{Exp(v) \pi}}$	AB	L	CDF	R
10192	7794	1	$\frac{u^{3/2} w^3}{(Exp(v))^3 \pi^3}$	AB	L	CDF	K
10193	7795	1	$e^{\frac{\sqrt{u} w}{Exp(v) \pi}}$	AB	L	CDF	E
10194	7796	1	$\log\left(\frac{\sqrt{uw}}{Exp(v) \pi}\right)$	AB	L	CDF	L
10195	7797	1	$\arcsin\left(\frac{\sqrt{uw}}{Exp(v) \pi}\right)$	AB	L	CDF	S
10196	7798	1	$\arctan\left(\frac{\sqrt{uw}}{Exp(v) \pi}\right)$	AB	L	CDF	T
10197	7799	1	$\sqrt{-\frac{(Exp(v))^2 \pi^2 + uw^2}{(Exp(v))^2 \pi^2}}$	AB	L	CDF	P
10198	7800	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + uw^2}{(Exp(v))^2 \pi^2}}$	AB	L	CDF	H
10199	7801	1	$\frac{\sqrt{u}}{Exp(v) w \pi}$	AB	L	CDIF	CD
10200	7802	1	$\frac{Exp(v) w \pi}{\sqrt{u}}$	AB	L	CDIF	CDI
10201	7803	1	$\frac{u}{(Exp(v))^2 w^2 \pi^2}$	AB	L	CDIF	AB
10202	7804	1	$\sqrt{\frac{\sqrt{u}}{Exp(v) w \pi}}$	AB	L	CDIF	R
10203	7805	1	$\frac{u^{3/2}}{(Exp(v))^3 w^3 \pi^3}$	AB	L	CDIF	K
10204	7806	1	$e^{\frac{\sqrt{u}}{Exp(v) w \pi}}$	AB	L	CDIF	E

10205	7807	1	$\log \left(\frac{\sqrt{u}}{\text{Exp}(v) w \pi} \right)$	AB	L	CDIF	L
10206	7808	1	$\arcsin \left(\frac{\sqrt{u}}{\text{Exp}(v) w \pi} \right)$	AB	L	CDIF	S
10207	7809	1	$\arctan \left(\frac{\sqrt{u}}{\text{Exp}(v) w \pi} \right)$	AB	L	CDIF	T
10208	7810	1	$\sqrt{-\frac{(\text{Exp}(v))^2 w^2 \pi^2 + u}{(\text{Exp}(v))^2 w^2 \pi^2}}$	AB	L	CDIF	P
10209	7811	1	$\sqrt{\frac{(\text{Exp}(v))^2 w^2 \pi^2 + u}{(\text{Exp}(v))^2 w^2 \pi^2}}$	AB	L	CDIF	H
10210	7812	1	$\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)}$	AB	L	AB	CD
10211	7813	1	$\frac{\text{Exp}(v)}{\sqrt{u}\sqrt{w}}$	AB	L	AB	CDI
10212	7814	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\text{Exp}(v)}$	AB	L	AB	CDF
10213	7815	1	$\frac{\text{Exp}(v)}{\sqrt{u}\sqrt{w}\pi}$	AB	L	AB	CDIF
10214	7816	1	$\frac{uw}{(\text{Exp}(v))^2}$	AB	L	AB	AB
10215	7817	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)}}$	AB	L	AB	R
10216	7818	1	$\frac{u^{3/2}w^{3/2}}{(\text{Exp}(v))^3}$	AB	L	AB	K
10217	7819	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)}}$	AB	L	AB	E
10218	7820	1	$\log \left(\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)} \right)$	AB	L	AB	L

10219	7821	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)}\right)$	AB	L	AB	S
10220	7822	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\text{Exp}(v)}\right)$	AB	L	AB	T
10221	7823	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + uw}{(\text{Exp}(v))^2}}$	AB	L	AB	P
10222	7824	1	$\sqrt{\frac{(\text{Exp}(v))^2 + uw}{(\text{Exp}(v))^2}}$	AB	L	AB	H
10223	7825	1	$\frac{\sqrt{u}w^2}{\text{Exp}(v)}$	AB	L	R	CD
10224	7826	1	$\frac{\text{Exp}(v)}{\sqrt{u}w^2}$	AB	L	R	CDI
10225	7827	1	$\frac{\sqrt{u}w^2\pi}{\text{Exp}(v)}$	AB	L	R	CDF
10226	7828	1	$\frac{\text{Exp}(v)}{\sqrt{u}w^2\pi}$	AB	L	R	CDIF
10227	7829	1	$\frac{uw^4}{(\text{Exp}(v))^2}$	AB	L	R	AB
10228	7830	1	$\sqrt{\frac{\sqrt{u}w^2}{\text{Exp}(v)}}$	AB	L	R	R
10229	7831	1	$\frac{u^{3/2}w^6}{(\text{Exp}(v))^3}$	AB	L	R	K
10230	7832	1	$e^{\frac{\sqrt{u}w^2}{\text{Exp}(v)}}$	AB	L	R	E
10231	7833	1	$\log\left(\frac{\sqrt{u}w^2}{\text{Exp}(v)}\right)$	AB	L	R	L
10232	7834	1	$\arcsin\left(\frac{\sqrt{u}w^2}{\text{Exp}(v)}\right)$	AB	L	R	S
10233	7835	1	$\arctan\left(\frac{\sqrt{u}w^2}{\text{Exp}(v)}\right)$	AB	L	R	T

10234	7836	1	$\sqrt{-\frac{(Exp(v))^2 + uw^4}{(Exp(v))^2}}$	AB	L	R	P
10235	7837	1	$\sqrt{\frac{(Exp(v))^2 + uw^4}{(Exp(v))^2}}$	AB	L	R	H
10236	7838	1	$\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}$	AB	L	K	CD
10237	7839	1	$\frac{Exp(v)}{\sqrt{u}\sqrt[3]{w}}$	AB	L	K	CDI
10238	7840	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{Exp(v)}$	AB	L	K	CDF
10239	7841	1	$\frac{Exp(v)}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	L	K	CDIF
10240	7842	1	$\frac{uw^{2/3}}{(Exp(v))^2}$	AB	L	K	AB
10241	7843	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}}$	AB	L	K	R
10242	7844	1	$\frac{u^{3/2}w}{(Exp(v))^3}$	AB	L	K	K
10243	7845	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}}$	AB	L	K	E
10244	7846	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}\right)$	AB	L	K	L
10245	7847	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}\right)$	AB	L	K	S
10246	7848	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{Exp(v)}\right)$	AB	L	K	T
10247	7849	1	$\sqrt{-\frac{(Exp(v))^2 + uw^{2/3}}{(Exp(v))^2}}$	AB	L	K	P

10248	7850	1	$\sqrt{\frac{(Exp(v))^2 + uw^{2/3}}{(Exp(v))^2}}$	AB	L	K	H
10249	7851	1	$\frac{\sqrt{u} \ln(w)}{Exp(v)}$	AB	L	E	CD
10250	7852	1	$\frac{Exp(v)}{\sqrt{u} \ln(w)}$	AB	L	E	CDI
10251	7853	1	$\frac{\sqrt{u} \ln(w) \pi}{Exp(v)}$	AB	L	E	CDF
10252	7854	1	$\frac{Exp(v)}{\sqrt{u} \ln(w) \pi}$	AB	L	E	CDIF
10253	7855	1	$\frac{u (\ln(w))^2}{(Exp(v))^2}$	AB	L	E	AB
10254	7856	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{Exp(v)}}$	AB	L	E	R
10255	7857	1	$\frac{u^{3/2} (\ln(w))^3}{(Exp(v))^3}$	AB	L	E	K
10256	7858	1	$w^{\frac{\sqrt{u}}{Exp(v)}}$	AB	L	E	E
10257	7859	1	$\log\left(\frac{\sqrt{u} \ln(w)}{Exp(v)}\right)$	AB	L	E	L
10258	7860	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{Exp(v)}\right)$	AB	L	E	S
10259	7861	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{Exp(v)}\right)$	AB	L	E	T
10260	7862	1	$\sqrt{-\frac{(Exp(v))^2 + u (\ln(w))^2}{(Exp(v))^2}}$	AB	L	E	P
10261	7863	1	$\sqrt{\frac{(Exp(v))^2 + u (\ln(w))^2}{(Exp(v))^2}}$	AB	L	E	H

10262	7864	1	$\frac{\sqrt{u}Exp(w)}{Exp(v)}$	AB	L	L	CD
10263	7865	1	$\frac{Exp(v)}{\sqrt{u}Exp(w)}$	AB	L	L	CDI
10264	7866	1	$\frac{\sqrt{u}Exp(w) \pi}{Exp(v)}$	AB	L	L	CDF
10265	7867	1	$\frac{Exp(v)}{\sqrt{u}Exp(w) \pi}$	AB	L	L	CDIF
10266	7868	1	$\frac{u (Exp(w))^2}{(Exp(v))^2}$	AB	L	L	AB
10267	7869	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{Exp(v)}}$	AB	L	L	R
10268	7870	1	$\frac{u^{3/2} (Exp(w))^3}{(Exp(v))^3}$	AB	L	L	K
10269	7871	1	$e^{\frac{\sqrt{u}Exp(w)}{Exp(v)}}$	AB	L	L	E
10270	7872	1	$\log\left(\frac{\sqrt{u}Exp(w)}{Exp(v)}\right)$	AB	L	L	L
10271	7873	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{Exp(v)}\right)$	AB	L	L	S
10272	7874	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{Exp(v)}\right)$	AB	L	L	T
10273	7875	1	$\sqrt{-\frac{(Exp(v))^2 + u (Exp(w))^2}{(Exp(v))^2}}$	AB	L	L	P
10274	7876	1	$\sqrt{\frac{(Exp(v))^2 + u (Exp(w))^2}{(Exp(v))^2}}$	AB	L	L	H
10275	7877	1	$\frac{\sqrt{u} \sin(w)}{Exp(v)}$	AB	L	S	CD
10276	7878	1	$\frac{Exp(v)}{\sqrt{u} \sin(w)}$	AB	L	S	CDI

10277	7879	1	$\frac{\sqrt{u} \sin(w) \pi}{Exp(v)}$	AB	L	S	CDF
10278	7880	1	$\frac{Exp(v)}{\sqrt{u} \sin(w) \pi}$	AB	L	S	CDIF
10279	7881	1	$\frac{u (\sin(w))^2}{(Exp(v))^2}$	AB	L	S	AB
10280	7882	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{Exp(v)}}$	AB	L	S	R
10281	7883	1	$\frac{u^{3/2} (\sin(w))^3}{(Exp(v))^3}$	AB	L	S	K
10282	7884	1	$e^{\frac{\sqrt{u} \sin(w)}{Exp(v)}}$	AB	L	S	E
10283	7885	1	$\log\left(\frac{\sqrt{u} \sin(w)}{Exp(v)}\right)$	AB	L	S	L
10284	7886	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{Exp(v)}\right)$	AB	L	S	S
10285	7887	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{Exp(v)}\right)$	AB	L	S	T
10286	7888	1	$\sqrt{\frac{(Exp(v))^2 - u + u (\cos(w))^2}{(Exp(v))^2}}$	AB	L	S	P
10287	7889	1	$\sqrt{-\frac{(Exp(v))^2 - u + u (\cos(w))^2}{(Exp(v))^2}}$	AB	L	S	H
10288	7890	1	$\frac{\sqrt{u} \tan(w)}{Exp(v)}$	AB	L	T	CD
10289	7891	1	$\frac{Exp(v)}{\sqrt{u} \tan(w)}$	AB	L	T	CDI
10290	7892	1	$\frac{\sqrt{u} \tan(w) \pi}{Exp(v)}$	AB	L	T	CDF

10291	7893	1	$\frac{Exp(v)}{\sqrt{u} \tan(w) \pi}$	AB	L	T	CDIF
10292	7894	1	$\frac{u (\tan(w))^2}{(Exp(v))^2}$	AB	L	T	AB
10293	7895	1	$\sqrt{\frac{\sqrt{u} \tan(w)}{Exp(v)}}$	AB	L	T	R
10294	7896	1	$\frac{u^{3/2} (\tan(w))^3}{(Exp(v))^3}$	AB	L	T	K
10295	7897	1	$e^{\frac{\sqrt{u} \tan(w)}{Exp(v)}}$	AB	L	T	E
10296	7898	1	$\log\left(\frac{\sqrt{u} \tan(w)}{Exp(v)}\right)$	AB	L	T	L
10297	7899	1	$\arcsin\left(\frac{\sqrt{u} \tan(w)}{Exp(v)}\right)$	AB	L	T	S
10298	7900	1	$\arctan\left(\frac{\sqrt{u} \tan(w)}{Exp(v)}\right)$	AB	L	T	T
10299	7901	1	$\sqrt{-\frac{(Exp(v))^2 + u (\tan(w))^2}{(Exp(v))^2}}$	AB	L	T	P
10300	7902	1	$\sqrt{\frac{(Exp(v))^2 + u (\tan(w))^2}{(Exp(v))^2}}$	AB	L	T	H
10301	7903	1	$\frac{\sqrt{u} \sqrt{1-w^2}}{Exp(v)}$	AB	L	P	CD
10302	7904	1	$\frac{Exp(v)}{\sqrt{u} \sqrt{1-w^2}}$	AB	L	P	CDI
10303	7905	1	$\frac{\sqrt{u} \sqrt{1-w^2} \pi}{Exp(v)}$	AB	L	P	CDF
10304	7906	1	$\frac{Exp(v)}{\sqrt{u} \sqrt{1-w^2} \pi}$	AB	L	P	CDIF

10305	7907	1	$-\frac{u(-1+w^2)}{(Exp(v))^2}$	AB	L	P	AB
10306	7908	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{Exp(v)}}$	AB	L	P	R
10307	7909	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{(Exp(v))^3}$	AB	L	P	K
10308	7910	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{Exp(v)}}$	AB	L	P	E
10309	7911	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{Exp(v)}\right)$	AB	L	P	L
10310	7912	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{Exp(v)}\right)$	AB	L	P	S
10311	7913	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{Exp(v)}\right)$	AB	L	P	T
10312	7914	1	$\sqrt{\frac{(Exp(v))^2 - u + uw^2}{(Exp(v))^2}}$	AB	L	P	P
10313	7914	2	$\sqrt{\frac{(Exp(v))^2 - u + uw^2}{(Exp(v))^2}}$	AB	L	H	H
10314	7915	1	$\sqrt{-\frac{(Exp(v))^2 - u + uw^2}{(Exp(v))^2}}$	AB	L	P	H
10315	7915	2	$\sqrt{-\frac{(Exp(v))^2 - u + uw^2}{(Exp(v))^2}}$	AB	L	H	P
10316	7916	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}$	AB	L	H	CD
10317	7917	1	$\frac{Exp(v)}{\sqrt{u}\sqrt{-1+w^2}}$	AB	L	H	CDI
10318	7918	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{Exp(v)}$	AB	L	H	CDF

10319	7919	1	$\frac{Exp(v)}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	L	H	CDIF
10320	7920	1	$\frac{u(-1+w^2)}{(Exp(v))^2}$	AB	L	H	AB
10321	7921	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}}$	AB	L	H	R
10322	7922	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(Exp(v))^3}$	AB	L	H	K
10323	7923	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}}$	AB	L	H	E
10324	7924	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	AB	L	H	L
10325	7925	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	AB	L	H	S
10326	7926	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	AB	L	H	T
10327	7927	1	$\frac{\sqrt{uw}}{\sin(v)}$	AB	S	CD	CD
10328	7927	2	$\frac{\sqrt{uw}}{\sin(v)}$	AB	S	CDF	CDF
10329	7928	1	$\frac{\sin(v)}{\sqrt{uw}}$	AB	S	CD	CDI
10330	7928	2	$\frac{\sin(v)}{\sqrt{uw}}$	AB	S	CDF	CDIF
10331	7929	1	$\frac{\sqrt{uw}\pi}{\sin(v)}$	AB	S	CD	CDF
10332	7930	1	$\frac{\sin(v)}{\sqrt{uw}\pi}$	AB	S	CD	CDIF
10333	7931	1	$\frac{uw^2}{(\sin(v))^2}$	AB	S	CD	AB

10334	7932	1	$\sqrt{\frac{\sqrt{u}w}{\sin(v)}}$	AB	S	CD	R
10335	7933	1	$\frac{u^{3/2}w^3}{(\sin(v))^3}$	AB	S	CD	K
10336	7934	1	$e^{\frac{\sqrt{u}w}{\sin(v)}}$	AB	S	CD	E
10337	7935	1	$\log\left(\frac{\sqrt{u}w}{\sin(v)}\right)$	AB	S	CD	L
10338	7936	1	$\arcsin\left(\frac{\sqrt{u}w}{\sin(v)}\right)$	AB	S	CD	S
10339	7937	1	$\arctan\left(\frac{\sqrt{u}w}{\sin(v)}\right)$	AB	S	CD	T
10340	7938	1	$\sqrt{-\frac{uw^2-1+(\cos(v))^2}{(\sin(v))^2}}$	AB	S	CD	P
10341	7939	1	$\sqrt{\frac{uw^2+1-(\cos(v))^2}{(\sin(v))^2}}$	AB	S	CD	H
10342	7940	1	$\frac{\sqrt{u}}{\sin(v)w}$	AB	S	CDI	CD
10343	7940	2	$\frac{\sqrt{u}}{\sin(v)w}$	AB	S	CDIF	CDF
10344	7941	1	$\frac{\sin(v)w}{\sqrt{u}}$	AB	S	CDI	CDI
10345	7941	2	$\frac{\sin(v)w}{\sqrt{u}}$	AB	S	CDIF	CDIF
10346	7942	1	$\frac{\sqrt{u}\pi}{\sin(v)w}$	AB	S	CDI	CDF
10347	7943	1	$\frac{\sin(v)w}{\sqrt{u}\pi}$	AB	S	CDI	CDIF
10348	7944	1	$\frac{u}{(\sin(v))^2w^2}$	AB	S	CDI	AB

10349	7945	1	$\sqrt{\frac{\sqrt{u}}{\sin(v) w}}$	AB	S	CDI	R
10350	7946	1	$\frac{u^{3/2}}{(\sin(v))^3 w^3}$	AB	S	CDI	K
10351	7947	1	$e^{\frac{\sqrt{u}}{\sin(v) w}}$	AB	S	CDI	E
10352	7948	1	$\log\left(\frac{\sqrt{u}}{\sin(v) w}\right)$	AB	S	CDI	L
10353	7949	1	$\arcsin\left(\frac{\sqrt{u}}{\sin(v) w}\right)$	AB	S	CDI	S
10354	7950	1	$\arctan\left(\frac{\sqrt{u}}{\sin(v) w}\right)$	AB	S	CDI	T
10355	7951	1	$\sqrt{-\frac{u - w^2 + w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	AB	S	CDI	P
10356	7952	1	$\sqrt{\frac{u + w^2 - w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	AB	S	CDI	H
10357	7953	1	$\frac{\sqrt{uw}}{\sin(v) \pi}$	AB	S	CDF	CD
10358	7954	1	$\frac{\sin(v) \pi}{\sqrt{uw}}$	AB	S	CDF	CDI
10359	7955	1	$\frac{uw^2}{(\sin(v))^2 \pi^2}$	AB	S	CDF	AB
10360	7956	1	$\sqrt{\frac{\sqrt{uw}}{\sin(v) \pi}}$	AB	S	CDF	R
10361	7957	1	$\frac{u^{3/2} w^3}{(\sin(v))^3 \pi^3}$	AB	S	CDF	K
10362	7958	1	$e^{\frac{\sqrt{uw}}{\sin(v) \pi}}$	AB	S	CDF	E

10363	7959	1	$\log \left(\frac{\sqrt{uw}}{\sin(v) \pi} \right)$	AB	S	CDF	L
10364	7960	1	$\arcsin \left(\frac{\sqrt{uw}}{\sin(v) \pi} \right)$	AB	S	CDF	S
10365	7961	1	$\arctan \left(\frac{\sqrt{uw}}{\sin(v) \pi} \right)$	AB	S	CDF	T
10366	7962	1	$\sqrt{-\frac{uw^2 - \pi^2 + \pi^2 (\cos(v))^2}{(\sin(v))^2 \pi^2}}$	AB	S	CDF	P
10367	7963	1	$\sqrt{\frac{uw^2 + \pi^2 - \pi^2 (\cos(v))^2}{(\sin(v))^2 \pi^2}}$	AB	S	CDF	H
10368	7964	1	$\frac{\sqrt{u}}{\sin(v) w \pi}$	AB	S	CDIF	CD
10369	7965	1	$\frac{\sin(v) w \pi}{\sqrt{u}}$	AB	S	CDIF	CDI
10370	7966	1	$\frac{u}{(\sin(v))^2 w^2 \pi^2}$	AB	S	CDIF	AB
10371	7967	1	$\sqrt{\frac{\sqrt{u}}{\sin(v) w \pi}}$	AB	S	CDIF	R
10372	7968	1	$\frac{u^{3/2}}{(\sin(v))^3 w^3 \pi^3}$	AB	S	CDIF	K
10373	7969	1	$e^{\frac{\sqrt{u}}{\sin(v) w \pi}}$	AB	S	CDIF	E
10374	7970	1	$\log \left(\frac{\sqrt{u}}{\sin(v) w \pi} \right)$	AB	S	CDIF	L
10375	7971	1	$\arcsin \left(\frac{\sqrt{u}}{\sin(v) w \pi} \right)$	AB	S	CDIF	S
10376	7972	1	$\arctan \left(\frac{\sqrt{u}}{\sin(v) w \pi} \right)$	AB	S	CDIF	T
10377	7973	1	$\sqrt{-\frac{u - w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	AB	S	CDIF	P

10378	7974	1	$\sqrt{\frac{u + w^2\pi^2 - w^2\pi^2 (\cos(v))^2}{(\sin(v))^2 w^2\pi^2}}$	AB	S	CDIF	H
10379	7975	1	$\frac{\sqrt{u}\sqrt{w}}{\sin(v)}$	AB	S	AB	CD
10380	7976	1	$\frac{\sin(v)}{\sqrt{u}\sqrt{w}}$	AB	S	AB	CDI
10381	7977	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\sin(v)}$	AB	S	AB	CDF
10382	7978	1	$\frac{\sin(v)}{\sqrt{u}\sqrt{w}\pi}$	AB	S	AB	CDIF
10383	7979	1	$\frac{uw}{(\sin(v))^2}$	AB	S	AB	AB
10384	7980	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\sin(v)}}$	AB	S	AB	R
10385	7981	1	$\frac{u^{3/2}w^{3/2}}{(\sin(v))^3}$	AB	S	AB	K
10386	7982	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\sin(v)}}$	AB	S	AB	E
10387	7983	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\sin(v)}\right)$	AB	S	AB	L
10388	7984	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\sin(v)}\right)$	AB	S	AB	S
10389	7985	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\sin(v)}\right)$	AB	S	AB	T
10390	7986	1	$\sqrt{-\frac{uw - 1 + (\cos(v))^2}{(\sin(v))^2}}$	AB	S	AB	P
10391	7987	1	$\sqrt{\frac{uw + 1 - (\cos(v))^2}{(\sin(v))^2}}$	AB	S	AB	H

10392	7988	1	$\frac{\sqrt{uw^2}}{\sin(v)}$	AB	S	R	CD
10393	7989	1	$\frac{\sin(v)}{\sqrt{uw^2}}$	AB	S	R	CDI
10394	7990	1	$\frac{\sqrt{uw^2}\pi}{\sin(v)}$	AB	S	R	CDF
10395	7991	1	$\frac{\sin(v)}{\sqrt{uw^2}\pi}$	AB	S	R	CDIF
10396	7992	1	$\frac{uw^4}{(\sin(v))^2}$	AB	S	R	AB
10397	7993	1	$\sqrt{\frac{\sqrt{uw^2}}{\sin(v)}}$	AB	S	R	R
10398	7994	1	$\frac{u^{3/2}w^6}{(\sin(v))^3}$	AB	S	R	K
10399	7995	1	$e^{\frac{\sqrt{uw^2}}{\sin(v)}}$	AB	S	R	E
10400	7996	1	$\log\left(\frac{\sqrt{uw^2}}{\sin(v)}\right)$	AB	S	R	L
10401	7997	1	$\arcsin\left(\frac{\sqrt{uw^2}}{\sin(v)}\right)$	AB	S	R	S
10402	7998	1	$\arctan\left(\frac{\sqrt{uw^2}}{\sin(v)}\right)$	AB	S	R	T
10403	7999	1	$\sqrt{-\frac{uw^4 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	AB	S	R	P
10404	8000	1	$\sqrt{\frac{uw^4 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	AB	S	R	H
10405	8001	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\sin(v)}$	AB	S	K	CD
10406	8002	1	$\frac{\sin(v)}{\sqrt{u}\sqrt[3]{w}}$	AB	S	K	CDI

10407	8003	1	$\frac{\sqrt{u} \sqrt[3]{w} \pi}{\sin(v)}$	AB	S	K	CDF
10408	8004	1	$\frac{\sin(v)}{\sqrt{u} \sqrt[3]{w} \pi}$	AB	S	K	CDIF
10409	8005	1	$\frac{uw^{2/3}}{(\sin(v))^2}$	AB	S	K	AB
10410	8006	1	$\sqrt{\frac{\sqrt{u} \sqrt[3]{w}}{\sin(v)}}$	AB	S	K	R
10411	8007	1	$\frac{u^{3/2} w}{(\sin(v))^3}$	AB	S	K	K
10412	8008	1	$e^{\frac{\sqrt{u} \sqrt[3]{w}}{\sin(v)}}$	AB	S	K	E
10413	8009	1	$\log\left(\frac{\sqrt{u} \sqrt[3]{w}}{\sin(v)}\right)$	AB	S	K	L
10414	8010	1	$\arcsin\left(\frac{\sqrt{u} \sqrt[3]{w}}{\sin(v)}\right)$	AB	S	K	S
10415	8011	1	$\arctan\left(\frac{\sqrt{u} \sqrt[3]{w}}{\sin(v)}\right)$	AB	S	K	T
10416	8012	1	$\sqrt{-\frac{uw^{2/3} + (\cos(v))^2 - 1}{(\sin(v))^2}}$	AB	S	K	P
10417	8013	1	$\sqrt{\frac{uw^{2/3} - (\cos(v))^2 + 1}{(\sin(v))^2}}$	AB	S	K	H
10418	8014	1	$\frac{\sqrt{u} \ln(w)}{\sin(v)}$	AB	S	E	CD
10419	8015	1	$\frac{\sin(v)}{\sqrt{u} \ln(w)}$	AB	S	E	CDI
10420	8016	1	$\frac{\sqrt{u} \ln(w) \pi}{\sin(v)}$	AB	S	E	CDF

10421	8017	1	$\frac{\sin (v)}{\sqrt{u} \ln (w) \pi}$	AB	S	E	CDIF
10422	8018	1	$\frac{u(\ln (w))^2}{(\sin (v))^2}$	AB	S	E	AB
10423	8019	1	$\sqrt{\frac{\sqrt{u} \ln (w)}{\sin (v)}}$	AB	S	E	R
10424	8020	1	$\frac{u^{3 / 2}(\ln (w))^3}{(\sin (v))^3}$	AB	S	E	K
10425	8021	1	$w^{\frac{\sqrt{u}}{\sin (v)}}$	AB	S	E	E
10426	8022	1	$\log \left(\frac{\sqrt{u} \ln (w)}{\sin (v)}\right)$	AB	S	E	L
10427	8023	1	$\arcsin \left(\frac{\sqrt{u} \ln (w)}{\sin (v)}\right)$	AB	S	E	S
10428	8024	1	$\arctan \left(\frac{\sqrt{u} \ln (w)}{\sin (v)}\right)$	AB	S	E	T
10429	8025	1	$\sqrt{-\frac{(\cos (v))^2-1+u(\ln (w))^2}{(\sin (v))^2}}$	AB	S	E	P
10430	8026	1	$\sqrt{\frac{-(\cos (v))^2+1+u(\ln (w))^2}{(\sin (v))^2}}$	AB	S	E	H
10431	8027	1	$\frac{\sqrt{u} \operatorname{Exp}(w)}{\sin (v)}$	AB	S	L	CD
10432	8028	1	$\frac{\sin (v)}{\sqrt{u} \operatorname{Exp}(w)}$	AB	S	L	CDI
10433	8029	1	$\frac{\sqrt{u} \operatorname{Exp}(w) \pi}{\sin (v)}$	AB	S	L	CDF
10434	8030	1	$\frac{\sin (v)}{\sqrt{u} \operatorname{Exp}(w) \pi}$	AB	S	L	CDIF

10435	8031	1	$\frac{u (Exp(w))^2}{(\sin(v))^2}$	AB	S	L	AB
10436	8032	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{\sin(v)}}$	AB	S	L	R
10437	8033	1	$\frac{u^{3/2} (Exp(w))^3}{(\sin(v))^3}$	AB	S	L	K
10438	8034	1	$e^{\frac{\sqrt{u}Exp(w)}{\sin(v)}}$	AB	S	L	E
10439	8035	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\sin(v)}\right)$	AB	S	L	L
10440	8036	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\sin(v)}\right)$	AB	S	L	S
10441	8037	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\sin(v)}\right)$	AB	S	L	T
10442	8038	1	$\sqrt{-\frac{(\cos(v))^2 - 1 + u (Exp(w))^2}{(\sin(v))^2}}$	AB	S	L	P
10443	8039	1	$\sqrt{\frac{-(\cos(v))^2 + 1 + u (Exp(w))^2}{(\sin(v))^2}}$	AB	S	L	H
10444	8040	1	$\frac{\sqrt{u} \sin(w)}{\sin(v)}$	AB	S	S	CD
10445	8041	1	$\frac{\sin(v)}{\sqrt{u} \sin(w)}$	AB	S	S	CDI
10446	8042	1	$\frac{\sqrt{u} \sin(w) \pi}{\sin(v)}$	AB	S	S	CDF
10447	8043	1	$\frac{\sin(v)}{\sqrt{u} \sin(w) \pi}$	AB	S	S	CDIF
10448	8044	1	$\frac{u (\sin(w))^2}{(\sin(v))^2}$	AB	S	S	AB

10449	8045	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{\sin(v)}}$	AB	S	S	R
10450	8046	1	$\frac{u^{3/2} (\sin(w))^3}{(\sin(v))^3}$	AB	S	S	K
10451	8047	1	$e^{\frac{\sqrt{u} \sin(w)}{\sin(v)}}$	AB	S	S	E
10452	8048	1	$\log\left(\frac{\sqrt{u} \sin(w)}{\sin(v)}\right)$	AB	S	S	L
10453	8049	1	$\arcsin\left(\frac{\sqrt{u} \sin(w)}{\sin(v)}\right)$	AB	S	S	S
10454	8050	1	$\arctan\left(\frac{\sqrt{u} \sin(w)}{\sin(v)}\right)$	AB	S	S	T
10455	8051	1	$\sqrt{\frac{-(\cos(v))^2 + 1 - u + u (\cos(w))^2}{(\sin(v))^2}}$	AB	S	S	P
10456	8052	1	$\sqrt{-\frac{(\cos(v))^2 - 1 - u + u (\cos(w))^2}{(\sin(v))^2}}$	AB	S	S	H
10457	8053	1	$\frac{\sqrt{u} \sin(w)}{\sin(v) \cos(w)}$	AB	S	T	CD
10458	8054	1	$\frac{\sin(v) \cos(w)}{\sqrt{u} \sin(w)}$	AB	S	T	CDI
10459	8055	1	$\frac{\sqrt{u} \sin(w) \pi}{\sin(v) \cos(w)}$	AB	S	T	CDF
10460	8056	1	$\frac{\sin(v) \cos(w)}{\sqrt{u} \sin(w) \pi}$	AB	S	T	CDIF
10461	8057	1	$\frac{u (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	AB	S	T	AB
10462	8058	1	$\sqrt{\frac{\sqrt{u} \sin(w)}{\sin(v) \cos(w)}}$	AB	S	T	R

10463	8059	1	$\frac{u^{3/2} (\sin (w))^3}{(\sin (v))^3 (\cos (w))^3}$	AB	S	T	K
10464	8060	1	$e^{\frac{\sqrt{u} \sin (w)}{\sin (v) \cos (w)}}$	AB	S	T	E
10465	8061	1	$\log \left(\frac{\sqrt{u} \sin (w)}{\sin (v) \cos (w)} \right)$	AB	S	T	L
10466	8062	1	$\arcsin \left(\frac{\sqrt{u} \sin (w)}{\sin (v) \cos (w)} \right)$	AB	S	T	S
10467	8063	1	$\arctan \left(\frac{\sqrt{u} \sin (w)}{\sin (v) \cos (w)} \right)$	AB	S	T	T
10468	8064	1	$\sqrt{\frac{-(\cos (w))^2 (\cos (v))^2 + (\cos (w))^2 - u + u (\cos (w))^2}{(\sin (v))^2 (\cos (w))^2}}$	AB	S	T	P
10469	8065	1	$\sqrt{-\frac{(\cos (w))^2 (\cos (v))^2 - (\cos (w))^2 - u + u (\cos (w))^2}{(\sin (v))^2 (\cos (w))^2}}$	AB	S	T	H
10470	8066	1	$\frac{\sqrt{u} \sqrt{1-w^2}}{\sin (v)}$	AB	S	P	CD
10471	8067	1	$\frac{\sin (v)}{\sqrt{u} \sqrt{1-w^2}}$	AB	S	P	CDI
10472	8068	1	$\frac{\sqrt{u} \sqrt{1-w^2} \pi}{\sin (v)}$	AB	S	P	CDF
10473	8069	1	$\frac{\sin (v)}{\sqrt{u} \sqrt{1-w^2} \pi}$	AB	S	P	CDIF
10474	8070	1	$-\frac{u (-1+w^2)}{(\sin (v))^2}$	AB	S	P	AB
10475	8071	1	$\sqrt{\frac{\sqrt{u} \sqrt{1-w^2}}{\sin (v)}}$	AB	S	P	R
10476	8072	1	$\frac{u^{3/2} (1-w^2)^{3/2}}{(\sin (v))^3}$	AB	S	P	K

10477	8073	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\sin(v)}}$	AB	S	P	E
10478	8074	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sin(v)}\right)$	AB	S	P	L
10479	8075	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sin(v)}\right)$	AB	S	P	S
10480	8076	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sin(v)}\right)$	AB	S	P	T
10481	8077	1	$\sqrt{\frac{-u+uw^2+1-(\cos(v))^2}{(\sin(v))^2}}$	AB	S	P	P
10482	8077	2	$\sqrt{\frac{-u+uw^2+1-(\cos(v))^2}{(\sin(v))^2}}$	AB	S	H	H
10483	8078	1	$\sqrt{-\frac{-u+uw^2-1+(\cos(v))^2}{(\sin(v))^2}}$	AB	S	P	H
10484	8078	2	$\sqrt{-\frac{-u+uw^2-1+(\cos(v))^2}{(\sin(v))^2}}$	AB	S	H	P
10485	8079	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}$	AB	S	H	CD
10486	8080	1	$\frac{\sin(v)}{\sqrt{u}\sqrt{-1+w^2}}$	AB	S	H	CDI
10487	8081	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\sin(v)}$	AB	S	H	CDF
10488	8082	1	$\frac{\sin(v)}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	S	H	CDIF
10489	8083	1	$\frac{u(-1+w^2)}{(\sin(v))^2}$	AB	S	H	AB
10490	8084	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}}$	AB	S	H	R

10491	8085	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(\sin(v))^3}$	AB	S	H	K
10492	8086	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}}$	AB	S	H	E
10493	8087	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	AB	S	H	L
10494	8088	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	AB	S	H	S
10495	8089	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	AB	S	H	T
10496	8090	1	$\frac{\sqrt{uw}}{\tan(v)}$	AB	T	CD	CD
10497	8090	2	$\frac{\sqrt{uw}}{\tan(v)}$	AB	T	CDF	CDF
10498	8091	1	$\frac{\tan(v)}{\sqrt{uw}}$	AB	T	CD	CDI
10499	8091	2	$\frac{\tan(v)}{\sqrt{uw}}$	AB	T	CDF	CDIF
10500	8092	1	$\frac{\sqrt{uw}\pi}{\tan(v)}$	AB	T	CD	CDF
10501	8093	1	$\frac{\tan(v)}{\sqrt{uw}\pi}$	AB	T	CD	CDIF
10502	8094	1	$\frac{uw^2}{(\tan(v))^2}$	AB	T	CD	AB
10503	8095	1	$\sqrt{\frac{\sqrt{uw}}{\tan(v)}}$	AB	T	CD	R
10504	8096	1	$\frac{u^{3/2}w^3}{(\tan(v))^3}$	AB	T	CD	K
10505	8097	1	$e^{\frac{\sqrt{u}w}{\tan(v)}}$	AB	T	CD	E

10506	8098	1	$\log \left(\frac{\sqrt{u}w}{\tan(v)} \right)$	AB	T	CD	L
10507	8099	1	$\arcsin \left(\frac{\sqrt{u}w}{\tan(v)} \right)$	AB	T	CD	S
10508	8100	1	$\arctan \left(\frac{\sqrt{u}w}{\tan(v)} \right)$	AB	T	CD	T
10509	8101	1	$\sqrt{-\frac{(\tan(v))^2 + uw^2}{(\tan(v))^2}}$	AB	T	CD	P
10510	8102	1	$\sqrt{\frac{(\tan(v))^2 + uw^2}{(\tan(v))^2}}$	AB	T	CD	H
10511	8103	1	$\frac{\sqrt{u}}{\tan(v) w}$	AB	T	CDI	CD
10512	8103	2	$\frac{\sqrt{u}}{\tan(v) w}$	AB	T	CDIF	CDF
10513	8104	1	$\frac{\tan(v) w}{\sqrt{u}}$	AB	T	CDI	CDI
10514	8104	2	$\frac{\tan(v) w}{\sqrt{u}}$	AB	T	CDIF	CDIF
10515	8105	1	$\frac{\sqrt{u}\pi}{\tan(v) w}$	AB	T	CDI	CDF
10516	8106	1	$\frac{\tan(v) w}{\sqrt{u}\pi}$	AB	T	CDI	CDIF
10517	8107	1	$\frac{u}{(\tan(v))^2 w^2}$	AB	T	CDI	AB
10518	8108	1	$\sqrt{\frac{\sqrt{u}}{\tan(v) w}}$	AB	T	CDI	R
10519	8109	1	$\frac{u^{3/2}}{(\tan(v))^3 w^3}$	AB	T	CDI	K
10520	8110	1	$e^{\frac{\sqrt{u}}{\tan(v) w}}$	AB	T	CDI	E

10521	8111	1	$\log \left(\frac{\sqrt{u}}{\tan(v) w} \right)$	AB	T	CDI	L
10522	8112	1	$\arcsin \left(\frac{\sqrt{u}}{\tan(v) w} \right)$	AB	T	CDI	S
10523	8113	1	$\arctan \left(\frac{\sqrt{u}}{\tan(v) w} \right)$	AB	T	CDI	T
10524	8114	1	$\sqrt{-\frac{(\tan(v))^2 w^2 + u}{(\tan(v))^2 w^2}}$	AB	T	CDI	P
10525	8115	1	$\sqrt{\frac{(\tan(v))^2 w^2 + u}{(\tan(v))^2 w^2}}$	AB	T	CDI	H
10526	8116	1	$\frac{\sqrt{uw}}{\tan(v) \pi}$	AB	T	CDF	CD
10527	8117	1	$\frac{\tan(v) \pi}{\sqrt{uw}}$	AB	T	CDF	CDI
10528	8118	1	$\frac{uw^2}{(\tan(v))^2 \pi^2}$	AB	T	CDF	AB
10529	8119	1	$\sqrt{\frac{\sqrt{uw}}{\tan(v) \pi}}$	AB	T	CDF	R
10530	8120	1	$\frac{u^{3/2} w^3}{(\tan(v))^3 \pi^3}$	AB	T	CDF	K
10531	8121	1	$e^{\frac{\sqrt{uw}}{\tan(v) \pi}}$	AB	T	CDF	E
10532	8122	1	$\log \left(\frac{\sqrt{uw}}{\tan(v) \pi} \right)$	AB	T	CDF	L
10533	8123	1	$\arcsin \left(\frac{\sqrt{uw}}{\tan(v) \pi} \right)$	AB	T	CDF	S
10534	8124	1	$\arctan \left(\frac{\sqrt{uw}}{\tan(v) \pi} \right)$	AB	T	CDF	T

10535	8125	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + uw^2}{(\tan(v))^2 \pi^2}}$	AB	T	CDF	P
10536	8126	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + uw^2}{(\tan(v))^2 \pi^2}}$	AB	T	CDF	H
10537	8127	1	$\frac{\sqrt{u}}{\tan(v) w \pi}$	AB	T	CDIF	CD
10538	8128	1	$\frac{\tan(v) w \pi}{\sqrt{u}}$	AB	T	CDIF	CDI
10539	8129	1	$\frac{u}{(\tan(v))^2 w^2 \pi^2}$	AB	T	CDIF	AB
10540	8130	1	$\sqrt{\frac{\sqrt{u}}{\tan(v) w \pi}}$	AB	T	CDIF	R
10541	8131	1	$\frac{u^{3/2}}{(\tan(v))^3 w^3 \pi^3}$	AB	T	CDIF	K
10542	8132	1	$e^{\frac{\sqrt{u}}{\tan(v) w \pi}}$	AB	T	CDIF	E
10543	8133	1	$\log\left(\frac{\sqrt{u}}{\tan(v) w \pi}\right)$	AB	T	CDIF	L
10544	8134	1	$\arcsin\left(\frac{\sqrt{u}}{\tan(v) w \pi}\right)$	AB	T	CDIF	S
10545	8135	1	$\arctan\left(\frac{\sqrt{u}}{\tan(v) w \pi}\right)$	AB	T	CDIF	T
10546	8136	1	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 + u}{(\tan(v))^2 w^2 \pi^2}}$	AB	T	CDIF	P
10547	8137	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + u}{(\tan(v))^2 w^2 \pi^2}}$	AB	T	CDIF	H
10548	8138	1	$\frac{\sqrt{u}\sqrt{w}}{\tan(v)}$	AB	T	AB	CD

10549	8139	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{w}}$	AB	T	AB	CDI
10550	8140	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\tan(v)}$	AB	T	AB	CDF
10551	8141	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{w}\pi}$	AB	T	AB	CDIF
10552	8142	1	$\frac{uw}{(\tan(v))^2}$	AB	T	AB	AB
10553	8143	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\tan(v)}}$	AB	T	AB	R
10554	8144	1	$\frac{u^{3/2}w^{3/2}}{(\tan(v))^3}$	AB	T	AB	K
10555	8145	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\tan(v)}}$	AB	T	AB	E
10556	8146	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\tan(v)}\right)$	AB	T	AB	L
10557	8147	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\tan(v)}\right)$	AB	T	AB	S
10558	8148	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\tan(v)}\right)$	AB	T	AB	T
10559	8149	1	$\sqrt{-\frac{(\tan(v))^2 + uw}{(\tan(v))^2}}$	AB	T	AB	P
10560	8150	1	$\sqrt{\frac{(\tan(v))^2 + uw}{(\tan(v))^2}}$	AB	T	AB	H
10561	8151	1	$\frac{\sqrt{u}w^2}{\tan(v)}$	AB	T	R	CD
10562	8152	1	$\frac{\tan(v)}{\sqrt{u}w^2}$	AB	T	R	CDI
10563	8153	1	$\frac{\sqrt{u}w^2\pi}{\tan(v)}$	AB	T	R	CDF

10564	8154	1	$\frac{\tan(v)}{\sqrt{uw^2}\pi}$	AB	T	R	CDIF
10565	8155	1	$\frac{uw^4}{(\tan(v))^2}$	AB	T	R	AB
10566	8156	1	$\sqrt{\frac{\sqrt{uw^2}}{\tan(v)}}$	AB	T	R	R
10567	8157	1	$\frac{u^{3/2}w^6}{(\tan(v))^3}$	AB	T	R	K
10568	8158	1	$e^{\frac{\sqrt{uw^2}}{\tan(v)}}$	AB	T	R	E
10569	8159	1	$\log\left(\frac{\sqrt{uw^2}}{\tan(v)}\right)$	AB	T	R	L
10570	8160	1	$\arcsin\left(\frac{\sqrt{uw^2}}{\tan(v)}\right)$	AB	T	R	S
10571	8161	1	$\arctan\left(\frac{\sqrt{uw^2}}{\tan(v)}\right)$	AB	T	R	T
10572	8162	1	$\sqrt{-\frac{(\tan(v))^2 + uw^4}{(\tan(v))^2}}$	AB	T	R	P
10573	8163	1	$\sqrt{\frac{(\tan(v))^2 + uw^4}{(\tan(v))^2}}$	AB	T	R	H
10574	8164	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}$	AB	T	K	CD
10575	8165	1	$\frac{\tan(v)}{\sqrt{u}\sqrt[3]{w}}$	AB	T	K	CDI
10576	8166	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\tan(v)}$	AB	T	K	CDF
10577	8167	1	$\frac{\tan(v)}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	T	K	CDIF

10578	8168	1	$\frac{uw^{2/3}}{(\tan(v))^2}$	AB	T	K	AB
10579	8169	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}}$	AB	T	K	R
10580	8170	1	$\frac{u^{3/2}w}{(\tan(v))^3}$	AB	T	K	K
10581	8171	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}}$	AB	T	K	E
10582	8172	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}\right)$	AB	T	K	L
10583	8173	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}\right)$	AB	T	K	S
10584	8174	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{\tan(v)}\right)$	AB	T	K	T
10585	8175	1	$\sqrt{-\frac{(\tan(v))^2 + uw^{2/3}}{(\tan(v))^2}}$	AB	T	K	P
10586	8176	1	$\sqrt{\frac{(\tan(v))^2 + uw^{2/3}}{(\tan(v))^2}}$	AB	T	K	H
10587	8177	1	$\frac{\sqrt{u}\ln(w)}{\tan(v)}$	AB	T	E	CD
10588	8178	1	$\frac{\tan(v)}{\sqrt{u}\ln(w)}$	AB	T	E	CDI
10589	8179	1	$\frac{\sqrt{u}\ln(w)\pi}{\tan(v)}$	AB	T	E	CDF
10590	8180	1	$\frac{\tan(v)}{\sqrt{u}\ln(w)\pi}$	AB	T	E	CDIF
10591	8181	1	$\frac{u(\ln(w))^2}{(\tan(v))^2}$	AB	T	E	AB

10592	8182	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{\tan(v)}}$	AB	T	E	R
10593	8183	1	$\frac{u^{3/2} (\ln(w))^3}{(\tan(v))^3}$	AB	T	E	K
10594	8184	1	$w^{\frac{\sqrt{u}}{\tan(v)}}$	AB	T	E	E
10595	8185	1	$\log\left(\frac{\sqrt{u} \ln(w)}{\tan(v)}\right)$	AB	T	E	L
10596	8186	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{\tan(v)}\right)$	AB	T	E	S
10597	8187	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{\tan(v)}\right)$	AB	T	E	T
10598	8188	1	$\sqrt{-\frac{(\tan(v))^2 + u (\ln(w))^2}{(\tan(v))^2}}$	AB	T	E	P
10599	8189	1	$\sqrt{\frac{(\tan(v))^2 + u (\ln(w))^2}{(\tan(v))^2}}$	AB	T	E	H
10600	8190	1	$\frac{\sqrt{u} \text{Exp}(w)}{\tan(v)}$	AB	T	L	CD
10601	8191	1	$\frac{\tan(v)}{\sqrt{u} \text{Exp}(w)}$	AB	T	L	CDI
10602	8192	1	$\frac{\sqrt{u} \text{Exp}(w) \pi}{\tan(v)}$	AB	T	L	CDF
10603	8193	1	$\frac{\tan(v)}{\sqrt{u} \text{Exp}(w) \pi}$	AB	T	L	CDIF
10604	8194	1	$\frac{u (\text{Exp}(w))^2}{(\tan(v))^2}$	AB	T	L	AB
10605	8195	1	$\sqrt{\frac{\sqrt{u} \text{Exp}(w)}{\tan(v)}}$	AB	T	L	R

10606	8196	1	$\frac{u^{3/2} (Exp(w))^3}{(\tan(v))^3}$	AB	T	L	K
10607	8197	1	$e^{\frac{\sqrt{u} Exp(w)}{\tan(v)}}$	AB	T	L	E
10608	8198	1	$\log\left(\frac{\sqrt{u} Exp(w)}{\tan(v)}\right)$	AB	T	L	L
10609	8199	1	$\arcsin\left(\frac{\sqrt{u} Exp(w)}{\tan(v)}\right)$	AB	T	L	S
10610	8200	1	$\arctan\left(\frac{\sqrt{u} Exp(w)}{\tan(v)}\right)$	AB	T	L	T
10611	8201	1	$\sqrt{-\frac{(\tan(v))^2 + u (Exp(w))^2}{(\tan(v))^2}}$	AB	T	L	P
10612	8202	1	$\sqrt{\frac{(\tan(v))^2 + u (Exp(w))^2}{(\tan(v))^2}}$	AB	T	L	H
10613	8203	1	$\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)}$	AB	T	S	CD
10614	8204	1	$\frac{\sin(v)}{\sqrt{u} \cos(v) \sin(w)}$	AB	T	S	CDI
10615	8205	1	$\frac{\sqrt{u} \cos(v) \sin(w) \pi}{\sin(v)}$	AB	T	S	CDF
10616	8206	1	$\frac{\sin(v)}{\sqrt{u} \cos(v) \sin(w) \pi}$	AB	T	S	CDIF
10617	8207	1	$\frac{u (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	AB	T	S	AB
10618	8208	1	$\sqrt{\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)}}$	AB	T	S	R
10619	8209	1	$\frac{u^{3/2} (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	AB	T	S	K
10620	8210	1	$e^{\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)}}$	AB	T	S	E

10621	8211	1	$\log \left(\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)} \right)$	AB	T	S	L
10622	8212	1	$\arcsin \left(\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)} \right)$	AB	T	S	S
10623	8213	1	$\arctan \left(\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v)} \right)$	AB	T	S	T
10624	8214	1	$\sqrt{\frac{1 - (\cos(v))^2 - u (\cos(v))^2 + u (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	AB	T	S	P
10625	8215	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - u (\cos(v))^2 + u (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	AB	T	S	H
10626	8216	1	$\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}$	AB	T	T	CD
10627	8217	1	$\frac{\sin(v) \cos(w)}{\sqrt{u} \cos(v) \sin(w)}$	AB	T	T	CDI
10628	8218	1	$\frac{\sqrt{u} \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	AB	T	T	CDF
10629	8219	1	$\frac{\sin(v) \cos(w)}{\sqrt{u} \cos(v) \sin(w) \pi}$	AB	T	T	CDIF
10630	8220	1	$\frac{u (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	AB	T	T	AB
10631	8221	1	$\sqrt{\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	AB	T	T	R
10632	8222	1	$\frac{u^{3/2} (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	AB	T	T	K
10633	8223	1	$e^{\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	AB	T	T	E
10634	8224	1	$\log \left(\frac{\sqrt{u} \cos(v) \sin(w)}{\sin(v) \cos(w)} \right)$	AB	T	T	L

10635	8225	1	$\arcsin\left(\frac{\sqrt{u}\cos(v)\sin(w)}{\sin(v)\cos(w)}\right)$	AB	T	T	S
10636	8226	1	$\arctan\left(\frac{\sqrt{u}\cos(v)\sin(w)}{\sin(v)\cos(w)}\right)$	AB	T	T	T
10637	8227	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2(\cos(v))^2 - u(\cos(v))^2 + u(\cos(v))^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	AB	T	P	
10638	8228	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(w))^2(\cos(v))^2 - u(\cos(v))^2 + u(\cos(v))^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	AB	T	H	
10639	8229	1	$\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}$	AB	T	P	CD
10640	8230	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{1-w^2}}$	AB	T	P	CDI
10641	8231	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{\tan(v)}$	AB	T	P	CDF
10642	8232	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	T	P	CDIF
10643	8233	1	$-\frac{u(-1+w^2)}{(\tan(v))^2}$	AB	T	P	AB
10644	8234	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}}$	AB	T	P	R
10645	8235	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{(\tan(v))^3}$	AB	T	P	K
10646	8236	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}}$	AB	T	P	E
10647	8237	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}\right)$	AB	T	P	L
10648	8238	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}\right)$	AB	T	P	S

10649	8239	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\tan(v)}\right)$	AB	T	P	T
10650	8240	1	$\sqrt{\frac{(\tan(v))^2 - u + uw^2}{(\tan(v))^2}}$	AB	T	P	P
10651	8240	2	$\sqrt{\frac{(\tan(v))^2 - u + uw^2}{(\tan(v))^2}}$	AB	T	H	H
10652	8241	1	$\sqrt{-\frac{(\tan(v))^2 - u + uw^2}{(\tan(v))^2}}$	AB	T	P	H
10653	8241	2	$\sqrt{-\frac{(\tan(v))^2 - u + uw^2}{(\tan(v))^2}}$	AB	T	H	P
10654	8242	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}$	AB	T	H	CD
10655	8243	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{-1+w^2}}$	AB	T	H	CDI
10656	8244	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\tan(v)}$	AB	T	H	CDF
10657	8245	1	$\frac{\tan(v)}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	T	H	CDIF
10658	8246	1	$\frac{u(-1+w^2)}{(\tan(v))^2}$	AB	T	H	AB
10659	8247	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}}$	AB	T	H	R
10660	8248	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(\tan(v))^3}$	AB	T	H	K
10661	8249	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}}$	AB	T	H	E
10662	8250	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	AB	T	H	L

10663	8251	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	AB	T	H	S
10664	8252	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	AB	T	H	T
10665	8253	1	$\frac{\sqrt{uw}}{\sqrt{1-v^2}}$	AB	P	CD	CD
10666	8254	1	$\frac{\sqrt{1-v^2}}{\sqrt{uw}}$	AB	P	CD	CDI
10667	8254	2	$\frac{\sqrt{1-v^2}}{\sqrt{uw}}$	AB	P	CDF	CDIF
10668	8255	1	$\frac{\sqrt{uw}\pi}{\sqrt{1-v^2}}$	AB	P	CD	CDF
10669	8256	1	$\frac{\sqrt{1-v^2}}{\sqrt{uw}\pi}$	AB	P	CD	CDIF
10670	8257	1	$-\frac{uw^2}{-1+v^2}$	AB	P	CD	AB
10671	8258	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{1-v^2}}}$	AB	P	CD	R
10672	8259	1	$\frac{u^{3/2}w^3}{(1-v^2)^{3/2}}$	AB	P	CD	K
10673	8260	1	$e^{\frac{\sqrt{uw}}{\sqrt{1-v^2}}}$	AB	P	CD	E
10674	8261	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}}\right)$	AB	P	CD	L
10675	8262	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}}\right)$	AB	P	CD	S
10676	8263	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}}\right)$	AB	P	CD	T
10677	8264	1	$\sqrt{\frac{-1+v^2+uw^2}{-1+v^2}}$	AB	P	CD	P

10678	8264	2	$\sqrt{\frac{-1+v^2+uw^2}{-1+v^2}}$	AB	H	CD	H
10679	8265	1	$\sqrt{-\frac{1-v^2+uw^2}{-1+v^2}}$	AB	P	CD	H
10680	8265	2	$\sqrt{-\frac{1-v^2+uw^2}{-1+v^2}}$	AB	H	CD	P
10681	8266	1	$\frac{\sqrt{u}}{\sqrt{1-v^2}w}$	AB	P	CDI	CD
10682	8266	2	$\frac{\sqrt{u}}{\sqrt{1-v^2}w}$	AB	P	CDIF	CDF
10683	8267	1	$\frac{\sqrt{1-v^2}w}{\sqrt{u}}$	AB	P	CDI	CDI
10684	8267	2	$\frac{\sqrt{1-v^2}w}{\sqrt{u}}$	AB	P	CDIF	CDIF
10685	8268	1	$\frac{\sqrt{u}\pi}{\sqrt{1-v^2}w}$	AB	P	CDI	CDF
10686	8269	1	$\frac{\sqrt{1-v^2}w}{\sqrt{u}\pi}$	AB	P	CDI	CDIF
10687	8270	1	$-\frac{u}{w^2(-1+v^2)}$	AB	P	CDI	AB
10688	8271	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{1-v^2}w}}$	AB	P	CDI	R
10689	8272	1	$\frac{u^{3/2}}{(1-v^2)^{3/2}w^3}$	AB	P	CDI	K
10690	8273	1	$e^{\frac{\sqrt{u}}{\sqrt{1-v^2}w}}$	AB	P	CDI	E
10691	8274	1	$\log\left(\frac{\sqrt{u}}{\sqrt{1-v^2}w}\right)$	AB	P	CDI	L
10692	8275	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{1-v^2}w}\right)$	AB	P	CDI	S

10693	8276	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{1-v^2}w}\right)$	AB	P	CDI	T
10694	8277	1	$\sqrt{\frac{-w^2+v^2w^2+u}{w^2(-1+v^2)}}$	AB	P	CDI	P
10695	8277	2	$\sqrt{\frac{-w^2+v^2w^2+u}{w^2(-1+v^2)}}$	AB	H	CDI	H
10696	8278	1	$\sqrt{-\frac{w^2-v^2w^2+u}{w^2(-1+v^2)}}$	AB	P	CDI	H
10697	8278	2	$\sqrt{-\frac{w^2-v^2w^2+u}{w^2(-1+v^2)}}$	AB	H	CDI	P
10698	8279	1	$\frac{\sqrt{uw}}{\sqrt{1-v^2}\pi}$	AB	P	CDF	CD
10699	8280	1	$\frac{\sqrt{1-v^2}\pi}{\sqrt{uw}}$	AB	P	CDF	CDI
10700	8281	1	$\frac{\sqrt{uw}}{\sqrt{-(v-1)(v+1)}}$	AB	P	CDF	CDF
10701	8282	1	$-\frac{uw^2}{\pi^2(-1+v^2)}$	AB	P	CDF	AB
10702	8283	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{1-v^2}\pi}}$	AB	P	CDF	R
10703	8284	1	$\frac{u^{3/2}w^3}{(1-v^2)^{3/2}\pi^3}$	AB	P	CDF	K
10704	8285	1	$e^{\frac{\sqrt{u}w}{\sqrt{1-v^2}\pi}}$	AB	P	CDF	E
10705	8286	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}\pi}\right)$	AB	P	CDF	L
10706	8287	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}\pi}\right)$	AB	P	CDF	S
10707	8288	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{1-v^2}\pi}\right)$	AB	P	CDF	T

10708	8289	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + uw^2}{\pi^2(-1 + v^2)}}$	AB	P	CDF	P
10709	8289	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + uw^2}{\pi^2(-1 + v^2)}}$	AB	H	CDF	H
10710	8290	1	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + uw^2}{\pi^2(-1 + v^2)}}$	AB	P	CDF	H
10711	8290	2	$\sqrt{-\frac{\pi^2 - v^2\pi^2 + uw^2}{\pi^2(-1 + v^2)}}$	AB	H	CDF	P
10712	8291	1	$\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}$	AB	P	CDIF	CD
10713	8292	1	$\frac{\sqrt{1 - v^2}w\pi}{\sqrt{u}}$	AB	P	CDIF	CDI
10714	8293	1	$-\frac{u}{w^2\pi^2(-1 + v^2)}$	AB	P	CDIF	AB
10715	8294	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}}$	AB	P	CDIF	R
10716	8295	1	$\frac{u^{3/2}}{(1 - v^2)^{3/2}w^3\pi^3}$	AB	P	CDIF	K
10717	8296	1	$e^{\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}}$	AB	P	CDIF	E
10718	8297	1	$\log\left(\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}\right)$	AB	P	CDIF	L
10719	8298	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}\right)$	AB	P	CDIF	S
10720	8299	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{1 - v^2}w\pi}\right)$	AB	P	CDIF	T
10721	8300	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u}{w^2\pi^2(-1 + v^2)}}$	AB	P	CDIF	P

10722	8300	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u}{w^2\pi^2(-1 + v^2)}}$	AB	H	CDIF	H
10723	8301	1	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u}{w^2\pi^2(-1 + v^2)}}$	AB	P	CDIF	H
10724	8301	2	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u}{w^2\pi^2(-1 + v^2)}}$	AB	H	CDIF	P
10725	8302	1	$\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}$	AB	P	AB	CD
10726	8303	1	$\frac{\sqrt{1 - v^2}}{\sqrt{u}\sqrt{w}}$	AB	P	AB	CDI
10727	8304	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\sqrt{1 - v^2}}$	AB	P	AB	CDF
10728	8305	1	$\frac{\sqrt{1 - v^2}}{\sqrt{u}\sqrt{w}\pi}$	AB	P	AB	CDIF
10729	8306	1	$-\frac{uw}{-1 + v^2}$	AB	P	AB	AB
10730	8307	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}}$	AB	P	AB	R
10731	8308	1	$\frac{u^{3/2}w^{3/2}}{(1 - v^2)^{3/2}}$	AB	P	AB	K
10732	8309	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}}$	AB	P	AB	E
10733	8310	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}\right)$	AB	P	AB	L
10734	8311	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}\right)$	AB	P	AB	S
10735	8312	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{1 - v^2}}\right)$	AB	P	AB	T
10736	8313	1	$\sqrt{\frac{-1 + v^2 + uw}{-1 + v^2}}$	AB	P	AB	P

10737	8313	2	$\sqrt{\frac{-1+v^2+uw}{-1+v^2}}$	AB	H	AB	H
10738	8314	1	$\sqrt{-\frac{1-v^2+uw}{-1+v^2}}$	AB	P	AB	H
10739	8314	2	$\sqrt{-\frac{1-v^2+uw}{-1+v^2}}$	AB	H	AB	P
10740	8315	1	$\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}$	AB	P	R	CD
10741	8316	1	$\frac{\sqrt{1-v^2}}{\sqrt{uw^2}}$	AB	P	R	CDI
10742	8317	1	$\frac{\sqrt{uw^2}\pi}{\sqrt{-(v-1)(v+1)}}$	AB	P	R	CDF
10743	8318	1	$\frac{\sqrt{1-v^2}}{\sqrt{uw^2}\pi}$	AB	P	R	CDIF
10744	8319	1	$-\frac{uw^4}{-1+v^2}$	AB	P	R	AB
10745	8320	1	$\sqrt{\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}}$	AB	P	R	R
10746	8321	1	$\frac{u^{3/2}w^6}{(1-v^2)^{3/2}}$	AB	P	R	K
10747	8322	1	$e^{\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}}$	AB	P	R	E
10748	8323	1	$\log\left(\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}\right)$	AB	P	R	L
10749	8324	1	$\arcsin\left(\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}\right)$	AB	P	R	S
10750	8325	1	$\arctan\left(\frac{\sqrt{uw^2}}{\sqrt{-(v-1)(v+1)}}\right)$	AB	P	R	T

10751	8326	1	$\sqrt{\frac{-1+v^2+uw^4}{-1+v^2}}$	AB	P	R	P
10752	8326	2	$\sqrt{\frac{-1+v^2+uw^4}{-1+v^2}}$	AB	H	R	H
10753	8327	1	$\sqrt{-\frac{1-v^2+uw^4}{-1+v^2}}$	AB	P	R	H
10754	8327	2	$\sqrt{-\frac{1-v^2+uw^4}{-1+v^2}}$	AB	H	R	P
10755	8328	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}$	AB	P	K	CD
10756	8329	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt[3]{w}}$	AB	P	K	CDI
10757	8330	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	AB	P	K	CDF
10758	8331	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	P	K	CDIF
10759	8332	1	$-\frac{uw^{2/3}}{-1+v^2}$	AB	P	K	AB
10760	8333	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	AB	P	K	R
10761	8334	1	$\frac{u^{3/2}w}{(1-v^2)^{3/2}}$	AB	P	K	K
10762	8335	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	AB	P	K	E
10763	8336	1	$\log\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	AB	P	K	L
10764	8337	1	$\arcsin\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	AB	P	K	S
10765	8338	1	$\arctan\left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	AB	P	K	T

10766	8339	1	$\sqrt{\frac{-1+v^2+uw^{2/3}}{-1+v^2}}$	AB	P	K	P
10767	8339	2	$\sqrt{\frac{-1+v^2+uw^{2/3}}{-1+v^2}}$	AB	H	K	H
10768	8340	1	$\sqrt{-\frac{1-v^2+uw^{2/3}}{-1+v^2}}$	AB	P	K	H
10769	8340	2	$\sqrt{-\frac{1-v^2+uw^{2/3}}{-1+v^2}}$	AB	H	K	P
10770	8341	1	$\frac{\sqrt{u} \ln(w)}{\sqrt{1-v^2}}$	AB	P	E	CD
10771	8342	1	$\frac{\sqrt{1-v^2}}{\sqrt{u} \ln(w)}$	AB	P	E	CDI
10772	8343	1	$\frac{\sqrt{u} \ln(w) \pi}{\sqrt{1-v^2}}$	AB	P	E	CDF
10773	8344	1	$\frac{\sqrt{1-v^2}}{\sqrt{u} \ln(w) \pi}$	AB	P	E	CDIF
10774	8345	1	$-\frac{u (\ln(w))^2}{-1+v^2}$	AB	P	E	AB
10775	8346	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{\sqrt{1-v^2}}}$	AB	P	E	R
10776	8347	1	$\frac{u^{3/2} (\ln(w))^3}{(1-v^2)^{3/2}}$	AB	P	E	K
10777	8348	1	$w^{\frac{\sqrt{u}}{\sqrt{1-v^2}}}$	AB	P	E	E
10778	8349	1	$\log\left(\frac{\sqrt{u} \ln(w)}{\sqrt{1-v^2}}\right)$	AB	P	E	L
10779	8350	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{\sqrt{1-v^2}}\right)$	AB	P	E	S

10780	8351	1	$\arctan\left(\frac{\sqrt{u}\ln(w)}{\sqrt{1-v^2}}\right)$	AB	P	E	T
10781	8352	1	$\sqrt{\frac{-1+v^2+u(\ln(w))^2}{-1+v^2}}$	AB	P	E	P
10782	8352	2	$\sqrt{\frac{-1+v^2+u(\ln(w))^2}{-1+v^2}}$	AB	H	E	H
10783	8353	1	$\sqrt{-\frac{1-v^2+u(\ln(w))^2}{-1+v^2}}$	AB	P	E	H
10784	8353	2	$\sqrt{-\frac{1-v^2+u(\ln(w))^2}{-1+v^2}}$	AB	H	E	P
10785	8354	1	$\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}$	AB	P	L	CD
10786	8355	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}Exp(w)}$	AB	P	L	CDI
10787	8356	1	$\frac{\sqrt{u}Exp(w)\pi}{\sqrt{1-v^2}}$	AB	P	L	CDF
10788	8357	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}Exp(w)\pi}$	AB	P	L	CDIF
10789	8358	1	$-\frac{u(Exp(w))^2}{-1+v^2}$	AB	P	L	AB
10790	8359	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}}$	AB	P	L	R
10791	8360	1	$\frac{u^{3/2}(Exp(w))^3}{(1-v^2)^{3/2}}$	AB	P	L	K
10792	8361	1	$e^{\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}}$	AB	P	L	E
10793	8362	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}\right)$	AB	P	L	L

10794	8363	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}\right)$	AB	P	L	S
10795	8364	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\sqrt{1-v^2}}\right)$	AB	P	L	T
10796	8365	1	$\sqrt{\frac{-1+v^2+u(Exp(w))^2}{-1+v^2}}$	AB	P	L	P
10797	8365	2	$\sqrt{\frac{-1+v^2+u(Exp(w))^2}{-1+v^2}}$	AB	H	L	H
10798	8366	1	$\sqrt{-\frac{1-v^2+u(Exp(w))^2}{-1+v^2}}$	AB	P	L	H
10799	8366	2	$\sqrt{-\frac{1-v^2+u(Exp(w))^2}{-1+v^2}}$	AB	H	L	P
10800	8367	1	$\frac{\sqrt{u}\sin(w)}{\sqrt{1-v^2}}$	AB	P	S	CD
10801	8368	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sin(w)}$	AB	P	S	CDI
10802	8369	1	$\frac{\sqrt{u}\sin(w)\pi}{\sqrt{1-v^2}}$	AB	P	S	CDF
10803	8370	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sin(w)\pi}$	AB	P	S	CDIF
10804	8371	1	$-\frac{u(\sin(w))^2}{-1+v^2}$	AB	P	S	AB
10805	8372	1	$\sqrt{\frac{\sqrt{u}\sin(w)}{\sqrt{1-v^2}}}$	AB	P	S	R
10806	8373	1	$\frac{u^{3/2}(\sin(w))^3}{(1-v^2)^{3/2}}$	AB	P	S	K
10807	8374	1	$e^{\frac{\sqrt{u}\sin(w)}{\sqrt{1-v^2}}}$	AB	P	S	E

10808	8375	1	$\log \left(\frac{\sqrt{u} \sin (w)}{\sqrt{1-v^2}} \right)$	AB	P	S	L
10809	8376	1	$\arcsin \left(\frac{\sqrt{u} \sin (w)}{\sqrt{1-v^2}} \right)$	AB	P	S	S
10810	8377	1	$\arctan \left(\frac{\sqrt{u} \sin (w)}{\sqrt{1-v^2}} \right)$	AB	P	S	T
10811	8378	1	$\sqrt{-\frac{1-v^2-u+u(\cos (w))^2}{-1+v^2}}$	AB	P	S	P
10812	8378	2	$\sqrt{-\frac{1-v^2-u+u(\cos (w))^2}{-1+v^2}}$	AB	H	S	H
10813	8379	1	$\sqrt{\frac{-1+v^2-u+u(\cos (w))^2}{-1+v^2}}$	AB	P	S	H
10814	8379	2	$\sqrt{\frac{-1+v^2-u+u(\cos (w))^2}{-1+v^2}}$	AB	H	S	P
10815	8380	1	$\frac{\sqrt{u} \tan (w)}{\sqrt{1-v^2}}$	AB	P	T	CD
10816	8381	1	$\frac{\sqrt{1-v^2}}{\sqrt{u} \tan (w)}$	AB	P	T	CDI
10817	8382	1	$\frac{\sqrt{u} \tan (w) \pi}{\sqrt{1-v^2}}$	AB	P	T	CDF
10818	8383	1	$\frac{\sqrt{1-v^2}}{\sqrt{u} \tan (w) \pi}$	AB	P	T	CDIF
10819	8384	1	$-\frac{u(\tan (w))^2}{-1+v^2}$	AB	P	T	AB
10820	8385	1	$\sqrt{\frac{\sqrt{u} \tan (w)}{\sqrt{1-v^2}}}$	AB	P	T	R
10821	8386	1	$\frac{u^{3/2}(\tan (w))^3}{(1-v^2)^{3/2}}$	AB	P	T	K

10822	8387	1	$e^{\frac{\sqrt{u} \tan(w)}{\sqrt{1-v^2}}}$	AB	P	T	E
10823	8388	1	$\log\left(\frac{\sqrt{u} \tan(w)}{\sqrt{1-v^2}}\right)$	AB	P	T	L
10824	8389	1	$\arcsin\left(\frac{\sqrt{u} \tan(w)}{\sqrt{1-v^2}}\right)$	AB	P	T	S
10825	8390	1	$\arctan\left(\frac{\sqrt{u} \tan(w)}{\sqrt{1-v^2}}\right)$	AB	P	T	T
10826	8391	1	$\sqrt{\frac{-1+v^2+u(\tan(w))^2}{-1+v^2}}$	AB	P	T	P
10827	8391	2	$\sqrt{\frac{-1+v^2+u(\tan(w))^2}{-1+v^2}}$	AB	H	T	H
10828	8392	1	$\sqrt{-\frac{1-v^2+u(\tan(w))^2}{-1+v^2}}$	AB	P	T	H
10829	8392	2	$\sqrt{-\frac{1-v^2+u(\tan(w))^2}{-1+v^2}}$	AB	H	T	P
10830	8393	1	$\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}$	AB	P	P	CD
10831	8394	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt{1-w^2}}$	AB	P	P	CDI
10832	8395	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	AB	P	P	CDF
10833	8396	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	P	P	CDIF
10834	8397	1	$\frac{u(-1+w^2)}{-1+v^2}$	AB	P	P	AB
10835	8397	2	$\frac{u(-1+w^2)}{-1+v^2}$	AB	H	H	AB
10836	8398	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	AB	P	P	R

10837	8399	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	AB	P	P	K
10838	8400	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	AB	P	P	E
10839	8401	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	AB	P	P	L
10840	8402	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	AB	P	P	S
10841	8403	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	AB	P	P	T
10842	8404	1	$\sqrt{-\frac{1-v^2-u+uw^2}{-1+v^2}}$	AB	P	P	P
10843	8404	2	$\sqrt{-\frac{1-v^2-u+uw^2}{-1+v^2}}$	AB	P	H	H
10844	8404	3	$\sqrt{-\frac{1-v^2-u+uw^2}{-1+v^2}}$	AB	H	P	H
10845	8404	4	$\sqrt{-\frac{1-v^2-u+uw^2}{-1+v^2}}$	AB	H	H	P
10846	8405	1	$\sqrt{\frac{-1+v^2-u+uw^2}{-1+v^2}}$	AB	P	P	H
10847	8405	2	$\sqrt{\frac{-1+v^2-u+uw^2}{-1+v^2}}$	AB	P	H	P
10848	8405	3	$\sqrt{\frac{-1+v^2-u+uw^2}{-1+v^2}}$	AB	H	P	P
10849	8405	4	$\sqrt{\frac{-1+v^2-u+uw^2}{-1+v^2}}$	AB	H	H	H
10850	8406	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	AB	P	H	CD
10851	8407	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt{-1+w^2}}$	AB	P	H	CDI

10852	8408	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	AB	P	H	CDF
10853	8409	1	$\frac{\sqrt{1-v^2}}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	P	H	CDIF
10854	8410	1	$-\frac{u(-1+w^2)}{-1+v^2}$	AB	P	H	AB
10855	8410	2	$-\frac{u(-1+w^2)}{-1+v^2}$	AB	H	P	AB
10856	8411	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	AB	P	H	R
10857	8412	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	AB	P	H	K
10858	8413	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	AB	P	H	E
10859	8414	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	AB	P	H	L
10860	8415	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	AB	P	H	S
10861	8416	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	AB	P	H	T
10862	8417	1	$\frac{\sqrt{uw}}{\sqrt{-1+v^2}}$	AB	H	CD	CD
10863	8417	2	$\frac{\sqrt{uw}}{\sqrt{-1+v^2}}$	AB	H	CDF	CDF
10864	8418	1	$\frac{\sqrt{-1+v^2}}{\sqrt{uw}}$	AB	H	CD	CDI
10865	8418	2	$\frac{\sqrt{-1+v^2}}{\sqrt{uw}}$	AB	H	CDF	CDIF
10866	8419	1	$\frac{\sqrt{uw}\pi}{\sqrt{-1+v^2}}$	AB	H	CD	CDF

10867	8420	1	$\frac{\sqrt{-1+v^2}}{\sqrt{uw}\pi}$	AB	H	CD	CDIF
10868	8421	1	$\frac{uw^2}{-1+v^2}$	AB	H	CD	AB
10869	8422	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{-1+v^2}}}$	AB	H	CD	R
10870	8423	1	$\frac{u^{3/2}w^3}{(-1+v^2)^{3/2}}$	AB	H	CD	K
10871	8424	1	$e^{\frac{\sqrt{uw}}{\sqrt{-1+v^2}}}$	AB	H	CD	E
10872	8425	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}}\right)$	AB	H	CD	L
10873	8426	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}}\right)$	AB	H	CD	S
10874	8427	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}}\right)$	AB	H	CD	T
10875	8428	1	$\frac{\sqrt{u}}{\sqrt{-1+v^2}w}$	AB	H	CDI	CD
10876	8429	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{u}}$	AB	H	CDI	CDI
10877	8429	2	$\frac{\sqrt{-1+v^2}w}{\sqrt{u}}$	AB	H	CDIF	CDIF
10878	8430	1	$\frac{\sqrt{u}\pi}{\sqrt{-1+v^2}w}$	AB	H	CDI	CDF
10879	8431	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{u}\pi}$	AB	H	CDI	CDIF
10880	8432	1	$\frac{u}{w^2(-1+v^2)}$	AB	H	CDI	AB

10881	8433	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{-1+v^2}w}}$	AB	H	CDI	R
10882	8434	1	$\frac{u^{3/2}}{(-1+v^2)^{3/2}w^3}$	AB	H	CDI	K
10883	8435	1	$e^{\frac{\sqrt{u}}{\sqrt{-1+v^2}w}}$	AB	H	CDI	E
10884	8436	1	$\log\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w}\right)$	AB	H	CDI	L
10885	8437	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w}\right)$	AB	H	CDI	S
10886	8438	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w}\right)$	AB	H	CDI	T
10887	8439	1	$\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}$	AB	H	CDF	CD
10888	8440	1	$\frac{\sqrt{-1+v^2}\pi}{\sqrt{uw}}$	AB	H	CDF	CDI
10889	8441	1	$\frac{uw^2}{\pi^2(-1+v^2)}$	AB	H	CDF	AB
10890	8442	1	$\sqrt{\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}}$	AB	H	CDF	R
10891	8443	1	$\frac{u^{3/2}w^3}{(-1+v^2)^{3/2}\pi^3}$	AB	H	CDF	K
10892	8444	1	$e^{\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}}$	AB	H	CDF	E
10893	8445	1	$\log\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}\right)$	AB	H	CDF	L
10894	8446	1	$\arcsin\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}\right)$	AB	H	CDF	S
10895	8447	1	$\arctan\left(\frac{\sqrt{uw}}{\sqrt{-1+v^2}\pi}\right)$	AB	H	CDF	T

10896	8448	1	$\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}$	AB	H	CDIF	CD
10897	8449	1	$\frac{\sqrt{-1+v^2}w\pi}{\sqrt{u}}$	AB	H	CDIF	CDI
10898	8450	1	$\frac{\sqrt{u}}{\sqrt{(v-1)(v+1)}w}$	AB	H	CDIF	CDF
10899	8451	1	$\frac{u}{w^2\pi^2(-1+v^2)}$	AB	H	CDIF	AB
10900	8452	1	$\sqrt{\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}}$	AB	H	CDIF	R
10901	8453	1	$\frac{u^{3/2}}{(-1+v^2)^{3/2}w^3\pi^3}$	AB	H	CDIF	K
10902	8454	1	$e^{\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}}$	AB	H	CDIF	E
10903	8455	1	$\log\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}\right)$	AB	H	CDIF	L
10904	8456	1	$\arcsin\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}\right)$	AB	H	CDIF	S
10905	8457	1	$\arctan\left(\frac{\sqrt{u}}{\sqrt{-1+v^2}w\pi}\right)$	AB	H	CDIF	T
10906	8458	1	$\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}$	AB	H	AB	CD
10907	8459	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{w}}$	AB	H	AB	CDI
10908	8460	1	$\frac{\sqrt{u}\sqrt{w}\pi}{\sqrt{-1+v^2}}$	AB	H	AB	CDF
10909	8461	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{w}\pi}$	AB	H	AB	CDIF

10910	8462	1	$\frac{uw}{-1+v^2}$	AB	H	AB	AB
10911	8463	1	$\sqrt{\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}}$	AB	H	AB	R
10912	8464	1	$\frac{u^{3/2}w^{3/2}}{(-1+v^2)^{3/2}}$	AB	H	AB	K
10913	8465	1	$e^{\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}}$	AB	H	AB	E
10914	8466	1	$\log\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	AB	H	AB	L
10915	8467	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	AB	H	AB	S
10916	8468	1	$\arctan\left(\frac{\sqrt{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	AB	H	AB	T
10917	8469	1	$\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}}$	AB	H	R	CD
10918	8470	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}w^2}$	AB	H	R	CDI
10919	8471	1	$\frac{\sqrt{u}w^2\pi}{\sqrt{(v-1)(v+1)}}$	AB	H	R	CDF
10920	8472	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}w^2\pi}$	AB	H	R	CDIF
10921	8473	1	$\frac{uw^4}{-1+v^2}$	AB	H	R	AB
10922	8474	1	$\sqrt{\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}}}$	AB	H	R	R
10923	8475	1	$\frac{u^{3/2}w^6}{(-1+v^2)^{3/2}}$	AB	H	R	K
10924	8476	1	$e^{\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}}}$	AB	H	R	E

10925	8477	1	$\log \left(\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}} \right)$	AB	H	R	L
10926	8478	1	$\arcsin \left(\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}} \right)$	AB	H	R	S
10927	8479	1	$\arctan \left(\frac{\sqrt{u}w^2}{\sqrt{(v-1)(v+1)}} \right)$	AB	H	R	T
10928	8480	1	$\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}$	AB	H	K	CD
10929	8481	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt[3]{w}}$	AB	H	K	CDI
10930	8482	1	$\frac{\sqrt{u}\sqrt[3]{w}\pi}{\sqrt{-1+v^2}}$	AB	H	K	CDF
10931	8483	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt[3]{w}\pi}$	AB	H	K	CDIF
10932	8484	1	$\frac{uw^{2/3}}{-1+v^2}$	AB	H	K	AB
10933	8485	1	$\sqrt{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	AB	H	K	R
10934	8486	1	$\frac{u^{3/2}w}{(-1+v^2)^{3/2}}$	AB	H	K	K
10935	8487	1	$e^{\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	AB	H	K	E
10936	8488	1	$\log \left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	AB	H	K	L
10937	8489	1	$\arcsin \left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	AB	H	K	S
10938	8490	1	$\arctan \left(\frac{\sqrt{u}\sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	AB	H	K	T

10939	8491	1	$\frac{\sqrt{u} \ln(w)}{\sqrt{-1+v^2}}$	AB	H	E	CD
10940	8492	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u} \ln(w)}$	AB	H	E	CDI
10941	8493	1	$\frac{\sqrt{u} \ln(w) \pi}{\sqrt{-1+v^2}}$	AB	H	E	CDF
10942	8494	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u} \ln(w) \pi}$	AB	H	E	CDIF
10943	8495	1	$\frac{u (\ln(w))^2}{-1+v^2}$	AB	H	E	AB
10944	8496	1	$\sqrt{\frac{\sqrt{u} \ln(w)}{\sqrt{-1+v^2}}}$	AB	H	E	R
10945	8497	1	$\frac{u^{3/2} (\ln(w))^3}{(-1+v^2)^{3/2}}$	AB	H	E	K
10946	8498	1	$w^{\frac{\sqrt{u}}{\sqrt{-1+v^2}}}$	AB	H	E	E
10947	8499	1	$\log\left(\frac{\sqrt{u} \ln(w)}{\sqrt{-1+v^2}}\right)$	AB	H	E	L
10948	8500	1	$\arcsin\left(\frac{\sqrt{u} \ln(w)}{\sqrt{-1+v^2}}\right)$	AB	H	E	S
10949	8501	1	$\arctan\left(\frac{\sqrt{u} \ln(w)}{\sqrt{-1+v^2}}\right)$	AB	H	E	T
10950	8502	1	$\frac{\sqrt{u} \exp(w)}{\sqrt{-1+v^2}}$	AB	H	L	CD
10951	8503	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u} \exp(w)}$	AB	H	L	CDI
10952	8504	1	$\frac{\sqrt{u} \exp(w) \pi}{\sqrt{-1+v^2}}$	AB	H	L	CDF

10953	8505	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}Exp(w)\pi}$	AB	H	L	CDIF
10954	8506	1	$\frac{u(Exp(w))^2}{-1+v^2}$	AB	H	L	AB
10955	8507	1	$\sqrt{\frac{\sqrt{u}Exp(w)}{\sqrt{-1+v^2}}}$	AB	H	L	R
10956	8508	1	$\frac{u^{3/2}(Exp(w))^3}{(-1+v^2)^{3/2}}$	AB	H	L	K
10957	8509	1	$e^{\frac{\sqrt{u}Exp(w)}{\sqrt{-1+v^2}}}$	AB	H	L	E
10958	8510	1	$\log\left(\frac{\sqrt{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	AB	H	L	L
10959	8511	1	$\arcsin\left(\frac{\sqrt{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	AB	H	L	S
10960	8512	1	$\arctan\left(\frac{\sqrt{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	AB	H	L	T
10961	8513	1	$\frac{\sqrt{u}\sin(w)}{\sqrt{-1+v^2}}$	AB	H	S	CD
10962	8514	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sin(w)}$	AB	H	S	CDI
10963	8515	1	$\frac{\sqrt{u}\sin(w)\pi}{\sqrt{-1+v^2}}$	AB	H	S	CDF
10964	8516	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sin(w)\pi}$	AB	H	S	CDIF
10965	8517	1	$\frac{u(\sin(w))^2}{-1+v^2}$	AB	H	S	AB
10966	8518	1	$\sqrt{\frac{\sqrt{u}\sin(w)}{\sqrt{-1+v^2}}}$	AB	H	S	R

10967	8519	1	$\frac{u^{3/2} (\sin (w))^3}{(-1+v^2)^{3/2}}$	AB	H	S	K
10968	8520	1	$e^{\frac{\sqrt{u} \sin (w)}{\sqrt{-1+v^2}}}$	AB	H	S	E
10969	8521	1	$\log \left(\frac{\sqrt{u} \sin (w)}{\sqrt{-1+v^2}} \right)$	AB	H	S	L
10970	8522	1	$\arcsin \left(\frac{\sqrt{u} \sin (w)}{\sqrt{-1+v^2}} \right)$	AB	H	S	S
10971	8523	1	$\arctan \left(\frac{\sqrt{u} \sin (w)}{\sqrt{-1+v^2}} \right)$	AB	H	S	T
10972	8524	1	$\frac{\sqrt{u} \tan (w)}{\sqrt{-1+v^2}}$	AB	H	T	CD
10973	8525	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u} \tan (w)}$	AB	H	T	CDI
10974	8526	1	$\frac{\sqrt{u} \tan (w) \pi}{\sqrt{-1+v^2}}$	AB	H	T	CDF
10975	8527	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u} \tan (w) \pi}$	AB	H	T	CDIF
10976	8528	1	$\frac{u (\tan (w))^2}{-1+v^2}$	AB	H	T	AB
10977	8529	1	$\sqrt{\frac{\sqrt{u} \tan (w)}{\sqrt{-1+v^2}}}$	AB	H	T	R
10978	8530	1	$\frac{u^{3/2} (\tan (w))^3}{(-1+v^2)^{3/2}}$	AB	H	T	K
10979	8531	1	$e^{\frac{\sqrt{u} \tan (w)}{\sqrt{-1+v^2}}}$	AB	H	T	E
10980	8532	1	$\log \left(\frac{\sqrt{u} \tan (w)}{\sqrt{-1+v^2}} \right)$	AB	H	T	L
10981	8533	1	$\arcsin \left(\frac{\sqrt{u} \tan (w)}{\sqrt{-1+v^2}} \right)$	AB	H	T	S

10982	8534	1	$\arctan\left(\frac{\sqrt{u}\tan(w)}{\sqrt{-1+v^2}}\right)$	AB	H	T	T
10983	8535	1	$\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}$	AB	H	P	CD
10984	8536	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{1-w^2}}$	AB	H	P	CDI
10985	8537	1	$\frac{\sqrt{u}\sqrt{1-w^2}\pi}{\sqrt{-1+v^2}}$	AB	H	P	CDF
10986	8538	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{1-w^2}\pi}$	AB	H	P	CDIF
10987	8539	1	$\sqrt{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	AB	H	P	R
10988	8540	1	$\frac{u^{3/2}(1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	AB	H	P	K
10989	8541	1	$e^{\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	AB	H	P	E
10990	8542	1	$\log\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	P	L
10991	8543	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	P	S
10992	8544	1	$\arctan\left(\frac{\sqrt{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	P	T
10993	8545	1	$\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	AB	H	H	CD
10994	8546	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{-1+w^2}}$	AB	H	H	CDI
10995	8547	1	$\frac{\sqrt{u}\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	AB	H	H	CDF

10996	8548	1	$\frac{\sqrt{-1+v^2}}{\sqrt{u}\sqrt{-1+w^2}\pi}$	AB	H	H	CDIF
10997	8549	1	$\sqrt{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	AB	H	H	R
10998	8550	1	$\frac{u^{3/2}(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	AB	H	H	K
10999	8551	1	$e^{\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	AB	H	H	E
11000	8552	1	$\log\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	H	L
11001	8553	1	$\arcsin\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	H	S
11002	8554	1	$\arctan\left(\frac{\sqrt{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	AB	H	H	T
11003	8555	1	$\frac{v}{u^2w}$	R	CD	CD	CDI
11004	8555	2	$\frac{v}{u^2w}$	R	CD	CDF	CDIF
11005	8555	3	$\frac{v}{u^2w}$	R	CDF	CDF	CDI
11006	8556	1	$\frac{u^2w\pi}{v}$	R	CD	CD	CDF
11007	8556	2	$\frac{u^2w\pi}{v}$	R	CDF	CD	CD
11008	8556	3	$\frac{u^2w\pi}{v}$	R	CDF	CDF	CDF
11009	8557	1	$\frac{v}{u^2w\pi}$	R	CD	CD	CDIF
11010	8557	2	$\frac{v}{u^2w\pi}$	R	CDF	CD	CDI
11011	8557	3	$\frac{v}{u^2w\pi}$	R	CDF	CDF	CDIF

11012	8558	1	$\frac{u^4 w^2}{v^2}$	R	CD	CD	AB
11013	8558	2	$\frac{u^4 w^2}{v^2}$	R	CDF	CDF	AB
11014	8559	1	$\sqrt{\frac{u^2 w}{v}}$	R	CD	CD	R
11015	8559	2	$\sqrt{\frac{u^2 w}{v}}$	R	CDF	CDF	R
11016	8560	1	$\frac{u^6 w^3}{v^3}$	R	CD	CD	K
11017	8560	2	$\frac{u^6 w^3}{v^3}$	R	CDF	CDF	K
11018	8561	1	$e^{\frac{u^2 w}{v}}$	R	CD	CD	E
11019	8561	2	$e^{\frac{u^2 w}{v}}$	R	CDF	CDF	E
11020	8562	1	$\log\left(\frac{u^2 w}{v}\right)$	R	CD	CD	L
11021	8562	2	$\log\left(\frac{u^2 w}{v}\right)$	R	CDF	CDF	L
11022	8563	1	$\arcsin\left(\frac{u^2 w}{v}\right)$	R	CD	CD	S
11023	8563	2	$\arcsin\left(\frac{u^2 w}{v}\right)$	R	CDF	CDF	S
11024	8564	1	$\arctan\left(\frac{u^2 w}{v}\right)$	R	CD	CD	T
11025	8564	2	$\arctan\left(\frac{u^2 w}{v}\right)$	R	CDF	CDF	T
11026	8565	1	$\sqrt{-\frac{v^2 + u^4 w^2}{v^2}}$	R	CD	CD	P
11027	8565	2	$\sqrt{-\frac{v^2 + u^4 w^2}{v^2}}$	R	CDF	CDF	P
11028	8566	1	$\sqrt{\frac{v^2 + u^4 w^2}{v^2}}$	R	CD	CD	H

11029	8566	2	$\sqrt{\frac{v^2 + u^4 w^2}{v^2}}$	R	CDF	CDF	H
11030	8567	1	$\frac{u^2}{vw}$	R	CD	CDI	CD
11031	8567	2	$\frac{u^2}{vw}$	R	CD	CDIF	CDF
11032	8567	3	$\frac{u^2}{vw}$	R	CDF	CDIF	CD
11033	8568	1	$\frac{vw}{u^2}$	R	CD	CDI	CDI
11034	8568	2	$\frac{vw}{u^2}$	R	CD	CDIF	CDIF
11035	8568	3	$\frac{vw}{u^2}$	R	CDF	CDIF	CDI
11036	8569	1	$\frac{u^2 \pi}{vw}$	R	CD	CDI	CDF
11037	8569	2	$\frac{u^2 \pi}{vw}$	R	CDF	CDI	CD
11038	8569	3	$\frac{u^2 \pi}{vw}$	R	CDF	CDIF	CDF
11039	8570	1	$\frac{vw}{u^2 \pi}$	R	CD	CDI	CDIF
11040	8570	2	$\frac{vw}{u^2 \pi}$	R	CDF	CDI	CDI
11041	8570	3	$\frac{vw}{u^2 \pi}$	R	CDF	CDIF	CDIF
11042	8571	1	$\frac{u^4}{v^2 w^2}$	R	CD	CDI	AB
11043	8571	2	$\frac{u^4}{v^2 w^2}$	R	CDF	CDIF	AB
11044	8572	1	$\sqrt{\frac{u^2}{vw}}$	R	CD	CDI	R
11045	8572	2	$\sqrt{\frac{u^2}{vw}}$	R	CDF	CDIF	R
11046	8573	1	$\frac{u^6}{v^3 w^3}$	R	CD	CDI	K
11047	8573	2	$\frac{u^6}{v^3 w^3}$	R	CDF	CDIF	K

11048	8574	1	$e^{\frac{u^2}{vw}}$	R	CD	CDI	E
11049	8574	2	$e^{\frac{u^2}{vw}}$	R	CDF	CDIF	E
11050	8575	1	$\log\left(\frac{u^2}{vw}\right)$	R	CD	CDI	L
11051	8575	2	$\log\left(\frac{u^2}{vw}\right)$	R	CDF	CDIF	L
11052	8576	1	$\arcsin\left(\frac{u^2}{vw}\right)$	R	CD	CDI	S
11053	8576	2	$\arcsin\left(\frac{u^2}{vw}\right)$	R	CDF	CDIF	S
11054	8577	1	$\arctan\left(\frac{u^2}{vw}\right)$	R	CD	CDI	T
11055	8577	2	$\arctan\left(\frac{u^2}{vw}\right)$	R	CDF	CDIF	T
11056	8578	1	$\sqrt{-\frac{v^2w^2 + u^4}{v^2w^2}}$	R	CD	CDI	P
11057	8578	2	$\sqrt{-\frac{v^2w^2 + u^4}{v^2w^2}}$	R	CDF	CDIF	P
11058	8579	1	$\sqrt{\frac{v^2w^2 + u^4}{v^2w^2}}$	R	CD	CDI	H
11059	8579	2	$\sqrt{\frac{v^2w^2 + u^4}{v^2w^2}}$	R	CDF	CDIF	H
11060	8580	1	$\frac{u^2w}{v\pi}$	R	CD	CDF	CD
11061	8581	1	$\frac{v\pi}{u^2w}$	R	CD	CDF	CDI
11062	8582	1	$\frac{u^4w^2}{v^2\pi^2}$	R	CD	CDF	AB
11063	8583	1	$\sqrt{\frac{u^2w}{v\pi}}$	R	CD	CDF	R

11064	8584	1	$\frac{u^6 w^3}{v^3 \pi^3}$	R	CD	CDF	K
11065	8585	1	$e^{\frac{u^2 w}{v \pi}}$	R	CD	CDF	E
11066	8586	1	$\log\left(\frac{u^2 w}{v \pi}\right)$	R	CD	CDF	L
11067	8587	1	$\arcsin\left(\frac{u^2 w}{v \pi}\right)$	R	CD	CDF	S
11068	8588	1	$\arctan\left(\frac{u^2 w}{v \pi}\right)$	R	CD	CDF	T
11069	8589	1	$\sqrt{-\frac{v^2 \pi^2 + u^4 w^2}{v^2 \pi^2}}$	R	CD	CDF	P
11070	8590	1	$\sqrt{\frac{v^2 \pi^2 + u^4 w^2}{v^2 \pi^2}}$	R	CD	CDF	H
11071	8591	1	$\frac{u^2}{v w \pi}$	R	CD	CDIF	CD
11072	8592	1	$\frac{v w \pi}{u^2}$	R	CD	CDIF	CDI
11073	8593	1	$\frac{u^4}{v^2 w^2 \pi^2}$	R	CD	CDIF	AB
11074	8594	1	$\sqrt{\frac{u^2}{v w \pi}}$	R	CD	CDIF	R
11075	8595	1	$\frac{u^6}{v^3 w^3 \pi^3}$	R	CD	CDIF	K
11076	8596	1	$e^{\frac{u^2}{v w \pi}}$	R	CD	CDIF	E
11077	8597	1	$\log\left(\frac{u^2}{v w \pi}\right)$	R	CD	CDIF	L
11078	8598	1	$\arcsin\left(\frac{u^2}{v w \pi}\right)$	R	CD	CDIF	S

11079	8599	1	$\arctan\left(\frac{u^2}{vw\pi}\right)$	R	CD	CDIF	T
11080	8600	1	$\sqrt{-\frac{-v^2w^2\pi^2+u^4}{v^2w^2\pi^2}}$	R	CD	CDIF	P
11081	8601	1	$\sqrt{\frac{v^2w^2\pi^2+u^4}{v^2w^2\pi^2}}$	R	CD	CDIF	H
11082	8602	1	$\frac{u^2\sqrt{w}}{v}$	R	CD	AB	CD
11083	8603	1	$\frac{v}{u^2\sqrt{w}}$	R	CD	AB	CDI
11084	8604	1	$\frac{u^2\sqrt{w\pi}}{v}$	R	CD	AB	CDF
11085	8604	2	$\frac{u^2\sqrt{w\pi}}{v}$	R	CDF	AB	CD
11086	8605	1	$\frac{v}{u^2\sqrt{w\pi}}$	R	CD	AB	CDIF
11087	8605	2	$\frac{v}{u^2\sqrt{w\pi}}$	R	CDF	AB	CDI
11088	8606	1	$\frac{u^4w}{v^2}$	R	CD	AB	AB
11089	8607	1	$\sqrt{\frac{u^2\sqrt{w}}{v}}$	R	CD	AB	R
11090	8608	1	$\frac{u^6w^{3/2}}{v^3}$	R	CD	AB	K
11091	8609	1	$e^{\frac{u^2\sqrt{w}}{v}}$	R	CD	AB	E
11092	8610	1	$\log\left(\frac{u^2\sqrt{w}}{v}\right)$	R	CD	AB	L
11093	8611	1	$\arcsin\left(\frac{u^2\sqrt{w}}{v}\right)$	R	CD	AB	S
11094	8612	1	$\arctan\left(\frac{u^2\sqrt{w}}{v}\right)$	R	CD	AB	T

11095	8613	1	$\sqrt{-\frac{-v^2 + u^4 w}{v^2}}$	R	CD	AB	P
11096	8614	1	$\sqrt{\frac{v^2 + u^4 w}{v^2}}$	R	CD	AB	H
11097	8615	1	$\frac{v}{u^2 w^2}$	R	CD	R	CDI
11098	8616	1	$\frac{u^2 w^2 \pi}{v}$	R	CD	R	CDF
11099	8616	2	$\frac{u^2 w^2 \pi}{v}$	R	CDF	R	CD
11100	8617	1	$\frac{v}{u^2 w^2 \pi}$	R	CD	R	CDIF
11101	8617	2	$\frac{v}{u^2 w^2 \pi}$	R	CDF	R	CDI
11102	8618	1	$\frac{u^4 w^4}{v^2}$	R	CD	R	AB
11103	8619	1	$\sqrt{\frac{u^2 w^2}{v}}$	R	CD	R	R
11104	8620	1	$\frac{u^6 w^6}{v^3}$	R	CD	R	K
11105	8621	1	$e^{\frac{u^2 w^2}{v}}$	R	CD	R	E
11106	8622	1	$\log\left(\frac{u^2 w^2}{v}\right)$	R	CD	R	L
11107	8623	1	$\arcsin\left(\frac{u^2 w^2}{v}\right)$	R	CD	R	S
11108	8624	1	$\arctan\left(\frac{u^2 w^2}{v}\right)$	R	CD	R	T
11109	8625	1	$\sqrt{-\frac{-v^2 + u^4 w^4}{v^2}}$	R	CD	R	P

11110	8626	1	$\sqrt{\frac{v^2 + u^4 w^4}{v^2}}$	R	CD	R	H
11111	8627	1	$\frac{u^2 \sqrt[3]{w}}{v}$	R	CD	K	CD
11112	8628	1	$\frac{v}{u^2 \sqrt[3]{w}}$	R	CD	K	CDI
11113	8629	1	$\frac{u^2 \sqrt[3]{w} \pi}{v}$	R	CD	K	CDF
11114	8629	2	$\frac{u^2 \sqrt[3]{w} \pi}{v}$	R	CDF	K	CD
11115	8630	1	$\frac{v}{u^2 \sqrt[3]{w} \pi}$	R	CD	K	CDIF
11116	8630	2	$\frac{v}{u^2 \sqrt[3]{w} \pi}$	R	CDF	K	CDI
11117	8631	1	$\frac{u^4 w^{2/3}}{v^2}$	R	CD	K	AB
11118	8632	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{v}}$	R	CD	K	R
11119	8633	1	$\frac{u^6 w}{v^3}$	R	CD	K	K
11120	8634	1	$e^{\frac{u^2 \sqrt[3]{w}}{v}}$	R	CD	K	E
11121	8635	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{v}\right)$	R	CD	K	L
11122	8636	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{v}\right)$	R	CD	K	S
11123	8637	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{v}\right)$	R	CD	K	T
11124	8638	1	$\sqrt{-\frac{v^2 + u^4 w^{2/3}}{v^2}}$	R	CD	K	P
11125	8639	1	$\sqrt{\frac{v^2 + u^4 w^{2/3}}{v^2}}$	R	CD	K	H

11126	8640	1	$\frac{u^2 \ln(w)}{v}$	R	CD	E	CD
11127	8641	1	$\frac{v}{u^2 \ln(w)}$	R	CD	E	CDI
11128	8642	1	$\frac{u^2 \ln(w) \pi}{v}$	R	CD	E	CDF
11129	8642	2	$\frac{u^2 \ln(w) \pi}{v}$	R	CDF	E	CD
11130	8643	1	$\frac{v}{u^2 \ln(w) \pi}$	R	CD	E	CDIF
11131	8643	2	$\frac{v}{u^2 \ln(w) \pi}$	R	CDF	E	CDI
11132	8644	1	$\frac{u^4 (\ln(w))^2}{v^2}$	R	CD	E	AB
11133	8645	1	$\sqrt{\frac{u^2 \ln(w)}{v}}$	R	CD	E	R
11134	8646	1	$\frac{u^6 (\ln(w))^3}{v^3}$	R	CD	E	K
11135	8647	1	$w^{\frac{u^2}{v}}$	R	CD	E	E
11136	8648	1	$\log\left(\frac{u^2 \ln(w)}{v}\right)$	R	CD	E	L
11137	8649	1	$\arcsin\left(\frac{u^2 \ln(w)}{v}\right)$	R	CD	E	S
11138	8650	1	$\arctan\left(\frac{u^2 \ln(w)}{v}\right)$	R	CD	E	T
11139	8651	1	$\sqrt{-\frac{v^2 + u^4 (\ln(w))^2}{v^2}}$	R	CD	E	P
11140	8652	1	$\sqrt{\frac{v^2 + u^4 (\ln(w))^2}{v^2}}$	R	CD	E	H

11141	8653	1	$\frac{u^2 \text{Exp}(w)}{v}$	R	CD	L	CD
11142	8654	1	$\frac{v}{u^2 \text{Exp}(w)}$	R	CD	L	CDI
11143	8655	1	$\frac{u^2 \text{Exp}(w) \pi}{v}$	R	CD	L	CDF
11144	8655	2	$\frac{u^2 \text{Exp}(w) \pi}{v}$	R	CDF	L	CD
11145	8656	1	$\frac{v}{u^2 \text{Exp}(w) \pi}$	R	CD	L	CDIF
11146	8656	2	$\frac{v}{u^2 \text{Exp}(w) \pi}$	R	CDF	L	CDI
11147	8657	1	$\frac{u^4 (\text{Exp}(w))^2}{v^2}$	R	CD	L	AB
11148	8658	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{v}}$	R	CD	L	R
11149	8659	1	$\frac{u^6 (\text{Exp}(w))^3}{v^3}$	R	CD	L	K
11150	8660	1	$e^{\frac{u^2 \text{Exp}(w)}{v}}$	R	CD	L	E
11151	8661	1	$\log\left(\frac{u^2 \text{Exp}(w)}{v}\right)$	R	CD	L	L
11152	8662	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{v}\right)$	R	CD	L	S
11153	8663	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{v}\right)$	R	CD	L	T
11154	8664	1	$\sqrt{-\frac{v^2 + u^4 (\text{Exp}(w))^2}{v^2}}$	R	CD	L	P
11155	8665	1	$\sqrt{\frac{v^2 + u^4 (\text{Exp}(w))^2}{v^2}}$	R	CD	L	H

11156	8666	1	$\frac{u^2 \sin(w)}{v}$	R	CD	S	CD
11157	8667	1	$\frac{v}{u^2 \sin(w)}$	R	CD	S	CDI
11158	8668	1	$\frac{u^2 \sin(w) \pi}{v}$	R	CD	S	CDF
11159	8668	2	$\frac{u^2 \sin(w) \pi}{v}$	R	CDF	S	CD
11160	8669	1	$\frac{v}{u^2 \sin(w) \pi}$	R	CD	S	CDIF
11161	8669	2	$\frac{v}{u^2 \sin(w) \pi}$	R	CDF	S	CDI
11162	8670	1	$\frac{u^4 (\sin(w))^2}{v^2}$	R	CD	S	AB
11163	8671	1	$\sqrt{\frac{u^2 \sin(w)}{v}}$	R	CD	S	R
11164	8672	1	$\frac{u^6 (\sin(w))^3}{v^3}$	R	CD	S	K
11165	8673	1	$e^{\frac{u^2 \sin(w)}{v}}$	R	CD	S	E
11166	8674	1	$\log\left(\frac{u^2 \sin(w)}{v}\right)$	R	CD	S	L
11167	8675	1	$\arcsin\left(\frac{u^2 \sin(w)}{v}\right)$	R	CD	S	S
11168	8676	1	$\arctan\left(\frac{u^2 \sin(w)}{v}\right)$	R	CD	S	T
11169	8677	1	$\sqrt{\frac{v^2 - u^4 + u^4 (\cos(w))^2}{v^2}}$	R	CD	S	P
11170	8678	1	$\sqrt{-\frac{v^2 - u^4 + u^4 (\cos(w))^2}{v^2}}$	R	CD	S	H

11171	8679	1	$\frac{u^2 \tan(w)}{v}$	R	CD	T	CD
11172	8680	1	$\frac{v}{u^2 \tan(w)}$	R	CD	T	CDI
11173	8681	1	$\frac{u^2 \tan(w) \pi}{v}$	R	CD	T	CDF
11174	8681	2	$\frac{u^2 \tan(w) \pi}{v}$	R	CDF	T	CD
11175	8682	1	$\frac{v}{u^2 \tan(w) \pi}$	R	CD	T	CDIF
11176	8682	2	$\frac{v}{u^2 \tan(w) \pi}$	R	CDF	T	CDI
11177	8683	1	$\frac{u^4 (\tan(w))^2}{v^2}$	R	CD	T	AB
11178	8684	1	$\sqrt{\frac{u^2 \tan(w)}{v}}$	R	CD	T	R
11179	8685	1	$\frac{u^6 (\tan(w))^3}{v^3}$	R	CD	T	K
11180	8686	1	$e^{\frac{u^2 \tan(w)}{v}}$	R	CD	T	E
11181	8687	1	$\log\left(\frac{u^2 \tan(w)}{v}\right)$	R	CD	T	L
11182	8688	1	$\arcsin\left(\frac{u^2 \tan(w)}{v}\right)$	R	CD	T	S
11183	8689	1	$\arctan\left(\frac{u^2 \tan(w)}{v}\right)$	R	CD	T	T
11184	8690	1	$\sqrt{-\frac{v^2 + u^4 (\tan(w))^2}{v^2}}$	R	CD	T	P
11185	8691	1	$\sqrt{\frac{v^2 + u^4 (\tan(w))^2}{v^2}}$	R	CD	T	H

11186	8692	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}$	R	CD	P	CD
11187	8693	1	$\frac{v}{u^2 \sqrt{1-w^2}}$	R	CD	P	CDI
11188	8694	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{v}$	R	CD	P	CDF
11189	8694	2	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{v}$	R	CDF	P	CD
11190	8695	1	$\frac{v}{u^2 \sqrt{1-w^2}\pi}$	R	CD	P	CDIF
11191	8695	2	$\frac{v}{u^2 \sqrt{1-w^2}\pi}$	R	CDF	P	CDI
11192	8696	1	$-\frac{u^4(-1+w^2)}{v^2}$	R	CD	P	AB
11193	8697	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}}$	R	CD	P	R
11194	8698	1	$\frac{u^6(1-w^2)^{3/2}}{v^3}$	R	CD	P	K
11195	8699	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}}$	R	CD	P	E
11196	8700	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}\right)$	R	CD	P	L
11197	8701	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}\right)$	R	CD	P	S
11198	8702	1	$\arctan\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{v}\right)$	R	CD	P	T
11199	8703	1	$\sqrt{\frac{v^2 - u^4 + u^4 w^2}{v^2}}$	R	CD	P	P
11200	8703	2	$\sqrt{\frac{v^2 - u^4 + u^4 w^2}{v^2}}$	R	CD	H	H

11201	8704	1	$\sqrt{-\frac{-v^2 - u^4 + u^4 w^2}{v^2}}$	R	CD	P	H
11202	8704	2	$\sqrt{-\frac{-v^2 - u^4 + u^4 w^2}{v^2}}$	R	CD	H	P
11203	8705	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{v}$	R	CD	H	CD
11204	8706	1	$\frac{v}{u^2 \sqrt{-1 + w^2}}$	R	CD	H	CDI
11205	8707	1	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{v}$	R	CD	H	CDF
11206	8707	2	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{v}$	R	CDF	H	CD
11207	8708	1	$\frac{v}{u^2 \sqrt{-1 + w^2}\pi}$	R	CD	H	CDIF
11208	8708	2	$\frac{v}{u^2 \sqrt{-1 + w^2}\pi}$	R	CDF	H	CDI
11209	8709	1	$\frac{u^4 (-1 + w^2)}{v^2}$	R	CD	H	AB
11210	8710	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{v}}$	R	CD	H	R
11211	8711	1	$\frac{u^6 (-1 + w^2)^{3/2}}{v^3}$	R	CD	H	K
11212	8712	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{v}}$	R	CD	H	E
11213	8713	1	$\log\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{v}\right)$	R	CD	H	L
11214	8714	1	$\arcsin\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{v}\right)$	R	CD	H	S
11215	8715	1	$\arctan\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{v}\right)$	R	CD	H	T

11216	8716	1	u^2vw	R	CDI	CD	CD
11217	8716	2	u^2vw	R	CDI	CDF	CDF
11218	8716	3	u^2vw	R	CDIF	CDF	CD
11219	8717	1	$\frac{1}{u^2vw}$	R	CDI	CD	CDI
11220	8717	2	$\frac{1}{u^2vw}$	R	CDI	CDF	CDIF
11221	8717	3	$\frac{1}{u^2vw}$	R	CDIF	CDF	CDI
11222	8718	1	$u^2vw\pi$	R	CDI	CD	CDF
11223	8718	2	$u^2vw\pi$	R	CDIF	CD	CD
11224	8718	3	$u^2vw\pi$	R	CDIF	CDF	CDF
11225	8719	1	$\frac{1}{u^2vw\pi}$	R	CDI	CD	CDIF
11226	8719	2	$\frac{1}{u^2vw\pi}$	R	CDIF	CD	CDI
11227	8719	3	$\frac{1}{u^2vw\pi}$	R	CDIF	CDF	CDIF
11228	8720	1	$u^4v^2w^2$	R	CDI	CD	AB
11229	8720	2	$u^4v^2w^2$	R	CDIF	CDF	AB
11230	8721	1	$\sqrt{u^2vw}$	R	CDI	CD	R
11231	8721	2	$\sqrt{u^2vw}$	R	CDIF	CDF	R
11232	8722	1	$u^6v^3w^3$	R	CDI	CD	K
11233	8722	2	$u^6v^3w^3$	R	CDIF	CDF	K
11234	8723	1	e^{u^2vw}	R	CDI	CD	E
11235	8723	2	e^{u^2vw}	R	CDIF	CDF	E
11236	8724	1	$\log(u^2vw)$	R	CDI	CD	L
11237	8724	2	$\log(u^2vw)$	R	CDIF	CDF	L

11238	8725	1	$\arcsin(u^2vw)$	R	CDI	CD	S
11239	8725	2	$\arcsin(u^2vw)$	R	CDIF	CDF	S
11240	8726	1	$\arctan(u^2vw)$	R	CDI	CD	T
11241	8726	2	$\arctan(u^2vw)$	R	CDIF	CDF	T
11242	8727	1	$\sqrt{1 - u^4v^2w^2}$	R	CDI	CD	P
11243	8727	2	$\sqrt{1 - u^4v^2w^2}$	R	CDIF	CDF	P
11244	8728	1	$\sqrt{1 + u^4v^2w^2}$	R	CDI	CD	H
11245	8728	2	$\sqrt{1 + u^4v^2w^2}$	R	CDIF	CDF	H
11246	8729	1	$\frac{u^2v}{w}$	R	CDI	CDI	CD
11247	8729	2	$\frac{u^2v}{w}$	R	CDI	CDIF	CDF
11248	8729	3	$\frac{u^2v}{w}$	R	CDIF	CDIF	CD
11249	8730	1	$\frac{u^2v\pi}{w}$	R	CDI	CDI	CDF
11250	8730	2	$\frac{u^2v\pi}{w}$	R	CDIF	CDI	CD
11251	8730	3	$\frac{u^2v\pi}{w}$	R	CDIF	CDIF	CDF
11252	8731	1	$\frac{w}{u^2v\pi}$	R	CDI	CDI	CDIF
11253	8731	2	$\frac{w}{u^2v\pi}$	R	CDIF	CDI	CDI
11254	8731	3	$\frac{w}{u^2v\pi}$	R	CDIF	CDIF	CDIF
11255	8732	1	$\frac{u^4v^2}{w^2}$	R	CDI	CDI	AB
11256	8732	2	$\frac{u^4v^2}{w^2}$	R	CDIF	CDIF	AB

11257	8733	1	$\sqrt{\frac{u^2v}{w}}$	R	CDI	CDI	R
11258	8733	2	$\sqrt{\frac{u^2v}{w}}$	R	CDIF	CDIF	R
11259	8734	1	$\frac{u^6v^3}{w^3}$	R	CDI	CDI	K
11260	8734	2	$\frac{u^6v^3}{w^3}$	R	CDIF	CDIF	K
11261	8735	1	$e^{\frac{u^2v}{w}}$	R	CDI	CDI	E
11262	8735	2	$e^{\frac{u^2v}{w}}$	R	CDIF	CDIF	E
11263	8736	1	$\log\left(\frac{u^2v}{w}\right)$	R	CDI	CDI	L
11264	8736	2	$\log\left(\frac{u^2v}{w}\right)$	R	CDIF	CDIF	L
11265	8737	1	$\arcsin\left(\frac{u^2v}{w}\right)$	R	CDI	CDI	S
11266	8737	2	$\arcsin\left(\frac{u^2v}{w}\right)$	R	CDIF	CDIF	S
11267	8738	1	$\arctan\left(\frac{u^2v}{w}\right)$	R	CDI	CDI	T
11268	8738	2	$\arctan\left(\frac{u^2v}{w}\right)$	R	CDIF	CDIF	T
11269	8739	1	$\sqrt{-\frac{-w^2+u^4v^2}{w^2}}$	R	CDI	CDI	P
11270	8739	2	$\sqrt{-\frac{-w^2+u^4v^2}{w^2}}$	R	CDIF	CDIF	P
11271	8740	1	$\sqrt{\frac{w^2+u^4v^2}{w^2}}$	R	CDI	CDI	H
11272	8740	2	$\sqrt{\frac{w^2+u^4v^2}{w^2}}$	R	CDIF	CDIF	H
11273	8741	1	$\frac{u^2vw}{\pi}$	R	CDI	CDF	CD

11274	8742	1	$\frac{\pi}{u^2vw}$	R	CDI	CDF	CDI
11275	8743	1	$\frac{u^4v^2w^2}{\pi^2}$	R	CDI	CDF	AB
11276	8744	1	$\sqrt{\frac{u^2vw}{\pi}}$	R	CDI	CDF	R
11277	8745	1	$\frac{u^6v^3w^3}{\pi^3}$	R	CDI	CDF	K
11278	8746	1	$e^{\frac{u^2vw}{\pi}}$	R	CDI	CDF	E
11279	8747	1	$\log\left(\frac{u^2vw}{\pi}\right)$	R	CDI	CDF	L
11280	8748	1	$\arcsin\left(\frac{u^2vw}{\pi}\right)$	R	CDI	CDF	S
11281	8749	1	$\arctan\left(\frac{u^2vw}{\pi}\right)$	R	CDI	CDF	T
11282	8750	1	$\sqrt{-\frac{\pi^2 + u^4v^2w^2}{\pi^2}}$	R	CDI	CDF	P
11283	8751	1	$\sqrt{\frac{\pi^2 + u^4v^2w^2}{\pi^2}}$	R	CDI	CDF	H
11284	8752	1	$\frac{u^2v}{w\pi}$	R	CDI	CDIF	CD
11285	8753	1	$\frac{w\pi}{u^2v}$	R	CDI	CDIF	CDI
11286	8754	1	$\frac{u^4v^2}{w^2\pi^2}$	R	CDI	CDIF	AB
11287	8755	1	$\sqrt{\frac{u^2v}{w\pi}}$	R	CDI	CDIF	R
11288	8756	1	$\frac{u^6v^3}{w^3\pi^3}$	R	CDI	CDIF	K

11289	8757	1	$e^{\frac{u^2 v}{w\pi}}$	R	CDI	CDIF	E
11290	8758	1	$\log\left(\frac{u^2 v}{w\pi}\right)$	R	CDI	CDIF	L
11291	8759	1	$\arcsin\left(\frac{u^2 v}{w\pi}\right)$	R	CDI	CDIF	S
11292	8760	1	$\arctan\left(\frac{u^2 v}{w\pi}\right)$	R	CDI	CDIF	T
11293	8761	1	$\sqrt{-\frac{w^2\pi^2 + u^4 v^2}{w^2\pi^2}}$	R	CDI	CDIF	P
11294	8762	1	$\sqrt{\frac{w^2\pi^2 + u^4 v^2}{w^2\pi^2}}$	R	CDI	CDIF	H
11295	8763	1	$u^2 v \sqrt{w}$	R	CDI	AB	CD
11296	8764	1	$\frac{1}{u^2 v \sqrt{w}}$	R	CDI	AB	CDI
11297	8765	1	$u^2 v \sqrt{w\pi}$	R	CDI	AB	CDF
11298	8765	2	$u^2 v \sqrt{w\pi}$	R	CDIF	AB	CD
11299	8766	1	$\frac{1}{u^2 v \sqrt{w\pi}}$	R	CDI	AB	CDIF
11300	8766	2	$\frac{1}{u^2 v \sqrt{w\pi}}$	R	CDIF	AB	CDI
11301	8767	1	$u^4 v^2 w$	R	CDI	AB	AB
11302	8768	1	$\sqrt{u^2 v \sqrt{w}}$	R	CDI	AB	R
11303	8769	1	$u^6 v^3 w^{3/2}$	R	CDI	AB	K
11304	8770	1	$e^{u^2 v \sqrt{w}}$	R	CDI	AB	E

11305	8771	1	$\log(u^2 v \sqrt{w})$	R	CDI	AB	L
11306	8772	1	$\arcsin(u^2 v \sqrt{w})$	R	CDI	AB	S
11307	8773	1	$\arctan(u^2 v \sqrt{w})$	R	CDI	AB	T
11308	8774	1	$\sqrt{1 - u^4 v^2 w}$	R	CDI	AB	P
11309	8775	1	$\sqrt{1 + u^4 v^2 w}$	R	CDI	AB	H
11310	8776	1	$u^2 v w^2$	R	CDI	R	CD
11311	8777	1	$u^2 v w^2 \pi$	R	CDI	R	CDF
11312	8777	2	$u^2 v w^2 \pi$	R	CDIF	R	CD
11313	8778	1	$\frac{1}{u^2 v w^2 \pi}$	R	CDI	R	CDIF
11314	8778	2	$\frac{1}{u^2 v w^2 \pi}$	R	CDIF	R	CDI
11315	8779	1	$u^4 v^2 w^4$	R	CDI	R	AB
11316	8780	1	$\sqrt{u^2 v w^2}$	R	CDI	R	R
11317	8781	1	$u^6 v^3 w^6$	R	CDI	R	K
11318	8782	1	$e^{u^2 v w^2}$	R	CDI	R	E
11319	8783	1	$\log(u^2 v w^2)$	R	CDI	R	L
11320	8784	1	$\arcsin(u^2 v w^2)$	R	CDI	R	S
11321	8785	1	$\arctan(u^2 v w^2)$	R	CDI	R	T

11322	8786	1	$\sqrt{1 - u^4 v^2 w^4}$	R	CDI	R	P
11323	8787	1	$\sqrt{1 + u^4 v^2 w^4}$	R	CDI	R	H
11324	8788	1	$u^2 v \sqrt[3]{w}$	R	CDI	K	CD
11325	8789	1	$\frac{1}{u^2 v \sqrt[3]{w}}$	R	CDI	K	CDI
11326	8790	1	$u^2 v \sqrt[3]{w} \pi$	R	CDI	K	CDF
11327	8790	2	$u^2 v \sqrt[3]{w} \pi$	R	CDIF	K	CD
11328	8791	1	$\frac{1}{u^2 v \sqrt[3]{w} \pi}$	R	CDI	K	CDIF
11329	8791	2	$\frac{1}{u^2 v \sqrt[3]{w} \pi}$	R	CDIF	K	CDI
11330	8792	1	$u^4 v^2 w^{2/3}$	R	CDI	K	AB
11331	8793	1	$\sqrt{u^2 v \sqrt[3]{w}}$	R	CDI	K	R
11332	8794	1	$u^6 v^3 w$	R	CDI	K	K
11333	8795	1	$e^{u^2 v \sqrt[3]{w}}$	R	CDI	K	E
11334	8796	1	$\log(u^2 v \sqrt[3]{w})$	R	CDI	K	L
11335	8797	1	$\arcsin(u^2 v \sqrt[3]{w})$	R	CDI	K	S
11336	8798	1	$\arctan(u^2 v \sqrt[3]{w})$	R	CDI	K	T
11337	8799	1	$\sqrt{1 - u^4 v^2 w^{2/3}}$	R	CDI	K	P
11338	8800	1	$\sqrt{1 + u^4 v^2 w^{2/3}}$	R	CDI	K	H

11339	8801	1	$u^2 v \ln(w)$	R	CDI	E	CD
11340	8802	1	$\frac{1}{u^2 v \ln(w)}$	R	CDI	E	CDI
11341	8803	1	$u^2 v \ln(w) \pi$	R	CDI	E	CDF
11342	8803	2	$u^2 v \ln(w) \pi$	R	CDIF	E	CD
11343	8804	1	$\frac{1}{u^2 v \ln(w) \pi}$	R	CDI	E	CDIF
11344	8804	2	$\frac{1}{u^2 v \ln(w) \pi}$	R	CDIF	E	CDI
11345	8805	1	$u^4 v^2 (\ln(w))^2$	R	CDI	E	AB
11346	8806	1	$\sqrt{u^2 v \ln(w)}$	R	CDI	E	R
11347	8807	1	$u^6 v^3 (\ln(w))^3$	R	CDI	E	K
11348	8808	1	$w^{u^2 v}$	R	CDI	E	E
11349	8809	1	$\log(u^2 v \ln(w))$	R	CDI	E	L
11350	8810	1	$\arcsin(u^2 v \ln(w))$	R	CDI	E	S
11351	8811	1	$\arctan(u^2 v \ln(w))$	R	CDI	E	T
11352	8812	1	$\sqrt{1 - u^4 v^2 (\ln(w))^2}$	R	CDI	E	P
11353	8813	1	$\sqrt{1 + u^4 v^2 (\ln(w))^2}$	R	CDI	E	H
11354	8814	1	$u^2 v \exp(w)$	R	CDI	L	CD

11355	8815	1	$\frac{1}{u^2 v \text{Exp}(w)}$	R	CDI	L	CDI
11356	8816	1	$u^2 v \text{Exp}(w) \pi$	R	CDI	L	CDF
11357	8816	2	$u^2 v \text{Exp}(w) \pi$	R	CDIF	L	CD
11358	8817	1	$\frac{1}{u^2 v \text{Exp}(w) \pi}$	R	CDI	L	CDIF
11359	8817	2	$\frac{1}{u^2 v \text{Exp}(w) \pi}$	R	CDIF	L	CDI
11360	8818	1	$u^4 v^2 (\text{Exp}(w))^2$	R	CDI	L	AB
11361	8819	1	$\sqrt{u^2 v \text{Exp}(w)}$	R	CDI	L	R
11362	8820	1	$u^6 v^3 (\text{Exp}(w))^3$	R	CDI	L	K
11363	8821	1	$e^{u^2 v \text{Exp}(w)}$	R	CDI	L	E
11364	8822	1	$\log(u^2 v \text{Exp}(w))$	R	CDI	L	L
11365	8823	1	$\arcsin(u^2 v \text{Exp}(w))$	R	CDI	L	S
11366	8824	1	$\arctan(u^2 v \text{Exp}(w))$	R	CDI	L	T
11367	8825	1	$\sqrt{1 - u^4 v^2 (\text{Exp}(w))^2}$	R	CDI	L	P
11368	8826	1	$\sqrt{1 + u^4 v^2 (\text{Exp}(w))^2}$	R	CDI	L	H
11369	8827	1	$u^2 v \sin(w)$	R	CDI	S	CD
11370	8828	1	$\frac{1}{u^2 v \sin(w)}$	R	CDI	S	CDI
11371	8829	1	$u^2 v \sin(w) \pi$	R	CDI	S	CDF
11372	8829	2	$u^2 v \sin(w) \pi$	R	CDIF	S	CD

11373	8830	1	$\frac{1}{u^2 v \sin(w) \pi}$	R	CDI	S	CDIF
11374	8830	2	$\frac{1}{u^2 v \sin(w) \pi}$	R	CDIF	S	CDI
11375	8831	1	$u^4 v^2 (\sin(w))^2$	R	CDI	S	AB
11376	8832	1	$\sqrt{u^2 v \sin(w)}$	R	CDI	S	R
11377	8833	1	$u^6 v^3 (\sin(w))^3$	R	CDI	S	K
11378	8834	1	$e^{u^2 v \sin(w)}$	R	CDI	S	E
11379	8835	1	$\log(u^2 v \sin(w))$	R	CDI	S	L
11380	8836	1	$\arcsin(u^2 v \sin(w))$	R	CDI	S	S
11381	8837	1	$\arctan(u^2 v \sin(w))$	R	CDI	S	T
11382	8838	1	$\sqrt{1 - u^4 v^2 + u^4 v^2 (\cos(w))^2}$	R	CDI	S	P
11383	8839	1	$\sqrt{1 + u^4 v^2 - u^4 v^2 (\cos(w))^2}$	R	CDI	S	H
11384	8840	1	$u^2 v \tan(w)$	R	CDI	T	CD
11385	8841	1	$\frac{1}{u^2 v \tan(w)}$	R	CDI	T	CDI
11386	8842	1	$u^2 v \tan(w) \pi$	R	CDI	T	CDF
11387	8842	2	$u^2 v \tan(w) \pi$	R	CDIF	T	CD
11388	8843	1	$\frac{1}{u^2 v \tan(w) \pi}$	R	CDI	T	CDIF
11389	8843	2	$\frac{1}{u^2 v \tan(w) \pi}$	R	CDIF	T	CDI

11390	8844	1	$u^4 v^2 (\tan(w))^2$	R	CDI	T	AB
11391	8845	1	$\sqrt{u^2 v \tan(w)}$	R	CDI	T	R
11392	8846	1	$u^6 v^3 (\tan(w))^3$	R	CDI	T	K
11393	8847	1	$e^{u^2 v \tan(w)}$	R	CDI	T	E
11394	8848	1	$\log(u^2 v \tan(w))$	R	CDI	T	L
11395	8849	1	$\arcsin(u^2 v \tan(w))$	R	CDI	T	S
11396	8850	1	$\arctan(u^2 v \tan(w))$	R	CDI	T	T
11397	8851	1	$\sqrt{1 - u^4 v^2 (\tan(w))^2}$	R	CDI	T	P
11398	8852	1	$\sqrt{1 + u^4 v^2 (\tan(w))^2}$	R	CDI	T	H
11399	8853	1	$u^2 v \sqrt{-(w-1)(w+1)}$	R	CDI	P	CD
11400	8854	1	$\frac{1}{u^2 v \sqrt{1-w^2}}$	R	CDI	P	CDI
11401	8855	1	$u^2 v \sqrt{-(w-1)(w+1)} \pi$	R	CDI	P	CDF
11402	8855	2	$u^2 v \sqrt{-(w-1)(w+1)} \pi$	R	CDIF	P	CD
11403	8856	1	$\frac{1}{u^2 v \sqrt{1-w^2} \pi}$	R	CDI	P	CDIF
11404	8856	2	$\frac{1}{u^2 v \sqrt{1-w^2} \pi}$	R	CDIF	P	CDI
11405	8857	1	$-u^4 v^2 (-1+w^2)$	R	CDI	P	AB
11406	8858	1	$\sqrt{u^2 v \sqrt{-(w-1)(w+1)}}$	R	CDI	P	R

11407	8859	1	$u^6 v^3 (1 - w^2)^{3/2}$	R	CDI	P	K
11408	8860	1	$e^{u^2 v \sqrt{-(w-1)(w+1)}}$	R	CDI	P	E
11409	8861	1	$\log \left(u^2 v \sqrt{-(w-1)(w+1)} \right)$	R	CDI	P	L
11410	8862	1	$\arcsin \left(u^2 v \sqrt{-(w-1)(w+1)} \right)$	R	CDI	P	S
11411	8863	1	$\arctan \left(u^2 v \sqrt{-(w-1)(w+1)} \right)$	R	CDI	P	T
11412	8864	1	$\sqrt{1 - u^4 v^2 + u^4 v^2 w^2}$	R	CDI	P	P
11413	8864	2	$\sqrt{1 - u^4 v^2 + u^4 v^2 w^2}$	R	CDI	H	H
11414	8865	1	$\sqrt{1 + u^4 v^2 - u^4 v^2 w^2}$	R	CDI	P	H
11415	8865	2	$\sqrt{1 + u^4 v^2 - u^4 v^2 w^2}$	R	CDI	H	P
11416	8866	1	$u^2 v \sqrt{(w-1)(w+1)}$	R	CDI	H	CD
11417	8867	1	$\frac{1}{u^2 v \sqrt{-1 + w^2}}$	R	CDI	H	CDI
11418	8868	1	$u^2 v \sqrt{(w-1)(w+1)} \pi$	R	CDI	H	CDF
11419	8868	2	$u^2 v \sqrt{(w-1)(w+1)} \pi$	R	CDIF	H	CD
11420	8869	1	$\frac{1}{u^2 v \sqrt{-1 + w^2} \pi}$	R	CDI	H	CDIF
11421	8869	2	$\frac{1}{u^2 v \sqrt{-1 + w^2} \pi}$	R	CDIF	H	CDI
11422	8870	1	$u^4 v^2 (-1 + w^2)$	R	CDI	H	AB
11423	8871	1	$\sqrt{u^2 v \sqrt{(w-1)(w+1)}}$	R	CDI	H	R
11424	8872	1	$u^6 v^3 (-1 + w^2)^{3/2}$	R	CDI	H	K

11425	8873	1	$e^{u^2 v \sqrt{(w-1)(w+1)}}$	R	CDI	H	E
11426	8874	1	$\log \left(u^2 v \sqrt{(w-1)(w+1)} \right)$	R	CDI	H	L
11427	8875	1	$\arcsin \left(u^2 v \sqrt{(w-1)(w+1)} \right)$	R	CDI	H	S
11428	8876	1	$\arctan \left(u^2 v \sqrt{(w-1)(w+1)} \right)$	R	CDI	H	T
11429	8877	1	$\frac{u^2 w \pi^2}{v}$	R	CDF	CD	CDF
11430	8878	1	$\frac{v}{u^2 w \pi^2}$	R	CDF	CD	CDIF
11431	8879	1	$\frac{u^4 w^2 \pi^2}{v^2}$	R	CDF	CD	AB
11432	8880	1	$\sqrt{\frac{u^2 w \pi}{v}}$	R	CDF	CD	R
11433	8881	1	$\frac{u^6 w^3 \pi^3}{v^3}$	R	CDF	CD	K
11434	8882	1	$e^{\frac{u^2 w \pi}{v}}$	R	CDF	CD	E
11435	8883	1	$\log \left(\frac{u^2 w \pi}{v} \right)$	R	CDF	CD	L
11436	8884	1	$\arcsin \left(\frac{u^2 w \pi}{v} \right)$	R	CDF	CD	S
11437	8885	1	$\arctan \left(\frac{u^2 w \pi}{v} \right)$	R	CDF	CD	T
11438	8886	1	$\sqrt{-\frac{v^2 + u^4 w^2 \pi^2}{v^2}}$	R	CDF	CD	P
11439	8887	1	$\sqrt{\frac{v^2 + u^4 w^2 \pi^2}{v^2}}$	R	CDF	CD	H

11440	8888	1	$\frac{u^2\pi^2}{vw}$	R	CDF	CDI	CDF
11441	8889	1	$\frac{vw}{u^2\pi^2}$	R	CDF	CDI	CDIF
11442	8890	1	$\frac{u^4\pi^2}{v^2w^2}$	R	CDF	CDI	AB
11443	8891	1	$\sqrt{\frac{u^2\pi}{vw}}$	R	CDF	CDI	R
11444	8892	1	$\frac{u^6\pi^3}{v^3w^3}$	R	CDF	CDI	K
11445	8893	1	$e^{\frac{u^2\pi}{vw}}$	R	CDF	CDI	E
11446	8894	1	$\log\left(\frac{u^2\pi}{vw}\right)$	R	CDF	CDI	L
11447	8895	1	$\arcsin\left(\frac{u^2\pi}{vw}\right)$	R	CDF	CDI	S
11448	8896	1	$\arctan\left(\frac{u^2\pi}{vw}\right)$	R	CDF	CDI	T
11449	8897	1	$\sqrt{-\frac{v^2w^2 + u^4\pi^2}{v^2w^2}}$	R	CDF	CDI	P
11450	8898	1	$\sqrt{\frac{v^2w^2 + u^4\pi^2}{v^2w^2}}$	R	CDF	CDI	H
11451	8899	1	$\frac{u^2\sqrt{w}\pi^2}{v}$	R	CDF	AB	CDF
11452	8900	1	$\frac{v}{u^2\sqrt{w}\pi^2}$	R	CDF	AB	CDIF
11453	8901	1	$\frac{u^4w\pi^2}{v^2}$	R	CDF	AB	AB

11454	8902	1	$\sqrt{\frac{u^2 \sqrt{w} \pi}{v}}$	R	CDF	AB	R
11455	8903	1	$\frac{u^6 w^{3/2} \pi^3}{v^3}$	R	CDF	AB	K
11456	8904	1	$e^{\frac{u^2 \sqrt{w} \pi}{v}}$	R	CDF	AB	E
11457	8905	1	$\log\left(\frac{u^2 \sqrt{w} \pi}{v}\right)$	R	CDF	AB	L
11458	8906	1	$\arcsin\left(\frac{u^2 \sqrt{w} \pi}{v}\right)$	R	CDF	AB	S
11459	8907	1	$\arctan\left(\frac{u^2 \sqrt{w} \pi}{v}\right)$	R	CDF	AB	T
11460	8908	1	$\sqrt{-\frac{v^2 + u^4 w \pi^2}{v^2}}$	R	CDF	AB	P
11461	8909	1	$\sqrt{\frac{v^2 + u^4 w \pi^2}{v^2}}$	R	CDF	AB	H
11462	8910	1	$\frac{u^2 w^2 \pi^2}{v}$	R	CDF	R	CDF
11463	8911	1	$\frac{v}{u^2 w^2 \pi^2}$	R	CDF	R	CDIF
11464	8912	1	$\frac{u^4 w^4 \pi^2}{v^2}$	R	CDF	R	AB
11465	8913	1	$\sqrt{\frac{u^2 w^2 \pi}{v}}$	R	CDF	R	R
11466	8914	1	$\frac{u^6 w^6 \pi^3}{v^3}$	R	CDF	R	K
11467	8915	1	$e^{\frac{u^2 w^2 \pi}{v}}$	R	CDF	R	E
11468	8916	1	$\log\left(\frac{u^2 w^2 \pi}{v}\right)$	R	CDF	R	L

11469	8917	1	$\arcsin\left(\frac{u^2 w^2 \pi}{v}\right)$	R	CDF	R	S
11470	8918	1	$\arctan\left(\frac{u^2 w^2 \pi}{v}\right)$	R	CDF	R	T
11471	8919	1	$\sqrt{-\frac{v^2 + u^4 w^4 \pi^2}{v^2}}$	R	CDF	R	P
11472	8920	1	$\sqrt{\frac{v^2 + u^4 w^4 \pi^2}{v^2}}$	R	CDF	R	H
11473	8921	1	$\frac{u^2 \sqrt[3]{w} \pi^2}{v}$	R	CDF	K	CDF
11474	8922	1	$\frac{v}{u^2 \sqrt[3]{w} \pi^2}$	R	CDF	K	CDIF
11475	8923	1	$\frac{u^4 w^{2/3} \pi^2}{v^2}$	R	CDF	K	AB
11476	8924	1	$\sqrt{\frac{u^2 \sqrt[3]{w} \pi}{v}}$	R	CDF	K	R
11477	8925	1	$\frac{u^6 w \pi^3}{v^3}$	R	CDF	K	K
11478	8926	1	$e^{\frac{u^2 \sqrt[3]{w} \pi}{v}}$	R	CDF	K	E
11479	8927	1	$\log\left(\frac{u^2 \sqrt[3]{w} \pi}{v}\right)$	R	CDF	K	L
11480	8928	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w} \pi}{v}\right)$	R	CDF	K	S
11481	8929	1	$\arctan\left(\frac{u^2 \sqrt[3]{w} \pi}{v}\right)$	R	CDF	K	T
11482	8930	1	$\sqrt{-\frac{v^2 + u^4 w^{2/3} \pi^2}{v^2}}$	R	CDF	K	P

11483	8931	1	$\sqrt{\frac{v^2 + u^4 w^{2/3} \pi^2}{v^2}}$	R	CDF	K	H
11484	8932	1	$\frac{u^2 \ln(w) \pi^2}{v}$	R	CDF	E	CDF
11485	8933	1	$\frac{v}{u^2 \ln(w) \pi^2}$	R	CDF	E	CDIF
11486	8934	1	$\frac{u^4 (\ln(w))^2 \pi^2}{v^2}$	R	CDF	E	AB
11487	8935	1	$\sqrt{\frac{u^2 \ln(w) \pi}{v}}$	R	CDF	E	R
11488	8936	1	$\frac{u^6 (\ln(w))^3 \pi^3}{v^3}$	R	CDF	E	K
11489	8937	1	$w^{\frac{u^2 \pi}{v}}$	R	CDF	E	E
11490	8938	1	$\log\left(\frac{u^2 \ln(w) \pi}{v}\right)$	R	CDF	E	L
11491	8939	1	$\arcsin\left(\frac{u^2 \ln(w) \pi}{v}\right)$	R	CDF	E	S
11492	8940	1	$\arctan\left(\frac{u^2 \ln(w) \pi}{v}\right)$	R	CDF	E	T
11493	8941	1	$\sqrt{-\frac{v^2 + u^4 (\ln(w))^2 \pi^2}{v^2}}$	R	CDF	E	P
11494	8942	1	$\sqrt{\frac{v^2 + u^4 (\ln(w))^2 \pi^2}{v^2}}$	R	CDF	E	H
11495	8943	1	$\frac{u^2 \text{Exp}(w) \pi^2}{v}$	R	CDF	L	CDF
11496	8944	1	$\frac{v}{u^2 \text{Exp}(w) \pi^2}$	R	CDF	L	CDIF
11497	8945	1	$\frac{u^4 (\text{Exp}(w))^2 \pi^2}{v^2}$	R	CDF	L	AB

11498	8946	1	$\sqrt{\frac{u^2 \text{Exp}(w) \pi}{v}}$	R	CDF	L	R
11499	8947	1	$\frac{u^6 (\text{Exp}(w))^3 \pi^3}{v^3}$	R	CDF	L	K
11500	8948	1	$e^{\frac{u^2 \text{Exp}(w) \pi}{v}}$	R	CDF	L	E
11501	8949	1	$\log\left(\frac{u^2 \text{Exp}(w) \pi}{v}\right)$	R	CDF	L	L
11502	8950	1	$\arcsin\left(\frac{u^2 \text{Exp}(w) \pi}{v}\right)$	R	CDF	L	S
11503	8951	1	$\arctan\left(\frac{u^2 \text{Exp}(w) \pi}{v}\right)$	R	CDF	L	T
11504	8952	1	$\sqrt{-\frac{v^2 + u^4 (\text{Exp}(w))^2 \pi^2}{v^2}}$	R	CDF	L	P
11505	8953	1	$\sqrt{\frac{v^2 + u^4 (\text{Exp}(w))^2 \pi^2}{v^2}}$	R	CDF	L	H
11506	8954	1	$\frac{u^2 \sin(w) \pi^2}{v}$	R	CDF	S	CDF
11507	8955	1	$\frac{v}{u^2 \sin(w) \pi^2}$	R	CDF	S	CDIF
11508	8956	1	$\frac{u^4 (\sin(w))^2 \pi^2}{v^2}$	R	CDF	S	AB
11509	8957	1	$\sqrt{\frac{u^2 \sin(w) \pi}{v}}$	R	CDF	S	R
11510	8958	1	$\frac{u^6 (\sin(w))^3 \pi^3}{v^3}$	R	CDF	S	K
11511	8959	1	$e^{\frac{u^2 \sin(w) \pi}{v}}$	R	CDF	S	E

11512	8960	1	$\log \left(\frac{u^2 \sin(w) \pi}{v} \right)$	R	CDF	S	L
11513	8961	1	$\arcsin \left(\frac{u^2 \sin(w) \pi}{v} \right)$	R	CDF	S	S
11514	8962	1	$\arctan \left(\frac{u^2 \sin(w) \pi}{v} \right)$	R	CDF	S	T
11515	8963	1	$\sqrt{\frac{v^2 - u^4 \pi^2 + u^4 \pi^2 (\cos(w))^2}{v^2}}$	R	CDF	S	P
11516	8964	1	$\sqrt{-\frac{-v^2 - u^4 \pi^2 + u^4 \pi^2 (\cos(w))^2}{v^2}}$	R	CDF	S	H
11517	8965	1	$\frac{u^2 \tan(w) \pi^2}{v}$	R	CDF	T	CDF
11518	8966	1	$\frac{v}{u^2 \tan(w) \pi^2}$	R	CDF	T	CDIF
11519	8967	1	$\frac{u^4 (\tan(w))^2 \pi^2}{v^2}$	R	CDF	T	AB
11520	8968	1	$\sqrt{\frac{u^2 \tan(w) \pi}{v}}$	R	CDF	T	R
11521	8969	1	$\frac{u^6 (\tan(w))^3 \pi^3}{v^3}$	R	CDF	T	K
11522	8970	1	$e^{\frac{u^2 \tan(w) \pi}{v}}$	R	CDF	T	E
11523	8971	1	$\log \left(\frac{u^2 \tan(w) \pi}{v} \right)$	R	CDF	T	L
11524	8972	1	$\arcsin \left(\frac{u^2 \tan(w) \pi}{v} \right)$	R	CDF	T	S
11525	8973	1	$\arctan \left(\frac{u^2 \tan(w) \pi}{v} \right)$	R	CDF	T	T

11526	8974	1	$\sqrt{-\frac{-v^2 + u^4 (\tan(w))^2 \pi^2}{v^2}}$	R	CDF	T	P
11527	8975	1	$\sqrt{\frac{v^2 + u^4 (\tan(w))^2 \pi^2}{v^2}}$	R	CDF	T	H
11528	8976	1	$\frac{u^2 \sqrt{-(w-1)(w+1)} \pi^2}{v}$	R	CDF	P	CDF
11529	8977	1	$\frac{v}{u^2 \sqrt{1-w^2} \pi^2}$	R	CDF	P	CDIF
11530	8978	1	$-\frac{u^4 \pi^2 (-1+w^2)}{v^2}$	R	CDF	P	AB
11531	8979	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{v}}$	R	CDF	P	R
11532	8980	1	$\frac{u^6 (1-w^2)^{3/2} \pi^3}{v^3}$	R	CDF	P	K
11533	8981	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{v}}$	R	CDF	P	E
11534	8982	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{v}\right)$	R	CDF	P	L
11535	8983	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{v}\right)$	R	CDF	P	S
11536	8984	1	$\arctan\left(\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{v}\right)$	R	CDF	P	T
11537	8985	1	$\sqrt{\frac{v^2 - u^4 \pi^2 + u^4 w^2 \pi^2}{v^2}}$	R	CDF	P	P
11538	8985	2	$\sqrt{\frac{v^2 - u^4 \pi^2 + u^4 w^2 \pi^2}{v^2}}$	R	CDF	H	H
11539	8986	1	$\sqrt{-\frac{-v^2 - u^4 \pi^2 + u^4 w^2 \pi^2}{v^2}}$	R	CDF	P	H

11540	8986	2	$\sqrt{-\frac{-v^2 - u^4\pi^2 + u^4w^2\pi^2}{v^2}}$	R	CDF	H	P
11541	8987	1	$\frac{u^2\sqrt{(w-1)(w+1)\pi^2}}{v}$	R	CDF	H	CDF
11542	8988	1	$\frac{v}{u^2\sqrt{-1+w^2\pi^2}}$	R	CDF	H	CDIF
11543	8989	1	$\frac{u^4\pi^2(-1+w^2)}{v^2}$	R	CDF	H	AB
11544	8990	1	$\sqrt{\frac{u^2\sqrt{(w-1)(w+1)\pi}}{v}}$	R	CDF	H	R
11545	8991	1	$\frac{u^6(-1+w^2)^{3/2}\pi^3}{v^3}$	R	CDF	H	K
11546	8992	1	$e^{\frac{u^2\sqrt{(w-1)(w+1)\pi}}{v}}$	R	CDF	H	E
11547	8993	1	$\log\left(\frac{u^2\sqrt{(w-1)(w+1)\pi}}{v}\right)$	R	CDF	H	L
11548	8994	1	$\arcsin\left(\frac{u^2\sqrt{(w-1)(w+1)\pi}}{v}\right)$	R	CDF	H	S
11549	8995	1	$\arctan\left(\frac{u^2\sqrt{(w-1)(w+1)\pi}}{v}\right)$	R	CDF	H	T
11550	8996	1	$u^2vw\pi^2$	R	CDIF	CD	CDF
11551	8997	1	$\frac{1}{u^2vw\pi^2}$	R	CDIF	CD	CDIF
11552	8998	1	$u^4v^2w^2\pi^2$	R	CDIF	CD	AB
11553	8999	1	$\sqrt{u^2vw\pi}$	R	CDIF	CD	R
11554	9000	1	$u^6v^3w^3\pi^3$	R	CDIF	CD	K

11555	9001	1	$e^{u^2 v w \pi}$	R	CDIF	CD	E
11556	9002	1	$\log(u^2 v w \pi)$	R	CDIF	CD	L
11557	9003	1	$\arcsin(u^2 v w \pi)$	R	CDIF	CD	S
11558	9004	1	$\arctan(u^2 v w \pi)$	R	CDIF	CD	T
11559	9005	1	$\sqrt{1 - u^4 v^2 w^2 \pi^2}$	R	CDIF	CD	P
11560	9006	1	$\sqrt{1 + u^4 v^2 w^2 \pi^2}$	R	CDIF	CD	H
11561	9007	1	$\frac{u^2 v \pi^2}{w}$	R	CDIF	CDI	CDF
11562	9008	1	$\frac{u^4 v^2 \pi^2}{w^2}$	R	CDIF	CDI	AB
11563	9009	1	$\sqrt{\frac{u^2 v \pi}{w}}$	R	CDIF	CDI	R
11564	9010	1	$\frac{u^6 v^3 \pi^3}{w^3}$	R	CDIF	CDI	K
11565	9011	1	$e^{\frac{u^2 v \pi}{w}}$	R	CDIF	CDI	E
11566	9012	1	$\log\left(\frac{u^2 v \pi}{w}\right)$	R	CDIF	CDI	L
11567	9013	1	$\arcsin\left(\frac{u^2 v \pi}{w}\right)$	R	CDIF	CDI	S
11568	9014	1	$\arctan\left(\frac{u^2 v \pi}{w}\right)$	R	CDIF	CDI	T
11569	9015	1	$\sqrt{-\frac{w^2 + u^4 v^2 \pi^2}{w^2}}$	R	CDIF	CDI	P

11570	9016	1	$\sqrt{\frac{w^2 + u^4 v^2 \pi^2}{w^2}}$	R	CDIF	CDI	H
11571	9017	1	$u^2 v \sqrt{w} \pi^2$	R	CDIF	AB	CDF
11572	9018	1	$\frac{1}{u^2 v \sqrt{w} \pi^2}$	R	CDIF	AB	CDIF
11573	9019	1	$u^4 v^2 w \pi^2$	R	CDIF	AB	AB
11574	9020	1	$\sqrt{u^2 v \sqrt{w} \pi}$	R	CDIF	AB	R
11575	9021	1	$u^6 v^3 w^{3/2} \pi^3$	R	CDIF	AB	K
11576	9022	1	$e^{u^2 v \sqrt{w} \pi}$	R	CDIF	AB	E
11577	9023	1	$\log(u^2 v \sqrt{w} \pi)$	R	CDIF	AB	L
11578	9024	1	$\arcsin(u^2 v \sqrt{w} \pi)$	R	CDIF	AB	S
11579	9025	1	$\arctan(u^2 v \sqrt{w} \pi)$	R	CDIF	AB	T
11580	9026	1	$\sqrt{1 - u^4 v^2 w \pi^2}$	R	CDIF	AB	P
11581	9027	1	$\sqrt{1 + u^4 v^2 w \pi^2}$	R	CDIF	AB	H
11582	9028	1	$u^2 v w^2 \pi^2$	R	CDIF	R	CDF
11583	9029	1	$u^4 v^2 w^4 \pi^2$	R	CDIF	R	AB
11584	9030	1	$\sqrt{u^2 v w^2 \pi}$	R	CDIF	R	R
11585	9031	1	$u^6 v^3 w^6 \pi^3$	R	CDIF	R	K

11586	9032	1	$e^{u^2vw^2\pi}$	R	CDIF	R	E
11587	9033	1	$\log(u^2vw^2\pi)$	R	CDIF	R	L
11588	9034	1	$\arcsin(u^2vw^2\pi)$	R	CDIF	R	S
11589	9035	1	$\arctan(u^2vw^2\pi)$	R	CDIF	R	T
11590	9036	1	$\sqrt{1 - u^4v^2w^4\pi^2}$	R	CDIF	R	P
11591	9037	1	$\sqrt{1 + u^4v^2w^4\pi^2}$	R	CDIF	R	H
11592	9038	1	$u^2v\sqrt[3]{w\pi^2}$	R	CDIF	K	CDF
11593	9039	1	$\frac{1}{u^2v\sqrt[3]{w\pi^2}}$	R	CDIF	K	CDIF
11594	9040	1	$u^4v^2w^{2/3}\pi^2$	R	CDIF	K	AB
11595	9041	1	$\sqrt{u^2v\sqrt[3]{w\pi}}$	R	CDIF	K	R
11596	9042	1	$u^6v^3w\pi^3$	R	CDIF	K	K
11597	9043	1	$e^{u^2v\sqrt[3]{w\pi}}$	R	CDIF	K	E
11598	9044	1	$\log(u^2v\sqrt[3]{w\pi})$	R	CDIF	K	L
11599	9045	1	$\arcsin(u^2v\sqrt[3]{w\pi})$	R	CDIF	K	S
11600	9046	1	$\arctan(u^2v\sqrt[3]{w\pi})$	R	CDIF	K	T
11601	9047	1	$\sqrt{1 - u^4v^2w^{2/3}\pi^2}$	R	CDIF	K	P
11602	9048	1	$\sqrt{1 + u^4v^2w^{2/3}\pi^2}$	R	CDIF	K	H

11603	9049	1	$u^2 v \ln(w) \pi^2$	R	CDIF	E	CDF
11604	9050	1	$\frac{1}{u^2 v \ln(w) \pi^2}$	R	CDIF	E	CDIF
11605	9051	1	$u^4 v^2 (\ln(w))^2 \pi^2$	R	CDIF	E	AB
11606	9052	1	$\sqrt{u^2 v \ln(w) \pi}$	R	CDIF	E	R
11607	9053	1	$u^6 v^3 (\ln(w))^3 \pi^3$	R	CDIF	E	K
11608	9054	1	$w^{u^2 v \pi}$	R	CDIF	E	E
11609	9055	1	$\log(u^2 v \ln(w) \pi)$	R	CDIF	E	L
11610	9056	1	$\arcsin(u^2 v \ln(w) \pi)$	R	CDIF	E	S
11611	9057	1	$\arctan(u^2 v \ln(w) \pi)$	R	CDIF	E	T
11612	9058	1	$\sqrt{1 - u^4 v^2 (\ln(w))^2 \pi^2}$	R	CDIF	E	P
11613	9059	1	$\sqrt{1 + u^4 v^2 (\ln(w))^2 \pi^2}$	R	CDIF	E	H
11614	9060	1	$u^2 v \exp(w) \pi^2$	R	CDIF	L	CDF
11615	9061	1	$\frac{1}{u^2 v \exp(w) \pi^2}$	R	CDIF	L	CDIF
11616	9062	1	$u^4 v^2 (\exp(w))^2 \pi^2$	R	CDIF	L	AB
11617	9063	1	$\sqrt{u^2 v \exp(w) \pi}$	R	CDIF	L	R
11618	9064	1	$u^6 v^3 (\exp(w))^3 \pi^3$	R	CDIF	L	K

11619	9065	1	$e^{u^2 v \text{Exp}(w) \pi}$	R	CDIF	L	E
11620	9066	1	$\log(u^2 v \text{Exp}(w) \pi)$	R	CDIF	L	L
11621	9067	1	$\arcsin(u^2 v \text{Exp}(w) \pi)$	R	CDIF	L	S
11622	9068	1	$\arctan(u^2 v \text{Exp}(w) \pi)$	R	CDIF	L	T
11623	9069	1	$\sqrt{1 - u^4 v^2 (\text{Exp}(w))^2 \pi^2}$	R	CDIF	L	P
11624	9070	1	$\sqrt{1 + u^4 v^2 (\text{Exp}(w))^2 \pi^2}$	R	CDIF	L	H
11625	9071	1	$u^2 v \sin(w) \pi^2$	R	CDIF	S	CDF
11626	9072	1	$\frac{1}{u^2 v \sin(w) \pi^2}$	R	CDIF	S	CDIF
11627	9073	1	$u^4 v^2 (\sin(w))^2 \pi^2$	R	CDIF	S	AB
11628	9074	1	$\sqrt{u^2 v \sin(w) \pi}$	R	CDIF	S	R
11629	9075	1	$u^6 v^3 (\sin(w))^3 \pi^3$	R	CDIF	S	K
11630	9076	1	$e^{u^2 v \sin(w) \pi}$	R	CDIF	S	E
11631	9077	1	$\log(u^2 v \sin(w) \pi)$	R	CDIF	S	L
11632	9078	1	$\arcsin(u^2 v \sin(w) \pi)$	R	CDIF	S	S
11633	9079	1	$\arctan(u^2 v \sin(w) \pi)$	R	CDIF	S	T
11634	9080	1	$\sqrt{1 - u^4 v^2 \pi^2 + u^4 v^2 \pi^2 (\cos(w))^2}$	R	CDIF	S	P

11635	9081	1	$\sqrt{1 + u^4 v^2 \pi^2 - u^4 v^2 \pi^2 (\cos(w))^2}$	R	CDIF	S	H
11636	9082	1	$u^2 v \tan(w) \pi^2$	R	CDIF	T	CDF
11637	9083	1	$\frac{1}{u^2 v \tan(w) \pi^2}$	R	CDIF	T	CDIF
11638	9084	1	$u^4 v^2 (\tan(w))^2 \pi^2$	R	CDIF	T	AB
11639	9085	1	$\sqrt{u^2 v \tan(w) \pi}$	R	CDIF	T	R
11640	9086	1	$u^6 v^3 (\tan(w))^3 \pi^3$	R	CDIF	T	K
11641	9087	1	$e^{u^2 v \tan(w) \pi}$	R	CDIF	T	E
11642	9088	1	$\log(u^2 v \tan(w) \pi)$	R	CDIF	T	L
11643	9089	1	$\arcsin(u^2 v \tan(w) \pi)$	R	CDIF	T	S
11644	9090	1	$\arctan(u^2 v \tan(w) \pi)$	R	CDIF	T	T
11645	9091	1	$\sqrt{1 - u^4 v^2 (\tan(w))^2 \pi^2}$	R	CDIF	T	P
11646	9092	1	$\sqrt{1 + u^4 v^2 (\tan(w))^2 \pi^2}$	R	CDIF	T	H
11647	9093	1	$u^2 v \sqrt{-(w-1)(w+1)} \pi^2$	R	CDIF	P	CDF
11648	9094	1	$\frac{1}{u^2 v \sqrt{1 - w^2} \pi^2}$	R	CDIF	P	CDIF
11649	9095	1	$-u^4 v^2 \pi^2 (-1 + w^2)$	R	CDIF	P	AB
11650	9096	1	$\sqrt{u^2 v \sqrt{-(w-1)(w+1)} \pi}$	R	CDIF	P	R

11651	9097	1	$u^6 v^3 (1 - w^2)^{3/2} \pi^3$	R	CDIF	P	K
11652	9098	1	$e^{u^2 v \sqrt{-(w-1)(w+1)}\pi}$	R	CDIF	P	E
11653	9099	1	$\log \left(u^2 v \sqrt{-(w-1)(w+1)}\pi \right)$	R	CDIF	P	L
11654	9100	1	$\arcsin \left(u^2 v \sqrt{-(w-1)(w+1)}\pi \right)$	R	CDIF	P	S
11655	9101	1	$\arctan \left(u^2 v \sqrt{-(w-1)(w+1)}\pi \right)$	R	CDIF	P	T
11656	9102	1	$\sqrt{1 - u^4 v^2 \pi^2 + u^4 v^2 w^2 \pi^2}$	R	CDIF	P	P
11657	9102	2	$\sqrt{1 - u^4 v^2 \pi^2 + u^4 v^2 w^2 \pi^2}$	R	CDIF	H	H
11658	9103	1	$\sqrt{1 + u^4 v^2 \pi^2 - u^4 v^2 w^2 \pi^2}$	R	CDIF	P	H
11659	9103	2	$\sqrt{1 + u^4 v^2 \pi^2 - u^4 v^2 w^2 \pi^2}$	R	CDIF	H	P
11660	9104	1	$u^2 v \sqrt{(w-1)(w+1)}\pi^2$	R	CDIF	H	CDF
11661	9105	1	$\frac{1}{u^2 v \sqrt{-1 + w^2} \pi^2}$	R	CDIF	H	CDIF
11662	9106	1	$u^4 v^2 \pi^2 (-1 + w^2)$	R	CDIF	H	AB
11663	9107	1	$\sqrt{u^2 v \sqrt{(w-1)(w+1)}\pi}$	R	CDIF	H	R
11664	9108	1	$u^6 v^3 (-1 + w^2)^{3/2} \pi^3$	R	CDIF	H	K
11665	9109	1	$e^{u^2 v \sqrt{(w-1)(w+1)}\pi}$	R	CDIF	H	E
11666	9110	1	$\log \left(u^2 v \sqrt{(w-1)(w+1)}\pi \right)$	R	CDIF	H	L
11667	9111	1	$\arcsin \left(u^2 v \sqrt{(w-1)(w+1)}\pi \right)$	R	CDIF	H	S

11668	9112	1	$\arctan\left(u^2 v \sqrt{(w-1)(w+1)\pi}\right)$	R	CDIF	H	T
11669	9113	1	$\frac{u^2 w}{\sqrt{v}}$	R	AB	CD	CD
11670	9113	2	$\frac{u^2 w}{\sqrt{v}}$	R	AB	CDF	CDF
11671	9114	1	$\frac{\sqrt{v}}{u^2 w}$	R	AB	CD	CDI
11672	9114	2	$\frac{\sqrt{v}}{u^2 w}$	R	AB	CDF	CDIF
11673	9115	1	$\frac{u^2 w \pi}{\sqrt{v}}$	R	AB	CD	CDF
11674	9116	1	$\frac{\sqrt{v}}{u^2 w \pi}$	R	AB	CD	CDIF
11675	9117	1	$\frac{u^4 w^2}{v}$	R	AB	CD	AB
11676	9118	1	$\sqrt{\frac{u^2 w}{\sqrt{v}}}$	R	AB	CD	R
11677	9119	1	$\frac{u^6 w^3}{v^{3/2}}$	R	AB	CD	K
11678	9120	1	$e^{\frac{u^2 w}{\sqrt{v}}}$	R	AB	CD	E
11679	9121	1	$\log\left(\frac{u^2 w}{\sqrt{v}}\right)$	R	AB	CD	L
11680	9122	1	$\arcsin\left(\frac{u^2 w}{\sqrt{v}}\right)$	R	AB	CD	S
11681	9123	1	$\arctan\left(\frac{u^2 w}{\sqrt{v}}\right)$	R	AB	CD	T
11682	9124	1	$\sqrt{-\frac{v + u^4 w^2}{v}}$	R	AB	CD	P

11683	9125	1	$\sqrt{\frac{v+u^4w^2}{v}}$	R	AB	CD	H
11684	9126	1	$\frac{u^2}{\sqrt{vw}}$	R	AB	CDI	CD
11685	9126	2	$\frac{u^2}{\sqrt{vw}}$	R	AB	CDIF	CDF
11686	9127	1	$\frac{\sqrt{vw}}{u^2}$	R	AB	CDI	CDI
11687	9127	2	$\frac{\sqrt{vw}}{u^2}$	R	AB	CDIF	CDIF
11688	9128	1	$\frac{u^2\pi}{\sqrt{vw}}$	R	AB	CDI	CDF
11689	9129	1	$\frac{\sqrt{vw}}{u^2\pi}$	R	AB	CDI	CDIF
11690	9130	1	$\frac{u^4}{vw^2}$	R	AB	CDI	AB
11691	9131	1	$\sqrt{\frac{u^2}{\sqrt{vw}}}$	R	AB	CDI	R
11692	9132	1	$\frac{u^6}{v^{3/2}w^3}$	R	AB	CDI	K
11693	9133	1	$e^{\frac{u^2}{\sqrt{vw}}}$	R	AB	CDI	E
11694	9134	1	$\log\left(\frac{u^2}{\sqrt{vw}}\right)$	R	AB	CDI	L
11695	9135	1	$\arcsin\left(\frac{u^2}{\sqrt{vw}}\right)$	R	AB	CDI	S
11696	9136	1	$\arctan\left(\frac{u^2}{\sqrt{vw}}\right)$	R	AB	CDI	T
11697	9137	1	$\sqrt{-\frac{vw^2+u^4}{vw^2}}$	R	AB	CDI	P

11698	9138	1	$\sqrt{\frac{vw^2 + u^4}{vw^2}}$	R	AB	CDI	H
11699	9139	1	$\frac{u^2w}{\sqrt{v\pi}}$	R	AB	CDF	CD
11700	9140	1	$\frac{\sqrt{v\pi}}{u^2w}$	R	AB	CDF	CDI
11701	9141	1	$\frac{u^4w^2}{v\pi^2}$	R	AB	CDF	AB
11702	9142	1	$\sqrt{\frac{u^2w}{\sqrt{v\pi}}}$	R	AB	CDF	R
11703	9143	1	$\frac{u^6w^3}{v^{3/2}\pi^3}$	R	AB	CDF	K
11704	9144	1	$e^{\frac{u^2w}{\sqrt{v\pi}}}$	R	AB	CDF	E
11705	9145	1	$\log\left(\frac{u^2w}{\sqrt{v\pi}}\right)$	R	AB	CDF	L
11706	9146	1	$\arcsin\left(\frac{u^2w}{\sqrt{v\pi}}\right)$	R	AB	CDF	S
11707	9147	1	$\arctan\left(\frac{u^2w}{\sqrt{v\pi}}\right)$	R	AB	CDF	T
11708	9148	1	$\sqrt{-\frac{v\pi^2 + u^4w^2}{v\pi^2}}$	R	AB	CDF	P
11709	9149	1	$\sqrt{\frac{v\pi^2 + u^4w^2}{v\pi^2}}$	R	AB	CDF	H
11710	9150	1	$\frac{u^2}{\sqrt{vw\pi}}$	R	AB	CDIF	CD
11711	9151	1	$\frac{\sqrt{vw\pi}}{u^2}$	R	AB	CDIF	CDI
11712	9152	1	$\frac{u^4}{vw^2\pi^2}$	R	AB	CDIF	AB

11713	9153	1	$\sqrt{\frac{u^2}{\sqrt{v}w\pi}}$	R	AB	CDIF	R
11714	9154	1	$\frac{u^6}{v^{3/2}w^3\pi^3}$	R	AB	CDIF	K
11715	9155	1	$e^{\frac{u^2}{\sqrt{v}w\pi}}$	R	AB	CDIF	E
11716	9156	1	$\log\left(\frac{u^2}{\sqrt{v}w\pi}\right)$	R	AB	CDIF	L
11717	9157	1	$\arcsin\left(\frac{u^2}{\sqrt{v}w\pi}\right)$	R	AB	CDIF	S
11718	9158	1	$\arctan\left(\frac{u^2}{\sqrt{v}w\pi}\right)$	R	AB	CDIF	T
11719	9159	1	$\sqrt{-\frac{vw^2\pi^2 + u^4}{vw^2\pi^2}}$	R	AB	CDIF	P
11720	9160	1	$\sqrt{\frac{vw^2\pi^2 + u^4}{vw^2\pi^2}}$	R	AB	CDIF	H
11721	9161	1	$\frac{u^2\sqrt{w}}{\sqrt{v}}$	R	AB	AB	CD
11722	9162	1	$\frac{\sqrt{v}}{u^2\sqrt{w}}$	R	AB	AB	CDI
11723	9163	1	$\frac{u^2\sqrt{w\pi}}{\sqrt{v}}$	R	AB	AB	CDF
11724	9164	1	$\frac{\sqrt{v}}{u^2\sqrt{w\pi}}$	R	AB	AB	CDIF
11725	9165	1	$\frac{u^4w}{v}$	R	AB	AB	AB
11726	9166	1	$\sqrt{\frac{u^2\sqrt{w}}{\sqrt{v}}}$	R	AB	AB	R

11727	9167	1	$\frac{u^6 w^{3/2}}{v^{3/2}}$	R	AB	AB	K
11728	9168	1	$e^{\frac{u^2 \sqrt{w}}{\sqrt{v}}}$	R	AB	AB	E
11729	9169	1	$\log\left(\frac{u^2 \sqrt{w}}{\sqrt{v}}\right)$	R	AB	AB	L
11730	9170	1	$\arcsin\left(\frac{u^2 \sqrt{w}}{\sqrt{v}}\right)$	R	AB	AB	S
11731	9171	1	$\arctan\left(\frac{u^2 \sqrt{w}}{\sqrt{v}}\right)$	R	AB	AB	T
11732	9172	1	$\sqrt{-\frac{v + u^4 w}{v}}$	R	AB	AB	P
11733	9173	1	$\sqrt{\frac{v + u^4 w}{v}}$	R	AB	AB	H
11734	9174	1	$\frac{u^2 w^2}{\sqrt{v}}$	R	AB	R	CD
11735	9175	1	$\frac{\sqrt{v}}{u^2 w^2}$	R	AB	R	CDI
11736	9176	1	$\frac{u^2 w^2 \pi}{\sqrt{v}}$	R	AB	R	CDF
11737	9177	1	$\frac{\sqrt{v}}{u^2 w^2 \pi}$	R	AB	R	CDIF
11738	9178	1	$\frac{u^4 w^4}{v}$	R	AB	R	AB
11739	9179	1	$\sqrt{\frac{u^2 w^2}{\sqrt{v}}}$	R	AB	R	R
11740	9180	1	$\frac{u^6 w^6}{v^{3/2}}$	R	AB	R	K
11741	9181	1	$e^{\frac{u^2 w^2}{\sqrt{v}}}$	R	AB	R	E

11742	9182	1	$\log\left(\frac{u^2 w^2}{\sqrt{v}}\right)$	R	AB	R	L
11743	9183	1	$\arcsin\left(\frac{u^2 w^2}{\sqrt{v}}\right)$	R	AB	R	S
11744	9184	1	$\arctan\left(\frac{u^2 w^2}{\sqrt{v}}\right)$	R	AB	R	T
11745	9185	1	$\sqrt{-\frac{v + u^4 w^4}{v}}$	R	AB	R	P
11746	9186	1	$\sqrt{\frac{v + u^4 w^4}{v}}$	R	AB	R	H
11747	9187	1	$\frac{u^2 \sqrt[3]{w}}{\sqrt{v}}$	R	AB	K	CD
11748	9188	1	$\frac{\sqrt{v}}{u^2 \sqrt[3]{w}}$	R	AB	K	CDI
11749	9189	1	$\frac{u^2 \sqrt[3]{w} \pi}{\sqrt{v}}$	R	AB	K	CDF
11750	9190	1	$\frac{\sqrt{v}}{u^2 \sqrt[3]{w} \pi}$	R	AB	K	CDIF
11751	9191	1	$\frac{u^4 w^{2/3}}{v}$	R	AB	K	AB
11752	9192	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\sqrt{v}}}$	R	AB	K	R
11753	9193	1	$\frac{u^6 w}{v^{3/2}}$	R	AB	K	K
11754	9194	1	$e^{\frac{u^2 \sqrt[3]{w}}{\sqrt{v}}}$	R	AB	K	E
11755	9195	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{\sqrt{v}}\right)$	R	AB	K	L

11756	9196	1	$\arcsin\left(\frac{u^2\sqrt[3]{w}}{\sqrt{v}}\right)$	R	AB	K	S
11757	9197	1	$\arctan\left(\frac{u^2\sqrt[3]{w}}{\sqrt{v}}\right)$	R	AB	K	T
11758	9198	1	$\sqrt{-\frac{-v+u^4w^{2/3}}{v}}$	R	AB	K	P
11759	9199	1	$\sqrt{\frac{v+u^4w^{2/3}}{v}}$	R	AB	K	H
11760	9200	1	$\frac{u^2\ln(w)}{\sqrt{v}}$	R	AB	E	CD
11761	9201	1	$\frac{\sqrt{v}}{u^2\ln(w)}$	R	AB	E	CDI
11762	9202	1	$\frac{u^2\ln(w)\pi}{\sqrt{v}}$	R	AB	E	CDF
11763	9203	1	$\frac{\sqrt{v}}{u^2\ln(w)\pi}$	R	AB	E	CDIF
11764	9204	1	$\frac{u^4(\ln(w))^2}{v}$	R	AB	E	AB
11765	9205	1	$\sqrt{\frac{u^2\ln(w)}{\sqrt{v}}}$	R	AB	E	R
11766	9206	1	$\frac{u^6(\ln(w))^3}{v^{3/2}}$	R	AB	E	K
11767	9207	1	$w^{\frac{u^2}{\sqrt{v}}}$	R	AB	E	E
11768	9208	1	$\log\left(\frac{u^2\ln(w)}{\sqrt{v}}\right)$	R	AB	E	L
11769	9209	1	$\arcsin\left(\frac{u^2\ln(w)}{\sqrt{v}}\right)$	R	AB	E	S
11770	9210	1	$\arctan\left(\frac{u^2\ln(w)}{\sqrt{v}}\right)$	R	AB	E	T

11771	9211	1	$\sqrt{-\frac{v + u^4 (\ln(w))^2}{v}}$	R	AB	E	P
11772	9212	1	$\sqrt{\frac{v + u^4 (\ln(w))^2}{v}}$	R	AB	E	H
11773	9213	1	$\frac{u^2 \text{Exp}(w)}{\sqrt{v}}$	R	AB	L	CD
11774	9214	1	$\frac{\sqrt{v}}{u^2 \text{Exp}(w)}$	R	AB	L	CDI
11775	9215	1	$\frac{u^2 \text{Exp}(w) \pi}{\sqrt{v}}$	R	AB	L	CDF
11776	9216	1	$\frac{\sqrt{v}}{u^2 \text{Exp}(w) \pi}$	R	AB	L	CDIF
11777	9217	1	$\frac{u^4 (\text{Exp}(w))^2}{v}$	R	AB	L	AB
11778	9218	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\sqrt{v}}}$	R	AB	L	R
11779	9219	1	$\frac{u^6 (\text{Exp}(w))^3}{v^{3/2}}$	R	AB	L	K
11780	9220	1	$e^{\frac{u^2 \text{Exp}(w)}{\sqrt{v}}}$	R	AB	L	E
11781	9221	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\sqrt{v}}\right)$	R	AB	L	L
11782	9222	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\sqrt{v}}\right)$	R	AB	L	S
11783	9223	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\sqrt{v}}\right)$	R	AB	L	T
11784	9224	1	$\sqrt{-\frac{v + u^4 (\text{Exp}(w))^2}{v}}$	R	AB	L	P

11785	9225	1	$\sqrt{\frac{v + u^4 (\text{Exp}(w))^2}{v}}$	R	AB	L	H
11786	9226	1	$\frac{u^2 \sin(w)}{\sqrt{v}}$	R	AB	S	CD
11787	9227	1	$\frac{\sqrt{v}}{u^2 \sin(w)}$	R	AB	S	CDI
11788	9228	1	$\frac{u^2 \sin(w) \pi}{\sqrt{v}}$	R	AB	S	CDF
11789	9229	1	$\frac{\sqrt{v}}{u^2 \sin(w) \pi}$	R	AB	S	CDIF
11790	9230	1	$\frac{u^4 (\sin(w))^2}{v}$	R	AB	S	AB
11791	9231	1	$\sqrt{\frac{u^2 \sin(w)}{\sqrt{v}}}$	R	AB	S	R
11792	9232	1	$\frac{u^6 (\sin(w))^3}{v^{3/2}}$	R	AB	S	K
11793	9233	1	$e^{\frac{u^2 \sin(w)}{\sqrt{v}}}$	R	AB	S	E
11794	9234	1	$\log\left(\frac{u^2 \sin(w)}{\sqrt{v}}\right)$	R	AB	S	L
11795	9235	1	$\arcsin\left(\frac{u^2 \sin(w)}{\sqrt{v}}\right)$	R	AB	S	S
11796	9236	1	$\arctan\left(\frac{u^2 \sin(w)}{\sqrt{v}}\right)$	R	AB	S	T
11797	9237	1	$\sqrt{\frac{v - u^4 + u^4 (\cos(w))^2}{v}}$	R	AB	S	P
11798	9238	1	$\sqrt{-\frac{v - u^4 + u^4 (\cos(w))^2}{v}}$	R	AB	S	H

11799	9239	1	$\frac{u^2 \tan(w)}{\sqrt{v}}$	R	AB	T	CD
11800	9240	1	$\frac{\sqrt{v}}{u^2 \tan(w)}$	R	AB	T	CDI
11801	9241	1	$\frac{u^2 \tan(w) \pi}{\sqrt{v}}$	R	AB	T	CDF
11802	9242	1	$\frac{\sqrt{v}}{u^2 \tan(w) \pi}$	R	AB	T	CDIF
11803	9243	1	$\frac{u^4 (\tan(w))^2}{v}$	R	AB	T	AB
11804	9244	1	$\sqrt{\frac{u^2 \tan(w)}{\sqrt{v}}}$	R	AB	T	R
11805	9245	1	$\frac{u^6 (\tan(w))^3}{v^{3/2}}$	R	AB	T	K
11806	9246	1	$e^{\frac{u^2 \tan(w)}{\sqrt{v}}}$	R	AB	T	E
11807	9247	1	$\log\left(\frac{u^2 \tan(w)}{\sqrt{v}}\right)$	R	AB	T	L
11808	9248	1	$\arcsin\left(\frac{u^2 \tan(w)}{\sqrt{v}}\right)$	R	AB	T	S
11809	9249	1	$\arctan\left(\frac{u^2 \tan(w)}{\sqrt{v}}\right)$	R	AB	T	T
11810	9250	1	$\sqrt{-\frac{-v + u^4 (\tan(w))^2}{v}}$	R	AB	T	P
11811	9251	1	$\sqrt{\frac{v + u^4 (\tan(w))^2}{v}}$	R	AB	T	H
11812	9252	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{v}}$	R	AB	P	CD

11813	9253	1	$\frac{\sqrt{v}}{u^2\sqrt{1-w^2}}$	R	AB	P	CDI
11814	9254	1	$\frac{u^2\sqrt{-(w-1)(w+1)}\pi}{\sqrt{v}}$	R	AB	P	CDF
11815	9255	1	$\frac{\sqrt{v}}{u^2\sqrt{1-w^2}\pi}$	R	AB	P	CDIF
11816	9256	1	$-\frac{u^4(-1+w^2)}{v}$	R	AB	P	AB
11817	9257	1	$\sqrt{\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{v}}}$	R	AB	P	R
11818	9258	1	$\frac{u^6(1-w^2)^{3/2}}{v^{3/2}}$	R	AB	P	K
11819	9259	1	$e^{\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{v}}}$	R	AB	P	E
11820	9260	1	$\log\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{v}}\right)$	R	AB	P	L
11821	9261	1	$\arcsin\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{v}}\right)$	R	AB	P	S
11822	9262	1	$\arctan\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{v}}\right)$	R	AB	P	T
11823	9263	1	$\sqrt{\frac{v-u^4+u^4w^2}{v}}$	R	AB	P	P
11824	9263	2	$\sqrt{\frac{v-u^4+u^4w^2}{v}}$	R	AB	H	H
11825	9264	1	$\sqrt{-\frac{v-u^4+u^4w^2}{v}}$	R	AB	P	H
11826	9264	2	$\sqrt{-\frac{v-u^4+u^4w^2}{v}}$	R	AB	H	P

11827	9265	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}}$	R	AB	H	CD
11828	9266	1	$\frac{\sqrt{v}}{u^2 \sqrt{-1+w^2}}$	R	AB	H	CDI
11829	9267	1	$\frac{u^2 \sqrt{(w-1)(w+1)} \pi}{\sqrt{v}}$	R	AB	H	CDF
11830	9268	1	$\frac{\sqrt{v}}{u^2 \sqrt{-1+w^2} \pi}$	R	AB	H	CDIF
11831	9269	1	$\frac{u^4 (-1+w^2)}{v}$	R	AB	H	AB
11832	9270	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}}}$	R	AB	H	R
11833	9271	1	$\frac{u^6 (-1+w^2)^{3/2}}{v^{3/2}}$	R	AB	H	K
11834	9272	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}}}$	R	AB	H	E
11835	9273	1	$\log \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}} \right)$	R	AB	H	L
11836	9274	1	$\arcsin \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}} \right)$	R	AB	H	S
11837	9275	1	$\arctan \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{v}} \right)$	R	AB	H	T
11838	9276	1	$\frac{v^2}{u^2 w}$	R	R	CD	CDI
11839	9276	2	$\frac{v^2}{u^2 w}$	R	R	CDF	CDIF
11840	9277	1	$\frac{u^2 w \pi}{v^2}$	R	R	CD	CDF

11841	9278	1	$\frac{v^2}{u^2 w \pi}$	R	R	CD	CDIF
11842	9279	1	$\frac{u^4 w^2}{v^4}$	R	R	CD	AB
11843	9280	1	$\sqrt{\frac{u^2 w}{v^2}}$	R	R	CD	R
11844	9281	1	$\frac{u^6 w^3}{v^6}$	R	R	CD	K
11845	9282	1	$e^{\frac{u^2 w}{v^2}}$	R	R	CD	E
11846	9283	1	$\log\left(\frac{u^2 w}{v^2}\right)$	R	R	CD	L
11847	9284	1	$\arcsin\left(\frac{u^2 w}{v^2}\right)$	R	R	CD	S
11848	9285	1	$\arctan\left(\frac{u^2 w}{v^2}\right)$	R	R	CD	T
11849	9286	1	$\sqrt{-\frac{v^4 + u^4 w^2}{v^4}}$	R	R	CD	P
11850	9287	1	$\sqrt{\frac{v^4 + u^4 w^2}{v^4}}$	R	R	CD	H
11851	9288	1	$\frac{u^2}{v^2 w}$	R	R	CDI	CD
11852	9288	2	$\frac{u^2}{v^2 w}$	R	R	CDIF	CDF
11853	9289	1	$\frac{u^2 \pi}{v^2 w}$	R	R	CDI	CDF
11854	9290	1	$\frac{v^2 w}{u^2 \pi}$	R	R	CDI	CDIF
11855	9291	1	$\frac{u^4}{v^4 w^2}$	R	R	CDI	AB

11856	9292	1	$\sqrt{\frac{u^2}{v^2 w}}$	R	R	CDI	R
11857	9293	1	$\frac{u^6}{v^6 w^3}$	R	R	CDI	K
11858	9294	1	$e^{\frac{u^2}{v^2 w}}$	R	R	CDI	E
11859	9295	1	$\log\left(\frac{u^2}{v^2 w}\right)$	R	R	CDI	L
11860	9296	1	$\arcsin\left(\frac{u^2}{v^2 w}\right)$	R	R	CDI	S
11861	9297	1	$\arctan\left(\frac{u^2}{v^2 w}\right)$	R	R	CDI	T
11862	9298	1	$\sqrt{-\frac{v^4 w^2 + u^4}{v^4 w^2}}$	R	R	CDI	P
11863	9299	1	$\sqrt{\frac{v^4 w^2 + u^4}{v^4 w^2}}$	R	R	CDI	H
11864	9300	1	$\frac{u^2 w}{v^2 \pi}$	R	R	CDF	CD
11865	9301	1	$\frac{v^2 \pi}{u^2 w}$	R	R	CDF	CDI
11866	9302	1	$\frac{u^4 w^2}{v^4 \pi^2}$	R	R	CDF	AB
11867	9303	1	$\sqrt{\frac{u^2 w}{v^2 \pi}}$	R	R	CDF	R
11868	9304	1	$\frac{u^6 w^3}{v^6 \pi^3}$	R	R	CDF	K
11869	9305	1	$e^{\frac{u^2 w}{v^2 \pi}}$	R	R	CDF	E
11870	9306	1	$\log\left(\frac{u^2 w}{v^2 \pi}\right)$	R	R	CDF	L

11871	9307	1	$\arcsin\left(\frac{u^2 w}{v^2 \pi}\right)$	R	R	CDF	S
11872	9308	1	$\arctan\left(\frac{u^2 w}{v^2 \pi}\right)$	R	R	CDF	T
11873	9309	1	$\sqrt{-\frac{v^4 \pi^2 + u^4 w^2}{v^4 \pi^2}}$	R	R	CDF	P
11874	9310	1	$\sqrt{\frac{v^4 \pi^2 + u^4 w^2}{v^4 \pi^2}}$	R	R	CDF	H
11875	9311	1	$\frac{u^2}{v^2 w \pi}$	R	R	CDIF	CD
11876	9312	1	$\frac{v^2 w \pi}{u^2}$	R	R	CDIF	CDI
11877	9313	1	$\frac{u^4}{v^4 w^2 \pi^2}$	R	R	CDIF	AB
11878	9314	1	$\sqrt{\frac{u^2}{v^2 w \pi}}$	R	R	CDIF	R
11879	9315	1	$\frac{u^6}{v^6 w^3 \pi^3}$	R	R	CDIF	K
11880	9316	1	$e^{\frac{u^2}{v^2 w \pi}}$	R	R	CDIF	E
11881	9317	1	$\log\left(\frac{u^2}{v^2 w \pi}\right)$	R	R	CDIF	L
11882	9318	1	$\arcsin\left(\frac{u^2}{v^2 w \pi}\right)$	R	R	CDIF	S
11883	9319	1	$\arctan\left(\frac{u^2}{v^2 w \pi}\right)$	R	R	CDIF	T
11884	9320	1	$\sqrt{-\frac{v^4 w^2 \pi^2 + u^4}{v^4 w^2 \pi^2}}$	R	R	CDIF	P

11885	9321	1	$\sqrt{\frac{v^4 w^2 \pi^2 + u^4}{v^4 w^2 \pi^2}}$	R	R	CDIF	H
11886	9322	1	$\frac{u^2 \sqrt{w}}{v^2}$	R	R	AB	CD
11887	9323	1	$\frac{v^2}{u^2 \sqrt{w}}$	R	R	AB	CDI
11888	9324	1	$\frac{u^2 \sqrt{w} \pi}{v^2}$	R	R	AB	CDF
11889	9325	1	$\frac{v^2}{u^2 \sqrt{w} \pi}$	R	R	AB	CDIF
11890	9326	1	$\frac{u^4 w}{v^4}$	R	R	AB	AB
11891	9327	1	$\sqrt{\frac{u^2 \sqrt{w}}{v^2}}$	R	R	AB	R
11892	9328	1	$\frac{u^6 w^{3/2}}{v^6}$	R	R	AB	K
11893	9329	1	$e^{\frac{u^2 \sqrt{w}}{v^2}}$	R	R	AB	E
11894	9330	1	$\log\left(\frac{u^2 \sqrt{w}}{v^2}\right)$	R	R	AB	L
11895	9331	1	$\arcsin\left(\frac{u^2 \sqrt{w}}{v^2}\right)$	R	R	AB	S
11896	9332	1	$\arctan\left(\frac{u^2 \sqrt{w}}{v^2}\right)$	R	R	AB	T
11897	9333	1	$\sqrt{-\frac{v^4 + u^4 w}{v^4}}$	R	R	AB	P
11898	9334	1	$\sqrt{\frac{v^4 + u^4 w}{v^4}}$	R	R	AB	H
11899	9335	1	$\frac{u^2 w^2 \pi}{v^2}$	R	R	R	CDF

11900	9336	1	$\frac{v^2}{u^2 w^2 \pi}$	R	R	R	CDIF
11901	9337	1	$\frac{u^4 w^4}{v^4}$	R	R	R	AB
11902	9338	1	$\sqrt{\frac{u^2 w^2}{v^2}}$	R	R	R	R
11903	9339	1	$\frac{u^6 w^6}{v^6}$	R	R	R	K
11904	9340	1	$e^{\frac{u^2 w^2}{v^2}}$	R	R	R	E
11905	9341	1	$\log\left(\frac{u^2 w^2}{v^2}\right)$	R	R	R	L
11906	9342	1	$\arcsin\left(\frac{u^2 w^2}{v^2}\right)$	R	R	R	S
11907	9343	1	$\arctan\left(\frac{u^2 w^2}{v^2}\right)$	R	R	R	T
11908	9344	1	$\sqrt{-\frac{v^4 + u^4 w^4}{v^4}}$	R	R	R	P
11909	9345	1	$\sqrt{\frac{v^4 + u^4 w^4}{v^4}}$	R	R	R	H
11910	9346	1	$\frac{u^2 \sqrt[3]{w}}{v^2}$	R	R	K	CD
11911	9347	1	$\frac{v^2}{u^2 \sqrt[3]{w}}$	R	R	K	CDI
11912	9348	1	$\frac{u^2 \sqrt[3]{w} \pi}{v^2}$	R	R	K	CDF
11913	9349	1	$\frac{v^2}{u^2 \sqrt[3]{w} \pi}$	R	R	K	CDIF

11914	9350	1	$\frac{u^4 w^{2/3}}{v^4}$	R	R	K	AB
11915	9351	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{v^2}}$	R	R	K	R
11916	9352	1	$\frac{u^6 w}{v^6}$	R	R	K	K
11917	9353	1	$e^{\frac{u^2 \sqrt[3]{w}}{v^2}}$	R	R	K	E
11918	9354	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{v^2}\right)$	R	R	K	L
11919	9355	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{v^2}\right)$	R	R	K	S
11920	9356	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{v^2}\right)$	R	R	K	T
11921	9357	1	$\sqrt{-\frac{v^4 + u^4 w^{2/3}}{v^4}}$	R	R	K	P
11922	9358	1	$\sqrt{\frac{v^4 + u^4 w^{2/3}}{v^4}}$	R	R	K	H
11923	9359	1	$\frac{u^2 \ln(w)}{v^2}$	R	R	E	CD
11924	9360	1	$\frac{v^2}{u^2 \ln(w)}$	R	R	E	CDI
11925	9361	1	$\frac{u^2 \ln(w) \pi}{v^2}$	R	R	E	CDF
11926	9362	1	$\frac{v^2}{u^2 \ln(w) \pi}$	R	R	E	CDIF
11927	9363	1	$\frac{u^4 (\ln(w))^2}{v^4}$	R	R	E	AB
11928	9364	1	$\sqrt{\frac{u^2 \ln(w)}{v^2}}$	R	R	E	R

11929	9365	1	$\frac{u^6 (\ln (w))^3}{v^6}$	R	R	E	K
11930	9366	1	$w^{\frac{u^2}{v^2}}$	R	R	E	E
11931	9367	1	$\log \left(\frac{u^2 \ln (w)}{v^2} \right)$	R	R	E	L
11932	9368	1	$\arcsin \left(\frac{u^2 \ln (w)}{v^2} \right)$	R	R	E	S
11933	9369	1	$\arctan \left(\frac{u^2 \ln (w)}{v^2} \right)$	R	R	E	T
11934	9370	1	$\sqrt{-\frac{v^4 + u^4 (\ln (w))^2}{v^4}}$	R	R	E	P
11935	9371	1	$\sqrt{\frac{v^4 + u^4 (\ln (w))^2}{v^4}}$	R	R	E	H
11936	9372	1	$\frac{u^2 \text{Exp}(w)}{v^2}$	R	R	L	CD
11937	9373	1	$\frac{v^2}{u^2 \text{Exp}(w)}$	R	R	L	CDI
11938	9374	1	$\frac{u^2 \text{Exp}(w) \pi}{v^2}$	R	R	L	CDF
11939	9375	1	$\frac{v^2}{u^2 \text{Exp}(w) \pi}$	R	R	L	CDIF
11940	9376	1	$\frac{u^4 (\text{Exp}(w))^2}{v^4}$	R	R	L	AB
11941	9377	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{v^2}}$	R	R	L	R
11942	9378	1	$\frac{u^6 (\text{Exp}(w))^3}{v^6}$	R	R	L	K

11943	9379	1	$e^{\frac{u^2 \text{Exp}(w)}{v^2}}$	R	R	L	E
11944	9380	1	$\log\left(\frac{u^2 \text{Exp}(w)}{v^2}\right)$	R	R	L	L
11945	9381	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{v^2}\right)$	R	R	L	S
11946	9382	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{v^2}\right)$	R	R	L	T
11947	9383	1	$\sqrt{-\frac{v^4 + u^4 (\text{Exp}(w))^2}{v^4}}$	R	R	L	P
11948	9384	1	$\sqrt{\frac{v^4 + u^4 (\text{Exp}(w))^2}{v^4}}$	R	R	L	H
11949	9385	1	$\frac{u^2 \sin(w)}{v^2}$	R	R	S	CD
11950	9386	1	$\frac{v^2}{u^2 \sin(w)}$	R	R	S	CDI
11951	9387	1	$\frac{u^2 \sin(w) \pi}{v^2}$	R	R	S	CDF
11952	9388	1	$\frac{v^2}{u^2 \sin(w) \pi}$	R	R	S	CDIF
11953	9389	1	$\frac{u^4 (\sin(w))^2}{v^4}$	R	R	S	AB
11954	9390	1	$\sqrt{\frac{u^2 \sin(w)}{v^2}}$	R	R	S	R
11955	9391	1	$\frac{u^6 (\sin(w))^3}{v^6}$	R	R	S	K
11956	9392	1	$e^{\frac{u^2 \sin(w)}{v^2}}$	R	R	S	E

11957	9393	1	$\log \left(\frac{u^2 \sin (w)}{v^2} \right)$	R	R	S	L
11958	9394	1	$\arcsin \left(\frac{u^2 \sin (w)}{v^2} \right)$	R	R	S	S
11959	9395	1	$\arctan \left(\frac{u^2 \sin (w)}{v^2} \right)$	R	R	S	T
11960	9396	1	$\sqrt{\frac{v^4 - u^4 + u^4 (\cos (w))^2}{v^4}}$	R	R	S	P
11961	9397	1	$\sqrt{-\frac{-v^4 - u^4 + u^4 (\cos (w))^2}{v^4}}$	R	R	S	H
11962	9398	1	$\frac{u^2 \tan (w)}{v^2}$	R	R	T	CD
11963	9399	1	$\frac{v^2}{u^2 \tan (w)}$	R	R	T	CDI
11964	9400	1	$\frac{u^2 \tan (w) \pi}{v^2}$	R	R	T	CDF
11965	9401	1	$\frac{v^2}{u^2 \tan (w) \pi}$	R	R	T	CDIF
11966	9402	1	$\frac{u^4 (\tan (w))^2}{v^4}$	R	R	T	AB
11967	9403	1	$\sqrt{\frac{u^2 \tan (w)}{v^2}}$	R	R	T	R
11968	9404	1	$\frac{u^6 (\tan (w))^3}{v^6}$	R	R	T	K
11969	9405	1	$e^{\frac{u^2 \tan (w)}{v^2}}$	R	R	T	E
11970	9406	1	$\log \left(\frac{u^2 \tan (w)}{v^2} \right)$	R	R	T	L

11971	9407	1	$\arcsin\left(\frac{u^2 \tan(w)}{v^2}\right)$	R	R	T	S
11972	9408	1	$\arctan\left(\frac{u^2 \tan(w)}{v^2}\right)$	R	R	T	T
11973	9409	1	$\sqrt{-\frac{v^4 + u^4 (\tan(w))^2}{v^4}}$	R	R	T	P
11974	9410	1	$\sqrt{\frac{v^4 + u^4 (\tan(w))^2}{v^4}}$	R	R	T	H
11975	9411	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{v^2}$	R	R	P	CD
11976	9412	1	$\frac{v^2}{u^2 \sqrt{1-w^2}}$	R	R	P	CDI
11977	9413	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{v^2}$	R	R	P	CDF
11978	9414	1	$\frac{v^2}{u^2 \sqrt{1-w^2}\pi}$	R	R	P	CDIF
11979	9415	1	$-\frac{u^4 (-1+w^2)}{v^4}$	R	R	P	AB
11980	9416	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{v^2}}$	R	R	P	R
11981	9417	1	$\frac{u^6 (1-w^2)^{3/2}}{v^6}$	R	R	P	K
11982	9418	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{v^2}}$	R	R	P	E
11983	9419	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{v^2}\right)$	R	R	P	L
11984	9420	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{v^2}\right)$	R	R	P	S

11985	9421	1	$\arctan\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{v^2}\right)$	R	R	P	T
11986	9422	1	$\sqrt{\frac{v^4 - u^4 + u^4 w^2}{v^4}}$	R	R	P	P
11987	9422	2	$\sqrt{\frac{v^4 - u^4 + u^4 w^2}{v^4}}$	R	R	H	H
11988	9423	1	$\sqrt{-\frac{-v^4 - u^4 + u^4 w^2}{v^4}}$	R	R	P	H
11989	9423	2	$\sqrt{-\frac{-v^4 - u^4 + u^4 w^2}{v^4}}$	R	R	H	P
11990	9424	1	$\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}$	R	R	H	CD
11991	9425	1	$\frac{v^2}{u^2\sqrt{-1+w^2}}$	R	R	H	CDI
11992	9426	1	$\frac{u^2\sqrt{(w-1)(w+1)}\pi}{v^2}$	R	R	H	CDF
11993	9427	1	$\frac{v^2}{u^2\sqrt{-1+w^2}\pi}$	R	R	H	CDIF
11994	9428	1	$\frac{u^4(-1+w^2)}{v^4}$	R	R	H	AB
11995	9429	1	$\sqrt{\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}}$	R	R	H	R
11996	9430	1	$\frac{u^6(-1+w^2)^{3/2}}{v^6}$	R	R	H	K
11997	9431	1	$e^{\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}}$	R	R	H	E
11998	9432	1	$\log\left(\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}\right)$	R	R	H	L

11999	9433	1	$\arcsin\left(\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}\right)$	R	R	H	S
12000	9434	1	$\arctan\left(\frac{u^2\sqrt{(w-1)(w+1)}}{v^2}\right)$	R	R	H	T
12001	9435	1	$\frac{u^2w}{\sqrt[3]{v}}$	R	K	CD	CD
12002	9435	2	$\frac{u^2w}{\sqrt[3]{v}}$	R	K	CDF	CDF
12003	9436	1	$\frac{\sqrt[3]{v}}{u^2w}$	R	K	CD	CDI
12004	9436	2	$\frac{\sqrt[3]{v}}{u^2w}$	R	K	CDF	CDIF
12005	9437	1	$\frac{u^2w\pi}{\sqrt[3]{v}}$	R	K	CD	CDF
12006	9438	1	$\frac{\sqrt[3]{v}}{u^2w\pi}$	R	K	CD	CDIF
12007	9439	1	$\frac{u^4w^2}{v^{2/3}}$	R	K	CD	AB
12008	9440	1	$\sqrt{\frac{u^2w}{\sqrt[3]{v}}}$	R	K	CD	R
12009	9441	1	$\frac{u^6w^3}{v}$	R	K	CD	K
12010	9442	1	$e^{\frac{u^2w}{\sqrt[3]{v}}}$	R	K	CD	E
12011	9443	1	$\log\left(\frac{u^2w}{\sqrt[3]{v}}\right)$	R	K	CD	L
12012	9444	1	$\arcsin\left(\frac{u^2w}{\sqrt[3]{v}}\right)$	R	K	CD	S
12013	9445	1	$\arctan\left(\frac{u^2w}{\sqrt[3]{v}}\right)$	R	K	CD	T

12014	9446	1	$\sqrt{-\frac{v^{2/3} + u^4 w^2}{v^{2/3}}}$	R	K	CD	P
12015	9447	1	$\sqrt{\frac{v^{2/3} + u^4 w^2}{v^{2/3}}}$	R	K	CD	H
12016	9448	1	$\frac{u^2}{\sqrt[3]{vw}}$	R	K	CDI	CD
12017	9448	2	$\frac{u^2}{\sqrt[3]{vw}}$	R	K	CDIF	CDF
12018	9449	1	$\frac{\sqrt[3]{vw}}{u^2}$	R	K	CDI	CDI
12019	9449	2	$\frac{\sqrt[3]{vw}}{u^2}$	R	K	CDIF	CDIF
12020	9450	1	$\frac{u^2 \pi}{\sqrt[3]{vw}}$	R	K	CDI	CDF
12021	9451	1	$\frac{\sqrt[3]{vw}}{u^2 \pi}$	R	K	CDI	CDIF
12022	9452	1	$\frac{u^4}{v^{2/3} w^2}$	R	K	CDI	AB
12023	9453	1	$\sqrt{\frac{u^2}{\sqrt[3]{vw}}}$	R	K	CDI	R
12024	9454	1	$\frac{u^6}{vw^3}$	R	K	CDI	K
12025	9455	1	$e^{\frac{u^2}{\sqrt[3]{vw}}}$	R	K	CDI	E
12026	9456	1	$\log\left(\frac{u^2}{\sqrt[3]{vw}}\right)$	R	K	CDI	L
12027	9457	1	$\arcsin\left(\frac{u^2}{\sqrt[3]{vw}}\right)$	R	K	CDI	S
12028	9458	1	$\arctan\left(\frac{u^2}{\sqrt[3]{vw}}\right)$	R	K	CDI	T

12029	9459	1	$\sqrt{-\frac{v^{2/3}w^2 + u^4}{v^{2/3}w^2}}$	R	K	CDI	P
12030	9460	1	$\sqrt{\frac{v^{2/3}w^2 + u^4}{v^{2/3}w^2}}$	R	K	CDI	H
12031	9461	1	$\frac{u^2w}{\sqrt[3]{v\pi}}$	R	K	CDF	CD
12032	9462	1	$\frac{\sqrt[3]{v\pi}}{u^2w}$	R	K	CDF	CDI
12033	9463	1	$\frac{u^4w^2}{v^{2/3}\pi^2}$	R	K	CDF	AB
12034	9464	1	$\sqrt{\frac{u^2w}{\sqrt[3]{v\pi}}}$	R	K	CDF	R
12035	9465	1	$\frac{u^6w^3}{v\pi^3}$	R	K	CDF	K
12036	9466	1	$e^{\frac{u^2w}{\sqrt[3]{v\pi}}}$	R	K	CDF	E
12037	9467	1	$\log\left(\frac{u^2w}{\sqrt[3]{v\pi}}\right)$	R	K	CDF	L
12038	9468	1	$\arcsin\left(\frac{u^2w}{\sqrt[3]{v\pi}}\right)$	R	K	CDF	S
12039	9469	1	$\arctan\left(\frac{u^2w}{\sqrt[3]{v\pi}}\right)$	R	K	CDF	T
12040	9470	1	$\sqrt{-\frac{v^{2/3}\pi^2 + u^4w^2}{v^{2/3}\pi^2}}$	R	K	CDF	P
12041	9471	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^4w^2}{v^{2/3}\pi^2}}$	R	K	CDF	H
12042	9472	1	$\frac{u^2}{\sqrt[3]{vw\pi}}$	R	K	CDIF	CD
12043	9473	1	$\frac{\sqrt[3]{vw\pi}}{u^2}$	R	K	CDIF	CDI

12044	9474	1	$\frac{u^4}{v^{2/3}w^2\pi^2}$	R	K	CDIF	AB
12045	9475	1	$\sqrt{\frac{u^2}{\sqrt[3]{vw}\pi}}$	R	K	CDIF	R
12046	9476	1	$\frac{u^6}{vw^3\pi^3}$	R	K	CDIF	K
12047	9477	1	$e^{\frac{u^2}{\sqrt[3]{vw}\pi}}$	R	K	CDIF	E
12048	9478	1	$\log\left(\frac{u^2}{\sqrt[3]{vw}\pi}\right)$	R	K	CDIF	L
12049	9479	1	$\arcsin\left(\frac{u^2}{\sqrt[3]{vw}\pi}\right)$	R	K	CDIF	S
12050	9480	1	$\arctan\left(\frac{u^2}{\sqrt[3]{vw}\pi}\right)$	R	K	CDIF	T
12051	9481	1	$\sqrt{-\frac{v^{2/3}w^2\pi^2 + u^4}{v^{2/3}w^2\pi^2}}$	R	K	CDIF	P
12052	9482	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + u^4}{v^{2/3}w^2\pi^2}}$	R	K	CDIF	H
12053	9483	1	$\frac{u^2\sqrt{w}}{\sqrt[3]{v}}$	R	K	AB	CD
12054	9484	1	$\frac{\sqrt[3]{v}}{u^2\sqrt{w}}$	R	K	AB	CDI
12055	9485	1	$\frac{u^2\sqrt{w}\pi}{\sqrt[3]{v}}$	R	K	AB	CDF
12056	9486	1	$\frac{\sqrt[3]{v}}{u^2\sqrt{w}\pi}$	R	K	AB	CDIF
12057	9487	1	$\frac{u^4w}{v^{2/3}}$	R	K	AB	AB

12058	9488	1	$\sqrt{\frac{u^2\sqrt{w}}{\sqrt[3]{v}}}$	R	K	AB	R
12059	9489	1	$\frac{u^6w^{3/2}}{v}$	R	K	AB	K
12060	9490	1	$e^{\frac{u^2\sqrt{w}}{\sqrt[3]{v}}}$	R	K	AB	E
12061	9491	1	$\log\left(\frac{u^2\sqrt{w}}{\sqrt[3]{v}}\right)$	R	K	AB	L
12062	9492	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\sqrt[3]{v}}\right)$	R	K	AB	S
12063	9493	1	$\arctan\left(\frac{u^2\sqrt{w}}{\sqrt[3]{v}}\right)$	R	K	AB	T
12064	9494	1	$\sqrt{-\frac{v^{2/3}+u^4w}{v^{2/3}}}$	R	K	AB	P
12065	9495	1	$\sqrt{\frac{v^{2/3}+u^4w}{v^{2/3}}}$	R	K	AB	H
12066	9496	1	$\frac{u^2w^2}{\sqrt[3]{v}}$	R	K	R	CD
12067	9497	1	$\frac{\sqrt[3]{v}}{u^2w^2}$	R	K	R	CDI
12068	9498	1	$\frac{u^2w^2\pi}{\sqrt[3]{v}}$	R	K	R	CDF
12069	9499	1	$\frac{\sqrt[3]{v}}{u^2w^2\pi}$	R	K	R	CDIF
12070	9500	1	$\frac{u^4w^4}{v^{2/3}}$	R	K	R	AB
12071	9501	1	$\sqrt{\frac{u^2w^2}{\sqrt[3]{v}}}$	R	K	R	R

12072	9502	1	$\frac{u^6 w^6}{v}$	R	K	R	K
12073	9503	1	$e^{\frac{u^2 w^2}{\sqrt[3]{v}}}$	R	K	R	E
12074	9504	1	$\log\left(\frac{u^2 w^2}{\sqrt[3]{v}}\right)$	R	K	R	L
12075	9505	1	$\arcsin\left(\frac{u^2 w^2}{\sqrt[3]{v}}\right)$	R	K	R	S
12076	9506	1	$\arctan\left(\frac{u^2 w^2}{\sqrt[3]{v}}\right)$	R	K	R	T
12077	9507	1	$\sqrt{-\frac{v^{2/3} + u^4 w^4}{v^{2/3}}}$	R	K	R	P
12078	9508	1	$\sqrt{\frac{v^{2/3} + u^4 w^4}{v^{2/3}}}$	R	K	R	H
12079	9509	1	$\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}}$	R	K	K	CD
12080	9510	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt[3]{w}}$	R	K	K	CDI
12081	9511	1	$\frac{u^2 \sqrt[3]{w} \pi}{\sqrt[3]{v}}$	R	K	K	CDF
12082	9512	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt[3]{w} \pi}$	R	K	K	CDIF
12083	9513	1	$\frac{u^4 w^{2/3}}{v^{2/3}}$	R	K	K	AB
12084	9514	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}}}$	R	K	K	R
12085	9515	1	$\frac{u^6 w}{v}$	R	K	K	K
12086	9516	1	$e^{\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}}}$	R	K	K	E

12087	9517	1	$\log \left(\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}} \right)$	R	K	K	L
12088	9518	1	$\arcsin \left(\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}} \right)$	R	K	K	S
12089	9519	1	$\arctan \left(\frac{u^2 \sqrt[3]{w}}{\sqrt[3]{v}} \right)$	R	K	K	T
12090	9520	1	$\sqrt{-\frac{v^{2/3} + u^4 w^{2/3}}{v^{2/3}}}$	R	K	K	P
12091	9521	1	$\sqrt{\frac{v^{2/3} + u^4 w^{2/3}}{v^{2/3}}}$	R	K	K	H
12092	9522	1	$\frac{u^2 \ln(w)}{\sqrt[3]{v}}$	R	K	E	CD
12093	9523	1	$\frac{\sqrt[3]{v}}{u^2 \ln(w)}$	R	K	E	CDI
12094	9524	1	$\frac{u^2 \ln(w) \pi}{\sqrt[3]{v}}$	R	K	E	CDF
12095	9525	1	$\frac{\sqrt[3]{v}}{u^2 \ln(w) \pi}$	R	K	E	CDIF
12096	9526	1	$\frac{u^4 (\ln(w))^2}{v^{2/3}}$	R	K	E	AB
12097	9527	1	$\sqrt{\frac{u^2 \ln(w)}{\sqrt[3]{v}}}$	R	K	E	R
12098	9528	1	$\frac{u^6 (\ln(w))^3}{v}$	R	K	E	K
12099	9529	1	$w^{\frac{u^2}{\sqrt[3]{v}}}$	R	K	E	E
12100	9530	1	$\log \left(\frac{u^2 \ln(w)}{\sqrt[3]{v}} \right)$	R	K	E	L

12101	9531	1	$\arcsin\left(\frac{u^2 \ln(w)}{\sqrt[3]{v}}\right)$	R	K	E	S
12102	9532	1	$\arctan\left(\frac{u^2 \ln(w)}{\sqrt[3]{v}}\right)$	R	K	E	T
12103	9533	1	$\sqrt{-\frac{v^{2/3} + u^4 (\ln(w))^2}{v^{2/3}}}$	R	K	E	P
12104	9534	1	$\sqrt{\frac{v^{2/3} + u^4 (\ln(w))^2}{v^{2/3}}}$	R	K	E	H
12105	9535	1	$\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}$	R	K	L	CD
12106	9536	1	$\frac{\sqrt[3]{v}}{u^2 \text{Exp}(w)}$	R	K	L	CDI
12107	9537	1	$\frac{u^2 \text{Exp}(w) \pi}{\sqrt[3]{v}}$	R	K	L	CDF
12108	9538	1	$\frac{\sqrt[3]{v}}{u^2 \text{Exp}(w) \pi}$	R	K	L	CDIF
12109	9539	1	$\frac{u^4 (\text{Exp}(w))^2}{v^{2/3}}$	R	K	L	AB
12110	9540	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}}$	R	K	L	R
12111	9541	1	$\frac{u^6 (\text{Exp}(w))^3}{v}$	R	K	L	K
12112	9542	1	$e^{\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}}$	R	K	L	E
12113	9543	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}\right)$	R	K	L	L
12114	9544	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}\right)$	R	K	L	S

12115	9545	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\sqrt[3]{v}}\right)$	R	K	L	T
12116	9546	1	$\sqrt{-\frac{v^{2/3} + u^4 (\text{Exp}(w))^2}{v^{2/3}}}$	R	K	L	P
12117	9547	1	$\sqrt{\frac{v^{2/3} + u^4 (\text{Exp}(w))^2}{v^{2/3}}}$	R	K	L	H
12118	9548	1	$\frac{u^2 \sin(w)}{\sqrt[3]{v}}$	R	K	S	CD
12119	9549	1	$\frac{\sqrt[3]{v}}{u^2 \sin(w)}$	R	K	S	CDI
12120	9550	1	$\frac{u^2 \sin(w) \pi}{\sqrt[3]{v}}$	R	K	S	CDF
12121	9551	1	$\frac{\sqrt[3]{v}}{u^2 \sin(w) \pi}$	R	K	S	CDIF
12122	9552	1	$\frac{u^4 (\sin(w))^2}{v^{2/3}}$	R	K	S	AB
12123	9553	1	$\sqrt{\frac{u^2 \sin(w)}{\sqrt[3]{v}}}$	R	K	S	R
12124	9554	1	$\frac{u^6 (\sin(w))^3}{v}$	R	K	S	K
12125	9555	1	$e^{\frac{u^2 \sin(w)}{\sqrt[3]{v}}}$	R	K	S	E
12126	9556	1	$\log\left(\frac{u^2 \sin(w)}{\sqrt[3]{v}}\right)$	R	K	S	L
12127	9557	1	$\arcsin\left(\frac{u^2 \sin(w)}{\sqrt[3]{v}}\right)$	R	K	S	S
12128	9558	1	$\arctan\left(\frac{u^2 \sin(w)}{\sqrt[3]{v}}\right)$	R	K	S	T

12129	9559	1	$\sqrt{\frac{v^{2/3} + u^4 (\cos(w))^2 - u^4}{v^{2/3}}}$	R	K	S	P
12130	9560	1	$\sqrt{-\frac{v^{2/3} + u^4 (\cos(w))^2 - u^4}{v^{2/3}}}$	R	K	S	H
12131	9561	1	$\frac{u^2 \tan(w)}{\sqrt[3]{v}}$	R	K	T	CD
12132	9562	1	$\frac{\sqrt[3]{v}}{u^2 \tan(w)}$	R	K	T	CDI
12133	9563	1	$\frac{u^2 \tan(w) \pi}{\sqrt[3]{v}}$	R	K	T	CDF
12134	9564	1	$\frac{\sqrt[3]{v}}{u^2 \tan(w) \pi}$	R	K	T	CDIF
12135	9565	1	$\frac{u^4 (\tan(w))^2}{v^{2/3}}$	R	K	T	AB
12136	9566	1	$\sqrt{\frac{u^2 \tan(w)}{\sqrt[3]{v}}}$	R	K	T	R
12137	9567	1	$\frac{u^6 (\tan(w))^3}{v}$	R	K	T	K
12138	9568	1	$e^{\frac{u^2 \tan(w)}{\sqrt[3]{v}}}$	R	K	T	E
12139	9569	1	$\log\left(\frac{u^2 \tan(w)}{\sqrt[3]{v}}\right)$	R	K	T	L
12140	9570	1	$\arcsin\left(\frac{u^2 \tan(w)}{\sqrt[3]{v}}\right)$	R	K	T	S
12141	9571	1	$\arctan\left(\frac{u^2 \tan(w)}{\sqrt[3]{v}}\right)$	R	K	T	T
12142	9572	1	$\sqrt{-\frac{v^{2/3} + u^4 (\tan(w))^2}{v^{2/3}}}$	R	K	T	P

12143	9573	1	$\sqrt{\frac{v^{2/3} + u^4 (\tan(w))^2}{v^{2/3}}}$	R	K	T	H
12144	9574	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}$	R	K	P	CD
12145	9575	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt{1-w^2}}$	R	K	P	CDI
12146	9576	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{\sqrt[3]{v}}$	R	K	P	CDF
12147	9577	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt{1-w^2}\pi}$	R	K	P	CDIF
12148	9578	1	$-\frac{u^4 (-1+w^2)}{v^{2/3}}$	R	K	P	AB
12149	9579	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}}$	R	K	P	R
12150	9580	1	$\frac{u^6 (1-w^2)^{3/2}}{v}$	R	K	P	K
12151	9581	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}}$	R	K	P	E
12152	9582	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	P	L
12153	9583	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	P	S
12154	9584	1	$\arctan\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	P	T
12155	9585	1	$\sqrt{\frac{v^{2/3} - u^4 + u^4 w^2}{v^{2/3}}}$	R	K	P	P
12156	9585	2	$\sqrt{\frac{v^{2/3} - u^4 + u^4 w^2}{v^{2/3}}}$	R	K	H	H

12157	9586	1	$\sqrt{-\frac{v^{2/3} - u^4 + u^4 w^2}{v^{2/3}}}$	R	K	P	H
12158	9586	2	$\sqrt{-\frac{v^{2/3} - u^4 + u^4 w^2}{v^{2/3}}}$	R	K	H	P
12159	9587	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}$	R	K	H	CD
12160	9588	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt{-1+w^2}}$	R	K	H	CDI
12161	9589	1	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{\sqrt[3]{v}}$	R	K	H	CDF
12162	9590	1	$\frac{\sqrt[3]{v}}{u^2 \sqrt{-1+w^2}\pi}$	R	K	H	CDIF
12163	9591	1	$\frac{u^4 (-1+w^2)}{v^{2/3}}$	R	K	H	AB
12164	9592	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}}$	R	K	H	R
12165	9593	1	$\frac{u^6 (-1+w^2)^{3/2}}{v}$	R	K	H	K
12166	9594	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}}$	R	K	H	E
12167	9595	1	$\log\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	H	L
12168	9596	1	$\arcsin\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	H	S
12169	9597	1	$\arctan\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt[3]{v}}\right)$	R	K	H	T
12170	9598	1	$\frac{u^2 w}{\ln(v)}$	R	E	CD	CD
12171	9598	2	$\frac{u^2 w}{\ln(v)}$	R	E	CDF	CDF

12172	9599	1	$\frac{\ln(v)}{u^2 w}$	R	E	CD	CDI
12173	9599	2	$\frac{\ln(v)}{u^2 w}$	R	E	CDF	CDIF
12174	9600	1	$\frac{u^2 w \pi}{\ln(v)}$	R	E	CD	CDF
12175	9601	1	$\frac{\ln(v)}{u^2 w \pi}$	R	E	CD	CDIF
12176	9602	1	$\frac{u^4 w^2}{(\ln(v))^2}$	R	E	CD	AB
12177	9603	1	$\sqrt{\frac{u^2 w}{\ln(v)}}$	R	E	CD	R
12178	9604	1	$\frac{u^6 w^3}{(\ln(v))^3}$	R	E	CD	K
12179	9605	1	$e^{\frac{u^2 w}{\ln(v)}}$	R	E	CD	E
12180	9606	1	$\log\left(\frac{u^2 w}{\ln(v)}\right)$	R	E	CD	L
12181	9607	1	$\arcsin\left(\frac{u^2 w}{\ln(v)}\right)$	R	E	CD	S
12182	9608	1	$\arctan\left(\frac{u^2 w}{\ln(v)}\right)$	R	E	CD	T
12183	9609	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 w^2}{(\ln(v))^2}}$	R	E	CD	P
12184	9610	1	$\sqrt{\frac{(\ln(v))^2 + u^4 w^2}{(\ln(v))^2}}$	R	E	CD	H
12185	9611	1	$\frac{u^2}{\ln(v) w}$	R	E	CDI	CD
12186	9611	2	$\frac{u^2}{\ln(v) w}$	R	E	CDIF	CDF

12187	9612	1	$\frac{\ln(v) w}{u^2}$	R	E	CDI	CDI
12188	9612	2	$\frac{\ln(v) w}{u^2}$	R	E	CDIF	CDIF
12189	9613	1	$\frac{u^2 \pi}{\ln(v) w}$	R	E	CDI	CDF
12190	9614	1	$\frac{\ln(v) w}{u^2 \pi}$	R	E	CDI	CDIF
12191	9615	1	$\frac{u^4}{(\ln(v))^2 w^2}$	R	E	CDI	AB
12192	9616	1	$\sqrt{\frac{u^2}{\ln(v) w}}$	R	E	CDI	R
12193	9617	1	$\frac{u^6}{(\ln(v))^3 w^3}$	R	E	CDI	K
12194	9618	1	$e^{\frac{u^2}{\ln(v) w}}$	R	E	CDI	E
12195	9619	1	$\log\left(\frac{u^2}{\ln(v) w}\right)$	R	E	CDI	L
12196	9620	1	$\arcsin\left(\frac{u^2}{\ln(v) w}\right)$	R	E	CDI	S
12197	9621	1	$\arctan\left(\frac{u^2}{\ln(v) w}\right)$	R	E	CDI	T
12198	9622	1	$\sqrt{-\frac{(\ln(v))^2 w^2 + u^4}{(\ln(v))^2 w^2}}$	R	E	CDI	P
12199	9623	1	$\sqrt{\frac{(\ln(v))^2 w^2 + u^4}{(\ln(v))^2 w^2}}$	R	E	CDI	H
12200	9624	1	$\frac{u^2 w}{\ln(v) \pi}$	R	E	CDF	CD

12201	9625	1	$\frac{\ln(v) \pi}{u^2 w}$	R	E	CDF	CDI
12202	9626	1	$\frac{u^4 w^2}{(\ln(v))^2 \pi^2}$	R	E	CDF	AB
12203	9627	1	$\sqrt{\frac{u^2 w}{\ln(v) \pi}}$	R	E	CDF	R
12204	9628	1	$\frac{u^6 w^3}{(\ln(v))^3 \pi^3}$	R	E	CDF	K
12205	9629	1	$e^{\frac{u^2 w}{\ln(v) \pi}}$	R	E	CDF	E
12206	9630	1	$\log\left(\frac{u^2 w}{\ln(v) \pi}\right)$	R	E	CDF	L
12207	9631	1	$\arcsin\left(\frac{u^2 w}{\ln(v) \pi}\right)$	R	E	CDF	S
12208	9632	1	$\arctan\left(\frac{u^2 w}{\ln(v) \pi}\right)$	R	E	CDF	T
12209	9633	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 + u^4 w^2}{(\ln(v))^2 \pi^2}}$	R	E	CDF	P
12210	9634	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + u^4 w^2}{(\ln(v))^2 \pi^2}}$	R	E	CDF	H
12211	9635	1	$\frac{u^2}{\ln(v) w \pi}$	R	E	CDIF	CD
12212	9636	1	$\frac{\ln(v) w \pi}{u^2}$	R	E	CDIF	CDI
12213	9637	1	$\frac{u^4}{(\ln(v))^2 w^2 \pi^2}$	R	E	CDIF	AB
12214	9638	1	$\sqrt{\frac{u^2}{\ln(v) w \pi}}$	R	E	CDIF	R

12215	9639	1	$\frac{u^6}{(\ln(v))^3 w^3 \pi^3}$	R	E	CDIF	K
12216	9640	1	$e^{\frac{u^2}{\ln(v) w \pi}}$	R	E	CDIF	E
12217	9641	1	$\log\left(\frac{u^2}{\ln(v) w \pi}\right)$	R	E	CDIF	L
12218	9642	1	$\arcsin\left(\frac{u^2}{\ln(v) w \pi}\right)$	R	E	CDIF	S
12219	9643	1	$\arctan\left(\frac{u^2}{\ln(v) w \pi}\right)$	R	E	CDIF	T
12220	9644	1	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 + u^4}{(\ln(v))^2 w^2 \pi^2}}$	R	E	CDIF	P
12221	9645	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + u^4}{(\ln(v))^2 w^2 \pi^2}}$	R	E	CDIF	H
12222	9646	1	$\frac{u^2 \sqrt{w}}{\ln(v)}$	R	E	AB	CD
12223	9647	1	$\frac{\ln(v)}{u^2 \sqrt{w}}$	R	E	AB	CDI
12224	9648	1	$\frac{u^2 \sqrt{w} \pi}{\ln(v)}$	R	E	AB	CDF
12225	9649	1	$\frac{\ln(v)}{u^2 \sqrt{w} \pi}$	R	E	AB	CDIF
12226	9650	1	$\frac{u^4 w}{(\ln(v))^2}$	R	E	AB	AB
12227	9651	1	$\sqrt{\frac{u^2 \sqrt{w}}{\ln(v)}}$	R	E	AB	R
12228	9652	1	$\frac{u^6 w^{3/2}}{(\ln(v))^3}$	R	E	AB	K
12229	9653	1	$e^{\frac{u^2 \sqrt{w}}{\ln(v)}}$	R	E	AB	E

12230	9654	1	$\log\left(\frac{u^2\sqrt{w}}{\ln(v)}\right)$	R	E	AB	L
12231	9655	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\ln(v)}\right)$	R	E	AB	S
12232	9656	1	$\arctan\left(\frac{u^2\sqrt{w}}{\ln(v)}\right)$	R	E	AB	T
12233	9657	1	$\sqrt{-\frac{(\ln(v))^2 + u^4w}{(\ln(v))^2}}$	R	E	AB	P
12234	9658	1	$\sqrt{\frac{(\ln(v))^2 + u^4w}{(\ln(v))^2}}$	R	E	AB	H
12235	9659	1	$\frac{u^2w^2}{\ln(v)}$	R	E	R	CD
12236	9660	1	$\frac{\ln(v)}{u^2w^2}$	R	E	R	CDI
12237	9661	1	$\frac{u^2w^2\pi}{\ln(v)}$	R	E	R	CDF
12238	9662	1	$\frac{\ln(v)}{u^2w^2\pi}$	R	E	R	CDIF
12239	9663	1	$\frac{u^4w^4}{(\ln(v))^2}$	R	E	R	AB
12240	9664	1	$\sqrt{\frac{u^2w^2}{\ln(v)}}$	R	E	R	R
12241	9665	1	$\frac{u^6w^6}{(\ln(v))^3}$	R	E	R	K
12242	9666	1	$e^{\frac{u^2w^2}{\ln(v)}}$	R	E	R	E
12243	9667	1	$\log\left(\frac{u^2w^2}{\ln(v)}\right)$	R	E	R	L

12244	9668	1	$\arcsin\left(\frac{u^2 w^2}{\ln(v)}\right)$	R	E	R	S
12245	9669	1	$\arctan\left(\frac{u^2 w^2}{\ln(v)}\right)$	R	E	R	T
12246	9670	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 w^4}{(\ln(v))^2}}$	R	E	R	P
12247	9671	1	$\sqrt{\frac{(\ln(v))^2 + u^4 w^4}{(\ln(v))^2}}$	R	E	R	H
12248	9672	1	$\frac{u^2 \sqrt[3]{w}}{\ln(v)}$	R	E	K	CD
12249	9673	1	$\frac{\ln(v)}{u^2 \sqrt[3]{w}}$	R	E	K	CDI
12250	9674	1	$\frac{u^2 \sqrt[3]{w} \pi}{\ln(v)}$	R	E	K	CDF
12251	9675	1	$\frac{\ln(v)}{u^2 \sqrt[3]{w} \pi}$	R	E	K	CDIF
12252	9676	1	$\frac{u^4 w^{2/3}}{(\ln(v))^2}$	R	E	K	AB
12253	9677	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\ln(v)}}$	R	E	K	R
12254	9678	1	$\frac{u^6 w}{(\ln(v))^3}$	R	E	K	K
12255	9679	1	$e^{\frac{u^2 \sqrt[3]{w}}{\ln(v)}}$	R	E	K	E
12256	9680	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{\ln(v)}\right)$	R	E	K	L
12257	9681	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{\ln(v)}\right)$	R	E	K	S
12258	9682	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{\ln(v)}\right)$	R	E	K	T

12259	9683	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 w^{2/3}}{(\ln(v))^2}}$	R	E	K	P
12260	9684	1	$\sqrt{\frac{(\ln(v))^2 + u^4 w^{2/3}}{(\ln(v))^2}}$	R	E	K	H
12261	9685	1	$\frac{u^2 \ln(w)}{\ln(v)}$	R	E	E	CD
12262	9686	1	$\frac{\ln(v)}{u^2 \ln(w)}$	R	E	E	CDI
12263	9687	1	$\frac{u^2 \ln(w) \pi}{\ln(v)}$	R	E	E	CDF
12264	9688	1	$\frac{\ln(v)}{u^2 \ln(w) \pi}$	R	E	E	CDIF
12265	9689	1	$\frac{u^4 (\ln(w))^2}{(\ln(v))^2}$	R	E	E	AB
12266	9690	1	$\sqrt{\frac{u^2 \ln(w)}{\ln(v)}}$	R	E	E	R
12267	9691	1	$\frac{u^6 (\ln(w))^3}{(\ln(v))^3}$	R	E	E	K
12268	9692	1	$w^{\frac{u^2}{\ln(v)}}$	R	E	E	E
12269	9693	1	$\log\left(\frac{u^2 \ln(w)}{\ln(v)}\right)$	R	E	E	L
12270	9694	1	$\arcsin\left(\frac{u^2 \ln(w)}{\ln(v)}\right)$	R	E	E	S
12271	9695	1	$\arctan\left(\frac{u^2 \ln(w)}{\ln(v)}\right)$	R	E	E	T
12272	9696	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 (\ln(w))^2}{(\ln(v))^2}}$	R	E	E	P

12273	9697	1	$\sqrt{\frac{(\ln(v))^2 + u^4 (\ln(w))^2}{(\ln(v))^2}}$	R	E	E	H
12274	9698	1	$\frac{u^2 \text{Exp}(w)}{\ln(v)}$	R	E	L	CD
12275	9699	1	$\frac{\ln(v)}{u^2 \text{Exp}(w)}$	R	E	L	CDI
12276	9700	1	$\frac{u^2 \text{Exp}(w) \pi}{\ln(v)}$	R	E	L	CDF
12277	9701	1	$\frac{\ln(v)}{u^2 \text{Exp}(w) \pi}$	R	E	L	CDIF
12278	9702	1	$\frac{u^4 (\text{Exp}(w))^2}{(\ln(v))^2}$	R	E	L	AB
12279	9703	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\ln(v)}}$	R	E	L	R
12280	9704	1	$\frac{u^6 (\text{Exp}(w))^3}{(\ln(v))^3}$	R	E	L	K
12281	9705	1	$e^{\frac{u^2 \text{Exp}(w)}{\ln(v)}}$	R	E	L	E
12282	9706	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\ln(v)}\right)$	R	E	L	L
12283	9707	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\ln(v)}\right)$	R	E	L	S
12284	9708	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\ln(v)}\right)$	R	E	L	T
12285	9709	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 (\text{Exp}(w))^2}{(\ln(v))^2}}$	R	E	L	P
12286	9710	1	$\sqrt{\frac{(\ln(v))^2 + u^4 (\text{Exp}(w))^2}{(\ln(v))^2}}$	R	E	L	H

12287	9711	1	$\frac{u^2 \sin(w)}{\ln(v)}$	R	E	S	CD
12288	9712	1	$\frac{\ln(v)}{u^2 \sin(w)}$	R	E	S	CDI
12289	9713	1	$\frac{u^2 \sin(w) \pi}{\ln(v)}$	R	E	S	CDF
12290	9714	1	$\frac{\ln(v)}{u^2 \sin(w) \pi}$	R	E	S	CDIF
12291	9715	1	$\frac{u^4 (\sin(w))^2}{(\ln(v))^2}$	R	E	S	AB
12292	9716	1	$\sqrt{\frac{u^2 \sin(w)}{\ln(v)}}$	R	E	S	R
12293	9717	1	$\frac{u^6 (\sin(w))^3}{(\ln(v))^3}$	R	E	S	K
12294	9718	1	$e^{\frac{u^2 \sin(w)}{\ln(v)}}$	R	E	S	E
12295	9719	1	$\log\left(\frac{u^2 \sin(w)}{\ln(v)}\right)$	R	E	S	L
12296	9720	1	$\arcsin\left(\frac{u^2 \sin(w)}{\ln(v)}\right)$	R	E	S	S
12297	9721	1	$\arctan\left(\frac{u^2 \sin(w)}{\ln(v)}\right)$	R	E	S	T
12298	9722	1	$\sqrt{\frac{(\ln(v))^2 - u^4 + u^4 (\cos(w))^2}{(\ln(v))^2}}$	R	E	S	P
12299	9723	1	$\sqrt{-\frac{(\ln(v))^2 - u^4 + u^4 (\cos(w))^2}{(\ln(v))^2}}$	R	E	S	H
12300	9724	1	$\frac{u^2 \tan(w)}{\ln(v)}$	R	E	T	CD

12301	9725	1	$\frac{\ln(v)}{u^2 \tan(w)}$	R	E	T	CDI
12302	9726	1	$\frac{u^2 \tan(w) \pi}{\ln(v)}$	R	E	T	CDF
12303	9727	1	$\frac{\ln(v)}{u^2 \tan(w) \pi}$	R	E	T	CDIF
12304	9728	1	$\frac{u^4 (\tan(w))^2}{(\ln(v))^2}$	R	E	T	AB
12305	9729	1	$\sqrt{\frac{u^2 \tan(w)}{\ln(v)}}$	R	E	T	R
12306	9730	1	$\frac{u^6 (\tan(w))^3}{(\ln(v))^3}$	R	E	T	K
12307	9731	1	$e^{\frac{u^2 \tan(w)}{\ln(v)}}$	R	E	T	E
12308	9732	1	$\log\left(\frac{u^2 \tan(w)}{\ln(v)}\right)$	R	E	T	L
12309	9733	1	$\arcsin\left(\frac{u^2 \tan(w)}{\ln(v)}\right)$	R	E	T	S
12310	9734	1	$\arctan\left(\frac{u^2 \tan(w)}{\ln(v)}\right)$	R	E	T	T
12311	9735	1	$\sqrt{-\frac{(\ln(v))^2 + u^4 (\tan(w))^2}{(\ln(v))^2}}$	R	E	T	P
12312	9736	1	$\sqrt{\frac{(\ln(v))^2 + u^4 (\tan(w))^2}{(\ln(v))^2}}$	R	E	T	H
12313	9737	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}$	R	E	P	CD
12314	9738	1	$\frac{\ln(v)}{u^2 \sqrt{1-w^2}}$	R	E	P	CDI

12315	9739	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{\ln(v)}$	R	E	P	CDF
12316	9740	1	$\frac{\ln(v)}{u^2 \sqrt{1-w^2}\pi}$	R	E	P	CDIF
12317	9741	1	$-\frac{u^4(-1+w^2)}{(\ln(v))^2}$	R	E	P	AB
12318	9742	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}}$	R	E	P	R
12319	9743	1	$\frac{u^6(1-w^2)^{3/2}}{(\ln(v))^3}$	R	E	P	K
12320	9744	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}}$	R	E	P	E
12321	9745	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}\right)$	R	E	P	L
12322	9746	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}\right)$	R	E	P	S
12323	9747	1	$\arctan\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\ln(v)}\right)$	R	E	P	T
12324	9748	1	$\sqrt{\frac{(\ln(v))^2 - u^4 + u^4 w^2}{(\ln(v))^2}}$	R	E	P	P
12325	9748	2	$\sqrt{\frac{(\ln(v))^2 - u^4 + u^4 w^2}{(\ln(v))^2}}$	R	E	H	H
12326	9749	1	$\sqrt{-\frac{(\ln(v))^2 - u^4 + u^4 w^2}{(\ln(v))^2}}$	R	E	P	H
12327	9749	2	$\sqrt{-\frac{(\ln(v))^2 - u^4 + u^4 w^2}{(\ln(v))^2}}$	R	E	H	P
12328	9750	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\ln(v)}$	R	E	H	CD

12329	9751	1	$\frac{\ln(v)}{u^2\sqrt{-1+w^2}}$	R	E	H	CDI
12330	9752	1	$\frac{u^2\sqrt{(w-1)(w+1)}\pi}{\ln(v)}$	R	E	H	CDF
12331	9753	1	$\frac{\ln(v)}{u^2\sqrt{-1+w^2}\pi}$	R	E	H	CDIF
12332	9754	1	$\frac{u^4(-1+w^2)}{(\ln(v))^2}$	R	E	H	AB
12333	9755	1	$\sqrt{\frac{u^2\sqrt{(w-1)(w+1)}}{\ln(v)}}$	R	E	H	R
12334	9756	1	$\frac{u^6(-1+w^2)^{3/2}}{(\ln(v))^3}$	R	E	H	K
12335	9757	1	$e^{\frac{u^2\sqrt{(w-1)(w+1)}}{\ln(v)}}$	R	E	H	E
12336	9758	1	$\log\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\ln(v)}\right)$	R	E	H	L
12337	9759	1	$\arcsin\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\ln(v)}\right)$	R	E	H	S
12338	9760	1	$\arctan\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\ln(v)}\right)$	R	E	H	T
12339	9761	1	$\frac{u^2w}{Exp(v)}$	R	L	CD	CD
12340	9761	2	$\frac{u^2w}{Exp(v)}$	R	L	CDF	CDF
12341	9762	1	$\frac{Exp(v)}{u^2w}$	R	L	CD	CDI
12342	9762	2	$\frac{Exp(v)}{u^2w}$	R	L	CDF	CDIF
12343	9763	1	$\frac{u^2w\pi}{Exp(v)}$	R	L	CD	CDF

12344	9764	1	$\frac{Exp(v)}{u^2 w \pi}$	R	L	CD	CDIF
12345	9765	1	$\frac{u^4 w^2}{(Exp(v))^2}$	R	L	CD	AB
12346	9766	1	$\sqrt{\frac{u^2 w}{Exp(v)}}$	R	L	CD	R
12347	9767	1	$\frac{u^6 w^3}{(Exp(v))^3}$	R	L	CD	K
12348	9768	1	$e^{\frac{u^2 w}{Exp(v)}}$	R	L	CD	E
12349	9769	1	$\log\left(\frac{u^2 w}{Exp(v)}\right)$	R	L	CD	L
12350	9770	1	$\arcsin\left(\frac{u^2 w}{Exp(v)}\right)$	R	L	CD	S
12351	9771	1	$\arctan\left(\frac{u^2 w}{Exp(v)}\right)$	R	L	CD	T
12352	9772	1	$\sqrt{-\frac{(Exp(v))^2 + u^4 w^2}{(Exp(v))^2}}$	R	L	CD	P
12353	9773	1	$\sqrt{\frac{(Exp(v))^2 + u^4 w^2}{(Exp(v))^2}}$	R	L	CD	H
12354	9774	1	$\frac{u^2}{Exp(v) w}$	R	L	CDI	CD
12355	9774	2	$\frac{u^2}{Exp(v) w}$	R	L	CDIF	CDF
12356	9775	1	$\frac{Exp(v) w}{u^2}$	R	L	CDI	CDI
12357	9775	2	$\frac{Exp(v) w}{u^2}$	R	L	CDIF	CDIF
12358	9776	1	$\frac{u^2 \pi}{Exp(v) w}$	R	L	CDI	CDF

12359	9777	1	$\frac{Exp(v) w}{u^2 \pi}$	R	L	CDI	CDIF
12360	9778	1	$\frac{u^4}{(Exp(v))^2 w^2}$	R	L	CDI	AB
12361	9779	1	$\sqrt{\frac{u^2}{Exp(v) w}}$	R	L	CDI	R
12362	9780	1	$\frac{u^6}{(Exp(v))^3 w^3}$	R	L	CDI	K
12363	9781	1	$e^{\frac{u^2}{Exp(v) w}}$	R	L	CDI	E
12364	9782	1	$\log\left(\frac{u^2}{Exp(v) w}\right)$	R	L	CDI	L
12365	9783	1	$\arcsin\left(\frac{u^2}{Exp(v) w}\right)$	R	L	CDI	S
12366	9784	1	$\arctan\left(\frac{u^2}{Exp(v) w}\right)$	R	L	CDI	T
12367	9785	1	$\sqrt{-\frac{(Exp(v))^2 w^2 + u^4}{(Exp(v))^2 w^2}}$	R	L	CDI	P
12368	9786	1	$\sqrt{\frac{(Exp(v))^2 w^2 + u^4}{(Exp(v))^2 w^2}}$	R	L	CDI	H
12369	9787	1	$\frac{u^2 w}{Exp(v) \pi}$	R	L	CDF	CD
12370	9788	1	$\frac{Exp(v) \pi}{u^2 w}$	R	L	CDF	CDI
12371	9789	1	$\frac{u^4 w^2}{(Exp(v))^2 \pi^2}$	R	L	CDF	AB
12372	9790	1	$\sqrt{\frac{u^2 w}{Exp(v) \pi}}$	R	L	CDF	R

12373	9791	1	$\frac{u^6 w^3}{(Exp(v))^3 \pi^3}$	R	L	CDF	K
12374	9792	1	$e^{\frac{u^2 w}{Exp(v) \pi}}$	R	L	CDF	E
12375	9793	1	$\log\left(\frac{u^2 w}{Exp(v) \pi}\right)$	R	L	CDF	L
12376	9794	1	$\arcsin\left(\frac{u^2 w}{Exp(v) \pi}\right)$	R	L	CDF	S
12377	9795	1	$\arctan\left(\frac{u^2 w}{Exp(v) \pi}\right)$	R	L	CDF	T
12378	9796	1	$\sqrt{-\frac{(Exp(v))^2 \pi^2 + u^4 w^2}{(Exp(v))^2 \pi^2}}$	R	L	CDF	P
12379	9797	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + u^4 w^2}{(Exp(v))^2 \pi^2}}$	R	L	CDF	H
12380	9798	1	$\frac{u^2}{Exp(v) w \pi}$	R	L	CDIF	CD
12381	9799	1	$\frac{Exp(v) w \pi}{u^2}$	R	L	CDIF	CDI
12382	9800	1	$\frac{u^4}{(Exp(v))^2 w^2 \pi^2}$	R	L	CDIF	AB
12383	9801	1	$\sqrt{\frac{u^2}{Exp(v) w \pi}}$	R	L	CDIF	R
12384	9802	1	$\frac{u^6}{(Exp(v))^3 w^3 \pi^3}$	R	L	CDIF	K
12385	9803	1	$e^{\frac{u^2}{Exp(v) w \pi}}$	R	L	CDIF	E
12386	9804	1	$\log\left(\frac{u^2}{Exp(v) w \pi}\right)$	R	L	CDIF	L
12387	9805	1	$\arcsin\left(\frac{u^2}{Exp(v) w \pi}\right)$	R	L	CDIF	S

12388	9806	1	$\arctan\left(\frac{u^2}{Exp(v) w \pi}\right)$	R	L	CDIF	T
12389	9807	1	$\sqrt{-\frac{(Exp(v))^2 w^2 \pi^2 + u^4}{(Exp(v))^2 w^2 \pi^2}}$	R	L	CDIF	P
12390	9808	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + u^4}{(Exp(v))^2 w^2 \pi^2}}$	R	L	CDIF	H
12391	9809	1	$\frac{u^2 \sqrt{w}}{Exp(v)}$	R	L	AB	CD
12392	9810	1	$\frac{Exp(v)}{u^2 \sqrt{w}}$	R	L	AB	CDI
12393	9811	1	$\frac{u^2 \sqrt{w} \pi}{Exp(v)}$	R	L	AB	CDF
12394	9812	1	$\frac{Exp(v)}{u^2 \sqrt{w} \pi}$	R	L	AB	CDIF
12395	9813	1	$\frac{u^4 w}{(Exp(v))^2}$	R	L	AB	AB
12396	9814	1	$\sqrt{\frac{u^2 \sqrt{w}}{Exp(v)}}$	R	L	AB	R
12397	9815	1	$\frac{u^6 w^{3/2}}{(Exp(v))^3}$	R	L	AB	K
12398	9816	1	$e^{\frac{u^2 \sqrt{w}}{Exp(v)}}$	R	L	AB	E
12399	9817	1	$\log\left(\frac{u^2 \sqrt{w}}{Exp(v)}\right)$	R	L	AB	L
12400	9818	1	$\arcsin\left(\frac{u^2 \sqrt{w}}{Exp(v)}\right)$	R	L	AB	S
12401	9819	1	$\arctan\left(\frac{u^2 \sqrt{w}}{Exp(v)}\right)$	R	L	AB	T

12402	9820	1	$\sqrt{-\frac{(Exp(v))^2 + u^4 w}{(Exp(v))^2}}$	R	L	AB	P
12403	9821	1	$\sqrt{\frac{(Exp(v))^2 + u^4 w}{(Exp(v))^2}}$	R	L	AB	H
12404	9822	1	$\frac{u^2 w^2}{Exp(v)}$	R	L	R	CD
12405	9823	1	$\frac{Exp(v)}{u^2 w^2}$	R	L	R	CDI
12406	9824	1	$\frac{u^2 w^2 \pi}{Exp(v)}$	R	L	R	CDF
12407	9825	1	$\frac{Exp(v)}{u^2 w^2 \pi}$	R	L	R	CDIF
12408	9826	1	$\frac{u^4 w^4}{(Exp(v))^2}$	R	L	R	AB
12409	9827	1	$\sqrt{\frac{u^2 w^2}{Exp(v)}}$	R	L	R	R
12410	9828	1	$\frac{u^6 w^6}{(Exp(v))^3}$	R	L	R	K
12411	9829	1	$e^{\frac{u^2 w^2}{Exp(v)}}$	R	L	R	E
12412	9830	1	$\log\left(\frac{u^2 w^2}{Exp(v)}\right)$	R	L	R	L
12413	9831	1	$\arcsin\left(\frac{u^2 w^2}{Exp(v)}\right)$	R	L	R	S
12414	9832	1	$\arctan\left(\frac{u^2 w^2}{Exp(v)}\right)$	R	L	R	T
12415	9833	1	$\sqrt{-\frac{(Exp(v))^2 + u^4 w^4}{(Exp(v))^2}}$	R	L	R	P

12416	9834	1	$\sqrt{\frac{(Exp(v))^2 + u^4 w^4}{(Exp(v))^2}}$	R	L	R	H
12417	9835	1	$\frac{u^2 \sqrt[3]{w}}{Exp(v)}$	R	L	K	CD
12418	9836	1	$\frac{Exp(v)}{u^2 \sqrt[3]{w}}$	R	L	K	CDI
12419	9837	1	$\frac{u^2 \sqrt[3]{w} \pi}{Exp(v)}$	R	L	K	CDF
12420	9838	1	$\frac{Exp(v)}{u^2 \sqrt[3]{w} \pi}$	R	L	K	CDIF
12421	9839	1	$\frac{u^4 w^{2/3}}{(Exp(v))^2}$	R	L	K	AB
12422	9840	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{Exp(v)}}$	R	L	K	R
12423	9841	1	$\frac{u^6 w}{(Exp(v))^3}$	R	L	K	K
12424	9842	1	$e^{\frac{u^2 \sqrt[3]{w}}{Exp(v)}}$	R	L	K	E
12425	9843	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{Exp(v)}\right)$	R	L	K	L
12426	9844	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{Exp(v)}\right)$	R	L	K	S
12427	9845	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{Exp(v)}\right)$	R	L	K	T
12428	9846	1	$\sqrt{-\frac{(Exp(v))^2 + u^4 w^{2/3}}{(Exp(v))^2}}$	R	L	K	P
12429	9847	1	$\sqrt{\frac{(Exp(v))^2 + u^4 w^{2/3}}{(Exp(v))^2}}$	R	L	K	H

12430	9848	1	$\frac{u^2 \ln(w)}{\text{Exp}(v)}$	R	L	E	CD
12431	9849	1	$\frac{\text{Exp}(v)}{u^2 \ln(w)}$	R	L	E	CDI
12432	9850	1	$\frac{u^2 \ln(w) \pi}{\text{Exp}(v)}$	R	L	E	CDF
12433	9851	1	$\frac{\text{Exp}(v)}{u^2 \ln(w) \pi}$	R	L	E	CDIF
12434	9852	1	$\frac{u^4 (\ln(w))^2}{(\text{Exp}(v))^2}$	R	L	E	AB
12435	9853	1	$\sqrt{\frac{u^2 \ln(w)}{\text{Exp}(v)}}$	R	L	E	R
12436	9854	1	$\frac{u^6 (\ln(w))^3}{(\text{Exp}(v))^3}$	R	L	E	K
12437	9855	1	$w^{\frac{u^2}{\text{Exp}(v)}}$	R	L	E	E
12438	9856	1	$\log\left(\frac{u^2 \ln(w)}{\text{Exp}(v)}\right)$	R	L	E	L
12439	9857	1	$\arcsin\left(\frac{u^2 \ln(w)}{\text{Exp}(v)}\right)$	R	L	E	S
12440	9858	1	$\arctan\left(\frac{u^2 \ln(w)}{\text{Exp}(v)}\right)$	R	L	E	T
12441	9859	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + u^4 (\ln(w))^2}{(\text{Exp}(v))^2}}$	R	L	E	P
12442	9860	1	$\sqrt{\frac{(\text{Exp}(v))^2 + u^4 (\ln(w))^2}{(\text{Exp}(v))^2}}$	R	L	E	H
12443	9861	1	$\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}$	R	L	L	CD
12444	9862	1	$\frac{\text{Exp}(v)}{u^2 \text{Exp}(w)}$	R	L	L	CDI

12445	9863	1	$\frac{u^2 \text{Exp}(w) \pi}{\text{Exp}(v)}$	R	L	L	CDF
12446	9864	1	$\frac{\text{Exp}(v)}{u^2 \text{Exp}(w) \pi}$	R	L	L	CDIF
12447	9865	1	$\frac{u^4 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}$	R	L	L	AB
12448	9866	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}}$	R	L	L	R
12449	9867	1	$\frac{u^6 (\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	R	L	L	K
12450	9868	1	$e^{\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}}$	R	L	L	E
12451	9869	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}\right)$	R	L	L	L
12452	9870	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}\right)$	R	L	L	S
12453	9871	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\text{Exp}(v)}\right)$	R	L	L	T
12454	9872	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + u^4 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}}$	R	L	L	P
12455	9873	1	$\sqrt{\frac{(\text{Exp}(v))^2 + u^4 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}}$	R	L	L	H
12456	9874	1	$\frac{u^2 \sin(w)}{\text{Exp}(v)}$	R	L	S	CD
12457	9875	1	$\frac{\text{Exp}(v)}{u^2 \sin(w)}$	R	L	S	CDI
12458	9876	1	$\frac{u^2 \sin(w) \pi}{\text{Exp}(v)}$	R	L	S	CDF

12459	9877	1	$\frac{Exp(v)}{u^2 \sin(w) \pi}$	R	L	S	CDIF
12460	9878	1	$\frac{u^4 (\sin(w))^2}{(Exp(v))^2}$	R	L	S	AB
12461	9879	1	$\sqrt{\frac{u^2 \sin(w)}{Exp(v)}}$	R	L	S	R
12462	9880	1	$\frac{u^6 (\sin(w))^3}{(Exp(v))^3}$	R	L	S	K
12463	9881	1	$e^{\frac{u^2 \sin(w)}{Exp(v)}}$	R	L	S	E
12464	9882	1	$\log\left(\frac{u^2 \sin(w)}{Exp(v)}\right)$	R	L	S	L
12465	9883	1	$\arcsin\left(\frac{u^2 \sin(w)}{Exp(v)}\right)$	R	L	S	S
12466	9884	1	$\arctan\left(\frac{u^2 \sin(w)}{Exp(v)}\right)$	R	L	S	T
12467	9885	1	$\sqrt{\frac{(Exp(v))^2 - u^4 + u^4 (\cos(w))^2}{(Exp(v))^2}}$	R	L	S	P
12468	9886	1	$\sqrt{-\frac{(Exp(v))^2 - u^4 + u^4 (\cos(w))^2}{(Exp(v))^2}}$	R	L	S	H
12469	9887	1	$\frac{u^2 \tan(w)}{Exp(v)}$	R	L	T	CD
12470	9888	1	$\frac{Exp(v)}{u^2 \tan(w)}$	R	L	T	CDI
12471	9889	1	$\frac{u^2 \tan(w) \pi}{Exp(v)}$	R	L	T	CDF
12472	9890	1	$\frac{Exp(v)}{u^2 \tan(w) \pi}$	R	L	T	CDIF

12473	9891	1	$\frac{u^4 (\tan (w))^2}{(Exp(v))^2}$	R	L	T	AB
12474	9892	1	$\sqrt{\frac{u^2 \tan (w)}{Exp(v)}}$	R	L	T	R
12475	9893	1	$\frac{u^6 (\tan (w))^3}{(Exp(v))^3}$	R	L	T	K
12476	9894	1	$e^{\frac{u^2 \tan (w)}{Exp(v)}}$	R	L	T	E
12477	9895	1	$\log \left(\frac{u^2 \tan (w)}{Exp(v)} \right)$	R	L	T	L
12478	9896	1	$\arcsin \left(\frac{u^2 \tan (w)}{Exp(v)} \right)$	R	L	T	S
12479	9897	1	$\arctan \left(\frac{u^2 \tan (w)}{Exp(v)} \right)$	R	L	T	T
12480	9898	1	$\sqrt{-\frac{(Exp(v))^2 + u^4 (\tan (w))^2}{(Exp(v))^2}}$	R	L	T	P
12481	9899	1	$\sqrt{\frac{(Exp(v))^2 + u^4 (\tan (w))^2}{(Exp(v))^2}}$	R	L	T	H
12482	9900	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{Exp(v)}$	R	L	P	CD
12483	9901	1	$\frac{Exp(v)}{u^2 \sqrt{1-w^2}}$	R	L	P	CDI
12484	9902	1	$\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{Exp(v)}$	R	L	P	CDF
12485	9903	1	$\frac{Exp(v)}{u^2 \sqrt{1-w^2} \pi}$	R	L	P	CDIF
12486	9904	1	$-\frac{u^4 (-1+w^2)}{(Exp(v))^2}$	R	L	P	AB

12487	9905	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\text{Exp}(v)}}$	R	L	P	R
12488	9906	1	$\frac{u^6 (1-w^2)^{3/2}}{(\text{Exp}(v))^3}$	R	L	P	K
12489	9907	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\text{Exp}(v)}}$	R	L	P	E
12490	9908	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\text{Exp}(v)}\right)$	R	L	P	L
12491	9909	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\text{Exp}(v)}\right)$	R	L	P	S
12492	9910	1	$\arctan\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\text{Exp}(v)}\right)$	R	L	P	T
12493	9911	1	$\sqrt{\frac{(\text{Exp}(v))^2 - u^4 + u^4 w^2}{(\text{Exp}(v))^2}}$	R	L	P	P
12494	9911	2	$\sqrt{\frac{(\text{Exp}(v))^2 - u^4 + u^4 w^2}{(\text{Exp}(v))^2}}$	R	L	H	H
12495	9912	1	$\sqrt{-\frac{(\text{Exp}(v))^2 - u^4 + u^4 w^2}{(\text{Exp}(v))^2}}$	R	L	P	H
12496	9912	2	$\sqrt{-\frac{(\text{Exp}(v))^2 - u^4 + u^4 w^2}{(\text{Exp}(v))^2}}$	R	L	H	P
12497	9913	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\text{Exp}(v)}$	R	L	H	CD
12498	9914	1	$\frac{\text{Exp}(v)}{u^2 \sqrt{-1+w^2}}$	R	L	H	CDI
12499	9915	1	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{\text{Exp}(v)}$	R	L	H	CDF
12500	9916	1	$\frac{\text{Exp}(v)}{u^2 \sqrt{-1+w^2}\pi}$	R	L	H	CDIF

12501	9917	1	$\frac{u^4 (-1 + w^2)}{(Exp(v))^2}$	R	L	H	AB
12502	9918	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{Exp(v)}}$	R	L	H	R
12503	9919	1	$\frac{u^6 (-1 + w^2)^{3/2}}{(Exp(v))^3}$	R	L	H	K
12504	9920	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{Exp(v)}}$	R	L	H	E
12505	9921	1	$\log\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{Exp(v)}\right)$	R	L	H	L
12506	9922	1	$\arcsin\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{Exp(v)}\right)$	R	L	H	S
12507	9923	1	$\arctan\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{Exp(v)}\right)$	R	L	H	T
12508	9924	1	$\frac{u^2 w}{\sin(v)}$	R	S	CD	CD
12509	9924	2	$\frac{u^2 w}{\sin(v)}$	R	S	CDF	CDF
12510	9925	1	$\frac{\sin(v)}{u^2 w}$	R	S	CD	CDI
12511	9925	2	$\frac{\sin(v)}{u^2 w}$	R	S	CDF	CDIF
12512	9926	1	$\frac{u^2 w \pi}{\sin(v)}$	R	S	CD	CDF
12513	9927	1	$\frac{\sin(v)}{u^2 w \pi}$	R	S	CD	CDIF
12514	9928	1	$\frac{u^4 w^2}{(\sin(v))^2}$	R	S	CD	AB
12515	9929	1	$\sqrt{\frac{u^2 w}{\sin(v)}}$	R	S	CD	R

12516	9930	1	$\frac{u^6 w^3}{(\sin(v))^3}$	R	S	CD	K
12517	9931	1	$e^{\frac{u^2 w}{\sin(v)}}$	R	S	CD	E
12518	9932	1	$\log\left(\frac{u^2 w}{\sin(v)}\right)$	R	S	CD	L
12519	9933	1	$\arcsin\left(\frac{u^2 w}{\sin(v)}\right)$	R	S	CD	S
12520	9934	1	$\arctan\left(\frac{u^2 w}{\sin(v)}\right)$	R	S	CD	T
12521	9935	1	$\sqrt{-\frac{u^4 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	R	S	CD	P
12522	9936	1	$\sqrt{\frac{u^4 w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	R	S	CD	H
12523	9937	1	$\frac{u^2}{\sin(v) w}$	R	S	CDI	CD
12524	9937	2	$\frac{u^2}{\sin(v) w}$	R	S	CDIF	CDF
12525	9938	1	$\frac{\sin(v) w}{u^2}$	R	S	CDI	CDI
12526	9938	2	$\frac{\sin(v) w}{u^2}$	R	S	CDIF	CDIF
12527	9939	1	$\frac{u^2 \pi}{\sin(v) w}$	R	S	CDI	CDF
12528	9940	1	$\frac{\sin(v) w}{u^2 \pi}$	R	S	CDI	CDIF
12529	9941	1	$\frac{u^4}{(\sin(v))^2 w^2}$	R	S	CDI	AB
12530	9942	1	$\sqrt{\frac{u^2}{\sin(v) w}}$	R	S	CDI	R

12531	9943	1	$\frac{u^6}{(\sin(v))^3 w^3}$	R	S	CDI	K
12532	9944	1	$e^{\frac{u^2}{\sin(v)w}}$	R	S	CDI	E
12533	9945	1	$\log\left(\frac{u^2}{\sin(v)w}\right)$	R	S	CDI	L
12534	9946	1	$\arcsin\left(\frac{u^2}{\sin(v)w}\right)$	R	S	CDI	S
12535	9947	1	$\arctan\left(\frac{u^2}{\sin(v)w}\right)$	R	S	CDI	T
12536	9948	1	$\sqrt{-\frac{u^4 - w^2 + w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	R	S	CDI	P
12537	9949	1	$\sqrt{\frac{u^4 + w^2 - w^2 (\cos(v))^2}{(\sin(v))^2 w^2}}$	R	S	CDI	H
12538	9950	1	$\frac{u^2 w}{\sin(v) \pi}$	R	S	CDF	CD
12539	9951	1	$\frac{\sin(v) \pi}{u^2 w}$	R	S	CDF	CDI
12540	9952	1	$\frac{u^4 w^2}{(\sin(v))^2 \pi^2}$	R	S	CDF	AB
12541	9953	1	$\sqrt{\frac{u^2 w}{\sin(v) \pi}}$	R	S	CDF	R
12542	9954	1	$\frac{u^6 w^3}{(\sin(v))^3 \pi^3}$	R	S	CDF	K
12543	9955	1	$e^{\frac{u^2 w}{\sin(v) \pi}}$	R	S	CDF	E
12544	9956	1	$\log\left(\frac{u^2 w}{\sin(v) \pi}\right)$	R	S	CDF	L

12545	9957	1	$\arcsin\left(\frac{u^2 w}{\sin(v) \pi}\right)$	R	S	CDF	S
12546	9958	1	$\arctan\left(\frac{u^2 w}{\sin(v) \pi}\right)$	R	S	CDF	T
12547	9959	1	$\sqrt{-\frac{u^4 w^2 - \pi^2 + \pi^2 (\cos(v))^2}{(\sin(v))^2 \pi^2}}$	R	S	CDF	P
12548	9960	1	$\sqrt{\frac{u^4 w^2 + \pi^2 - \pi^2 (\cos(v))^2}{(\sin(v))^2 \pi^2}}$	R	S	CDF	H
12549	9961	1	$\frac{u^2}{\sin(v) w \pi}$	R	S	CDIF	CD
12550	9962	1	$\frac{\sin(v) w \pi}{u^2}$	R	S	CDIF	CDI
12551	9963	1	$\frac{u^4}{(\sin(v))^2 w^2 \pi^2}$	R	S	CDIF	AB
12552	9964	1	$\sqrt{\frac{u^2}{\sin(v) w \pi}}$	R	S	CDIF	R
12553	9965	1	$\frac{u^6}{(\sin(v))^3 w^3 \pi^3}$	R	S	CDIF	K
12554	9966	1	$e^{\frac{u^2}{\sin(v) w \pi}}$	R	S	CDIF	E
12555	9967	1	$\log\left(\frac{u^2}{\sin(v) w \pi}\right)$	R	S	CDIF	L
12556	9968	1	$\arcsin\left(\frac{u^2}{\sin(v) w \pi}\right)$	R	S	CDIF	S
12557	9969	1	$\arctan\left(\frac{u^2}{\sin(v) w \pi}\right)$	R	S	CDIF	T
12558	9970	1	$\sqrt{-\frac{u^4 - w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	R	S	CDIF	P

12559	9971	1	$\sqrt{\frac{u^4 + w^2\pi^2 - w^2\pi^2 (\cos(v))^2}{(\sin(v))^2 w^2\pi^2}}$	R	S	CDIF	H
12560	9972	1	$\frac{u^2\sqrt{w}}{\sin(v)}$	R	S	AB	CD
12561	9973	1	$\frac{\sin(v)}{u^2\sqrt{w}}$	R	S	AB	CDI
12562	9974	1	$\frac{u^2\sqrt{w}\pi}{\sin(v)}$	R	S	AB	CDF
12563	9975	1	$\frac{\sin(v)}{u^2\sqrt{w}\pi}$	R	S	AB	CDIF
12564	9976	1	$\frac{u^4w}{(\sin(v))^2}$	R	S	AB	AB
12565	9977	1	$\sqrt{\frac{u^2\sqrt{w}}{\sin(v)}}$	R	S	AB	R
12566	9978	1	$\frac{u^6w^{3/2}}{(\sin(v))^3}$	R	S	AB	K
12567	9979	1	$e^{\frac{u^2\sqrt{w}}{\sin(v)}}$	R	S	AB	E
12568	9980	1	$\log\left(\frac{u^2\sqrt{w}}{\sin(v)}\right)$	R	S	AB	L
12569	9981	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\sin(v)}\right)$	R	S	AB	S
12570	9982	1	$\arctan\left(\frac{u^2\sqrt{w}}{\sin(v)}\right)$	R	S	AB	T
12571	9983	1	$\sqrt{-\frac{u^4w - 1 + (\cos(v))^2}{(\sin(v))^2}}$	R	S	AB	P
12572	9984	1	$\sqrt{\frac{u^4w + 1 - (\cos(v))^2}{(\sin(v))^2}}$	R	S	AB	H

12573	9985	1	$\frac{u^2 w^2}{\sin(v)}$	R	S	R	CD
12574	9986	1	$\frac{\sin(v)}{u^2 w^2}$	R	S	R	CDI
12575	9987	1	$\frac{u^2 w^2 \pi}{\sin(v)}$	R	S	R	CDF
12576	9988	1	$\frac{\sin(v)}{u^2 w^2 \pi}$	R	S	R	CDIF
12577	9989	1	$\frac{u^4 w^4}{(\sin(v))^2}$	R	S	R	AB
12578	9990	1	$\sqrt{\frac{u^2 w^2}{\sin(v)}}$	R	S	R	R
12579	9991	1	$\frac{u^6 w^6}{(\sin(v))^3}$	R	S	R	K
12580	9992	1	$e^{\frac{u^2 w^2}{\sin(v)}}$	R	S	R	E
12581	9993	1	$\log\left(\frac{u^2 w^2}{\sin(v)}\right)$	R	S	R	L
12582	9994	1	$\arcsin\left(\frac{u^2 w^2}{\sin(v)}\right)$	R	S	R	S
12583	9995	1	$\arctan\left(\frac{u^2 w^2}{\sin(v)}\right)$	R	S	R	T
12584	9996	1	$\sqrt{-\frac{u^4 w^4 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	R	S	R	P
12585	9997	1	$\sqrt{\frac{u^4 w^4 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	R	S	R	H
12586	9998	1	$\frac{u^2 \sqrt[3]{w}}{\sin(v)}$	R	S	K	CD
12587	9999	1	$\frac{\sin(v)}{u^2 \sqrt[3]{w}}$	R	S	K	CDI

12588	10000	1	$\frac{u^2 \sqrt[3]{w} \pi}{\sin(v)}$	R	S	K	CDF
12589	10001	1	$\frac{\sin(v)}{u^2 \sqrt[3]{w} \pi}$	R	S	K	CDIF
12590	10002	1	$\frac{u^4 w^{2/3}}{(\sin(v))^2}$	R	S	K	AB
12591	10003	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\sin(v)}}$	R	S	K	R
12592	10004	1	$\frac{u^6 w}{(\sin(v))^3}$	R	S	K	K
12593	10005	1	$e^{\frac{u^2 \sqrt[3]{w}}{\sin(v)}}$	R	S	K	E
12594	10006	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{\sin(v)}\right)$	R	S	K	L
12595	10007	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{\sin(v)}\right)$	R	S	K	S
12596	10008	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{\sin(v)}\right)$	R	S	K	T
12597	10009	1	$\sqrt{-\frac{u^4 w^{2/3} + (\cos(v))^2 - 1}{(\sin(v))^2}}$	R	S	K	P
12598	10010	1	$\sqrt{\frac{u^4 w^{2/3} - (\cos(v))^2 + 1}{(\sin(v))^2}}$	R	S	K	H
12599	10011	1	$\frac{u^2 \ln(w)}{\sin(v)}$	R	S	E	CD
12600	10012	1	$\frac{\sin(v)}{u^2 \ln(w)}$	R	S	E	CDI
12601	10013	1	$\frac{u^2 \ln(w) \pi}{\sin(v)}$	R	S	E	CDF

12602	10014	1	$\frac{\sin(v)}{u^2 \ln(w) \pi}$	R	S	E	CDIF
12603	10015	1	$\frac{u^4 (\ln(w))^2}{(\sin(v))^2}$	R	S	E	AB
12604	10016	1	$\sqrt{\frac{u^2 \ln(w)}{\sin(v)}}$	R	S	E	R
12605	10017	1	$\frac{u^6 (\ln(w))^3}{(\sin(v))^3}$	R	S	E	K
12606	10018	1	$w^{\frac{u^2}{\sin(v)}}$	R	S	E	E
12607	10019	1	$\log\left(\frac{u^2 \ln(w)}{\sin(v)}\right)$	R	S	E	L
12608	10020	1	$\arcsin\left(\frac{u^2 \ln(w)}{\sin(v)}\right)$	R	S	E	S
12609	10021	1	$\arctan\left(\frac{u^2 \ln(w)}{\sin(v)}\right)$	R	S	E	T
12610	10022	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + u^4 (\ln(w))^2}{(\sin(v))^2}}$	R	S	E	P
12611	10023	1	$\sqrt{\frac{1 - (\cos(v))^2 + u^4 (\ln(w))^2}{(\sin(v))^2}}$	R	S	E	H
12612	10024	1	$\frac{u^2 \text{Exp}(w)}{\sin(v)}$	R	S	L	CD
12613	10025	1	$\frac{\sin(v)}{u^2 \text{Exp}(w)}$	R	S	L	CDI
12614	10026	1	$\frac{u^2 \text{Exp}(w) \pi}{\sin(v)}$	R	S	L	CDF
12615	10027	1	$\frac{\sin(v)}{u^2 \text{Exp}(w) \pi}$	R	S	L	CDIF

12616	10028	1	$\frac{u^4 (Exp(w))^2}{(\sin(v))^2}$	R	S	L	AB
12617	10029	1	$\sqrt{\frac{u^2 Exp(w)}{\sin(v)}}$	R	S	L	R
12618	10030	1	$\frac{u^6 (Exp(w))^3}{(\sin(v))^3}$	R	S	L	K
12619	10031	1	$e^{\frac{u^2 Exp(w)}{\sin(v)}}$	R	S	L	E
12620	10032	1	$\log\left(\frac{u^2 Exp(w)}{\sin(v)}\right)$	R	S	L	L
12621	10033	1	$\arcsin\left(\frac{u^2 Exp(w)}{\sin(v)}\right)$	R	S	L	S
12622	10034	1	$\arctan\left(\frac{u^2 Exp(w)}{\sin(v)}\right)$	R	S	L	T
12623	10035	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + u^4 (Exp(w))^2}{(\sin(v))^2}}$	R	S	L	P
12624	10036	1	$\sqrt{\frac{1 - (\cos(v))^2 + u^4 (Exp(w))^2}{(\sin(v))^2}}$	R	S	L	H
12625	10037	1	$\frac{u^2 \sin(w)}{\sin(v)}$	R	S	S	CD
12626	10038	1	$\frac{\sin(v)}{u^2 \sin(w)}$	R	S	S	CDI
12627	10039	1	$\frac{u^2 \sin(w) \pi}{\sin(v)}$	R	S	S	CDF
12628	10040	1	$\frac{\sin(v)}{u^2 \sin(w) \pi}$	R	S	S	CDIF
12629	10041	1	$\frac{u^4 (\sin(w))^2}{(\sin(v))^2}$	R	S	S	AB

12630	10042	1	$\sqrt{\frac{u^2 \sin(w)}{\sin(v)}}$	R	S	S	R
12631	10043	1	$\frac{u^6 (\sin(w))^3}{(\sin(v))^3}$	R	S	S	K
12632	10044	1	$e^{\frac{u^2 \sin(w)}{\sin(v)}}$	R	S	S	E
12633	10045	1	$\log\left(\frac{u^2 \sin(w)}{\sin(v)}\right)$	R	S	S	L
12634	10046	1	$\arcsin\left(\frac{u^2 \sin(w)}{\sin(v)}\right)$	R	S	S	S
12635	10047	1	$\arctan\left(\frac{u^2 \sin(w)}{\sin(v)}\right)$	R	S	S	T
12636	10048	1	$\sqrt{\frac{1 - (\cos(v))^2 - u^4 + u^4 (\cos(w))^2}{(\sin(v))^2}}$	R	S	S	P
12637	10049	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - u^4 + u^4 (\cos(w))^2}{(\sin(v))^2}}$	R	S	S	H
12638	10050	1	$\frac{u^2 \sin(w)}{\sin(v) \cos(w)}$	R	S	T	CD
12639	10051	1	$\frac{\sin(v) \cos(w)}{u^2 \sin(w)}$	R	S	T	CDI
12640	10052	1	$\frac{u^2 \sin(w) \pi}{\sin(v) \cos(w)}$	R	S	T	CDF
12641	10053	1	$\frac{\sin(v) \cos(w)}{u^2 \sin(w) \pi}$	R	S	T	CDIF
12642	10054	1	$\frac{u^4 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	R	S	T	AB
12643	10055	1	$\sqrt{\frac{u^2 \sin(w)}{\sin(v) \cos(w)}}$	R	S	T	R

12644	10056	1	$\frac{u^6 (\sin (w))^3}{(\sin (v))^3 (\cos (w))^3}$	R	S	T	K
12645	10057	1	$e^{\frac{u^2 \sin (w)}{\sin (v) \cos (w)}}$	R	S	T	E
12646	10058	1	$\log \left(\frac{u^2 \sin (w)}{\sin (v) \cos (w)} \right)$	R	S	T	L
12647	10059	1	$\arcsin \left(\frac{u^2 \sin (w)}{\sin (v) \cos (w)} \right)$	R	S	T	S
12648	10060	1	$\arctan \left(\frac{u^2 \sin (w)}{\sin (v) \cos (w)} \right)$	R	S	T	T
12649	10061	1	$\sqrt{\frac{(\cos (w))^2 - (\cos (w))^2 (\cos (v))^2 - u^4 + u^4 (\cos (w))^2}{(\sin (v))^2 (\cos (w))^2}}$	R	S	T	P
12650	10062	1	$\sqrt{-\frac{(\cos (w))^2 + (\cos (w))^2 (\cos (v))^2 - u^4 + u^4 (\cos (w))^2}{(\sin (v))^2 (\cos (w))^2}}$	R	S	T	H
12651	10063	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin (v)}$	R	S	P	CD
12652	10064	1	$\frac{\sin (v)}{u^2 \sqrt{1-w^2}}$	R	S	P	CDI
12653	10065	1	$\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{\sin (v)}$	R	S	P	CDF
12654	10066	1	$\frac{\sin (v)}{u^2 \sqrt{1-w^2} \pi}$	R	S	P	CDIF
12655	10067	1	$-\frac{u^4 (-1+w^2)}{(\sin (v))^2}$	R	S	P	AB
12656	10068	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin (v)}}$	R	S	P	R
12657	10069	1	$\frac{u^6 (1-w^2)^{3/2}}{(\sin (v))^3}$	R	S	P	K

12658	10070	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin(v)}}$	R	S	P	E
12659	10071	1	$\log \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin(v)} \right)$	R	S	P	L
12660	10072	1	$\arcsin \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin(v)} \right)$	R	S	P	S
12661	10073	1	$\arctan \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sin(v)} \right)$	R	S	P	T
12662	10074	1	$\sqrt{\frac{-u^4 + u^4 w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	R	S	P	P
12663	10074	2	$\sqrt{\frac{-u^4 + u^4 w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	R	S	H	H
12664	10075	1	$\sqrt{-\frac{-u^4 + u^4 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	R	S	P	H
12665	10075	2	$\sqrt{-\frac{-u^4 + u^4 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	R	S	H	P
12666	10076	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}$	R	S	H	CD
12667	10077	1	$\frac{\sin(v)}{u^2 \sqrt{-1+w^2}}$	R	S	H	CDI
12668	10078	1	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{\sin(v)}$	R	S	H	CDF
12669	10079	1	$\frac{\sin(v)}{u^2 \sqrt{-1+w^2}\pi}$	R	S	H	CDIF
12670	10080	1	$\frac{u^4 (-1+w^2)}{(\sin(v))^2}$	R	S	H	AB
12671	10081	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}}$	R	S	H	R

12672	10082	1	$\frac{u^6 (-1 + w^2)^{3/2}}{(\sin(v))^3}$	R	S	H	K
12673	10083	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}}$	R	S	H	E
12674	10084	1	$\log\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}\right)$	R	S	H	L
12675	10085	1	$\arcsin\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}\right)$	R	S	H	S
12676	10086	1	$\arctan\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sin(v)}\right)$	R	S	H	T
12677	10087	1	$\frac{u^2 w}{\tan(v)}$	R	T	CD	CD
12678	10087	2	$\frac{u^2 w}{\tan(v)}$	R	T	CDF	CDF
12679	10088	1	$\frac{\tan(v)}{u^2 w}$	R	T	CD	CDI
12680	10088	2	$\frac{\tan(v)}{u^2 w}$	R	T	CDF	CDIF
12681	10089	1	$\frac{u^2 w \pi}{\tan(v)}$	R	T	CD	CDF
12682	10090	1	$\frac{\tan(v)}{u^2 w \pi}$	R	T	CD	CDIF
12683	10091	1	$\frac{u^4 w^2}{(\tan(v))^2}$	R	T	CD	AB
12684	10092	1	$\sqrt{\frac{u^2 w}{\tan(v)}}$	R	T	CD	R
12685	10093	1	$\frac{u^6 w^3}{(\tan(v))^3}$	R	T	CD	K
12686	10094	1	$e^{\frac{u^2 w}{\tan(v)}}$	R	T	CD	E

12687	10095	1	$\log \left(\frac{u^2 w}{\tan(v)} \right)$	R	T	CD	L
12688	10096	1	$\arcsin \left(\frac{u^2 w}{\tan(v)} \right)$	R	T	CD	S
12689	10097	1	$\arctan \left(\frac{u^2 w}{\tan(v)} \right)$	R	T	CD	T
12690	10098	1	$\sqrt{-\frac{(\tan(v))^2 + u^4 w^2}{(\tan(v))^2}}$	R	T	CD	P
12691	10099	1	$\sqrt{\frac{(\tan(v))^2 + u^4 w^2}{(\tan(v))^2}}$	R	T	CD	H
12692	10100	1	$\frac{u^2}{\tan(v) w}$	R	T	CDI	CD
12693	10100	2	$\frac{u^2}{\tan(v) w}$	R	T	CDIF	CDF
12694	10101	1	$\frac{\tan(v) w}{u^2}$	R	T	CDI	CDI
12695	10101	2	$\frac{\tan(v) w}{u^2}$	R	T	CDIF	CDIF
12696	10102	1	$\frac{u^2 \pi}{\tan(v) w}$	R	T	CDI	CDF
12697	10103	1	$\frac{\tan(v) w}{u^2 \pi}$	R	T	CDI	CDIF
12698	10104	1	$\frac{u^4}{(\tan(v))^2 w^2}$	R	T	CDI	AB
12699	10105	1	$\sqrt{\frac{u^2}{\tan(v) w}}$	R	T	CDI	R
12700	10106	1	$\frac{u^6}{(\tan(v))^3 w^3}$	R	T	CDI	K
12701	10107	1	$e^{\frac{u^2}{\tan(v) w}}$	R	T	CDI	E

12702	10108	1	$\log \left(\frac{u^2}{\tan(v) w} \right)$	R	T	CDI	L
12703	10109	1	$\arcsin \left(\frac{u^2}{\tan(v) w} \right)$	R	T	CDI	S
12704	10110	1	$\arctan \left(\frac{u^2}{\tan(v) w} \right)$	R	T	CDI	T
12705	10111	1	$\sqrt{-\frac{(\tan(v))^2 w^2 + u^4}{(\tan(v))^2 w^2}}$	R	T	CDI	P
12706	10112	1	$\sqrt{\frac{(\tan(v))^2 w^2 + u^4}{(\tan(v))^2 w^2}}$	R	T	CDI	H
12707	10113	1	$\frac{u^2 w}{\tan(v) \pi}$	R	T	CDF	CD
12708	10114	1	$\frac{\tan(v) \pi}{u^2 w}$	R	T	CDF	CDI
12709	10115	1	$\frac{u^4 w^2}{(\tan(v))^2 \pi^2}$	R	T	CDF	AB
12710	10116	1	$\sqrt{\frac{u^2 w}{\tan(v) \pi}}$	R	T	CDF	R
12711	10117	1	$\frac{u^6 w^3}{(\tan(v))^3 \pi^3}$	R	T	CDF	K
12712	10118	1	$e^{\frac{u^2 w}{\tan(v) \pi}}$	R	T	CDF	E
12713	10119	1	$\log \left(\frac{u^2 w}{\tan(v) \pi} \right)$	R	T	CDF	L
12714	10120	1	$\arcsin \left(\frac{u^2 w}{\tan(v) \pi} \right)$	R	T	CDF	S
12715	10121	1	$\arctan \left(\frac{u^2 w}{\tan(v) \pi} \right)$	R	T	CDF	T

12716	10122	1	$\sqrt{-\frac{(\tan(v))^2 \pi^2 + u^4 w^2}{(\tan(v))^2 \pi^2}}$	R	T	CDF	P
12717	10123	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + u^4 w^2}{(\tan(v))^2 \pi^2}}$	R	T	CDF	H
12718	10124	1	$\frac{u^2}{\tan(v) w \pi}$	R	T	CDIF	CD
12719	10125	1	$\frac{\tan(v) w \pi}{u^2}$	R	T	CDIF	CDI
12720	10126	1	$\frac{u^4}{(\tan(v))^2 w^2 \pi^2}$	R	T	CDIF	AB
12721	10127	1	$\sqrt{\frac{u^2}{\tan(v) w \pi}}$	R	T	CDIF	R
12722	10128	1	$\frac{u^6}{(\tan(v))^3 w^3 \pi^3}$	R	T	CDIF	K
12723	10129	1	$e^{\frac{u^2}{\tan(v) w \pi}}$	R	T	CDIF	E
12724	10130	1	$\log\left(\frac{u^2}{\tan(v) w \pi}\right)$	R	T	CDIF	L
12725	10131	1	$\arcsin\left(\frac{u^2}{\tan(v) w \pi}\right)$	R	T	CDIF	S
12726	10132	1	$\arctan\left(\frac{u^2}{\tan(v) w \pi}\right)$	R	T	CDIF	T
12727	10133	1	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 + u^4}{(\tan(v))^2 w^2 \pi^2}}$	R	T	CDIF	P
12728	10134	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + u^4}{(\tan(v))^2 w^2 \pi^2}}$	R	T	CDIF	H
12729	10135	1	$\frac{u^2 \sqrt{w}}{\tan(v)}$	R	T	AB	CD

12730	10136	1	$\frac{\tan(v)}{u^2\sqrt{w}}$	R	T	AB	CDI
12731	10137	1	$\frac{u^2\sqrt{w}\pi}{\tan(v)}$	R	T	AB	CDF
12732	10138	1	$\frac{\tan(v)}{u^2\sqrt{w}\pi}$	R	T	AB	CDIF
12733	10139	1	$\frac{u^4w}{(\tan(v))^2}$	R	T	AB	AB
12734	10140	1	$\sqrt{\frac{u^2\sqrt{w}}{\tan(v)}}$	R	T	AB	R
12735	10141	1	$\frac{u^6w^{3/2}}{(\tan(v))^3}$	R	T	AB	K
12736	10142	1	$e^{\frac{u^2\sqrt{w}}{\tan(v)}}$	R	T	AB	E
12737	10143	1	$\log\left(\frac{u^2\sqrt{w}}{\tan(v)}\right)$	R	T	AB	L
12738	10144	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\tan(v)}\right)$	R	T	AB	S
12739	10145	1	$\arctan\left(\frac{u^2\sqrt{w}}{\tan(v)}\right)$	R	T	AB	T
12740	10146	1	$\sqrt{-\frac{(\tan(v))^2 + u^4w}{(\tan(v))^2}}$	R	T	AB	P
12741	10147	1	$\sqrt{\frac{(\tan(v))^2 + u^4w}{(\tan(v))^2}}$	R	T	AB	H
12742	10148	1	$\frac{u^2w^2}{\tan(v)}$	R	T	R	CD
12743	10149	1	$\frac{\tan(v)}{u^2w^2}$	R	T	R	CDI
12744	10150	1	$\frac{u^2w^2\pi}{\tan(v)}$	R	T	R	CDF

12745	10151	1	$\frac{\tan(v)}{u^2 w^2 \pi}$	R	T	R	CDIF
12746	10152	1	$\frac{u^4 w^4}{(\tan(v))^2}$	R	T	R	AB
12747	10153	1	$\sqrt{\frac{u^2 w^2}{\tan(v)}}$	R	T	R	R
12748	10154	1	$\frac{u^6 w^6}{(\tan(v))^3}$	R	T	R	K
12749	10155	1	$e^{\frac{u^2 w^2}{\tan(v)}}$	R	T	R	E
12750	10156	1	$\log\left(\frac{u^2 w^2}{\tan(v)}\right)$	R	T	R	L
12751	10157	1	$\arcsin\left(\frac{u^2 w^2}{\tan(v)}\right)$	R	T	R	S
12752	10158	1	$\arctan\left(\frac{u^2 w^2}{\tan(v)}\right)$	R	T	R	T
12753	10159	1	$\sqrt{-\frac{(\tan(v))^2 + u^4 w^4}{(\tan(v))^2}}$	R	T	R	P
12754	10160	1	$\sqrt{\frac{(\tan(v))^2 + u^4 w^4}{(\tan(v))^2}}$	R	T	R	H
12755	10161	1	$\frac{u^2 \sqrt[3]{w}}{\tan(v)}$	R	T	K	CD
12756	10162	1	$\frac{\tan(v)}{u^2 \sqrt[3]{w}}$	R	T	K	CDI
12757	10163	1	$\frac{u^2 \sqrt[3]{w} \pi}{\tan(v)}$	R	T	K	CDF
12758	10164	1	$\frac{\tan(v)}{u^2 \sqrt[3]{w} \pi}$	R	T	K	CDIF

12759	10165	1	$\frac{u^4 w^{2/3}}{(\tan(v))^2}$	R	T	K	AB
12760	10166	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\tan(v)}}$	R	T	K	R
12761	10167	1	$\frac{u^6 w}{(\tan(v))^3}$	R	T	K	K
12762	10168	1	$e^{\frac{u^2 \sqrt[3]{w}}{\tan(v)}}$	R	T	K	E
12763	10169	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{\tan(v)}\right)$	R	T	K	L
12764	10170	1	$\arcsin\left(\frac{u^2 \sqrt[3]{w}}{\tan(v)}\right)$	R	T	K	S
12765	10171	1	$\arctan\left(\frac{u^2 \sqrt[3]{w}}{\tan(v)}\right)$	R	T	K	T
12766	10172	1	$\sqrt{-\frac{(\tan(v))^2 + u^4 w^{2/3}}{(\tan(v))^2}}$	R	T	K	P
12767	10173	1	$\sqrt{\frac{(\tan(v))^2 + u^4 w^{2/3}}{(\tan(v))^2}}$	R	T	K	H
12768	10174	1	$\frac{u^2 \ln(w)}{\tan(v)}$	R	T	E	CD
12769	10175	1	$\frac{\tan(v)}{u^2 \ln(w)}$	R	T	E	CDI
12770	10176	1	$\frac{u^2 \ln(w) \pi}{\tan(v)}$	R	T	E	CDF
12771	10177	1	$\frac{\tan(v)}{u^2 \ln(w) \pi}$	R	T	E	CDIF
12772	10178	1	$\frac{u^4 (\ln(w))^2}{(\tan(v))^2}$	R	T	E	AB

12773	10179	1	$\sqrt{\frac{u^2 \ln(w)}{\tan(v)}}$	R	T	E	R
12774	10180	1	$\frac{u^6 (\ln(w))^3}{(\tan(v))^3}$	R	T	E	K
12775	10181	1	$w^{\frac{u^2}{\tan(v)}}$	R	T	E	E
12776	10182	1	$\log\left(\frac{u^2 \ln(w)}{\tan(v)}\right)$	R	T	E	L
12777	10183	1	$\arcsin\left(\frac{u^2 \ln(w)}{\tan(v)}\right)$	R	T	E	S
12778	10184	1	$\arctan\left(\frac{u^2 \ln(w)}{\tan(v)}\right)$	R	T	E	T
12779	10185	1	$\sqrt{-\frac{(\tan(v))^2 + u^4 (\ln(w))^2}{(\tan(v))^2}}$	R	T	E	P
12780	10186	1	$\sqrt{\frac{(\tan(v))^2 + u^4 (\ln(w))^2}{(\tan(v))^2}}$	R	T	E	H
12781	10187	1	$\frac{u^2 \text{Exp}(w)}{\tan(v)}$	R	T	L	CD
12782	10188	1	$\frac{\tan(v)}{u^2 \text{Exp}(w)}$	R	T	L	CDI
12783	10189	1	$\frac{u^2 \text{Exp}(w) \pi}{\tan(v)}$	R	T	L	CDF
12784	10190	1	$\frac{\tan(v)}{u^2 \text{Exp}(w) \pi}$	R	T	L	CDIF
12785	10191	1	$\frac{u^4 (\text{Exp}(w))^2}{(\tan(v))^2}$	R	T	L	AB
12786	10192	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\tan(v)}}$	R	T	L	R

12787	10193	1	$\frac{u^6 (\text{Exp}(w))^3}{(\tan(v))^3}$	R	T	L	K
12788	10194	1	$e^{\frac{u^2 \text{Exp}(w)}{\tan(v)}}$	R	T	L	E
12789	10195	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\tan(v)}\right)$	R	T	L	L
12790	10196	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\tan(v)}\right)$	R	T	L	S
12791	10197	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\tan(v)}\right)$	R	T	L	T
12792	10198	1	$\sqrt{-\frac{(\tan(v))^2 + u^4 (\text{Exp}(w))^2}{(\tan(v))^2}}$	R	T	L	P
12793	10199	1	$\sqrt{\frac{(\tan(v))^2 + u^4 (\text{Exp}(w))^2}{(\tan(v))^2}}$	R	T	L	H
12794	10200	1	$\frac{u^2 \cos(v) \sin(w)}{\sin(v)}$	R	T	S	CD
12795	10201	1	$\frac{\sin(v)}{u^2 \cos(v) \sin(w)}$	R	T	S	CDI
12796	10202	1	$\frac{u^2 \cos(v) \sin(w) \pi}{\sin(v)}$	R	T	S	CDF
12797	10203	1	$\frac{\sin(v)}{u^2 \cos(v) \sin(w) \pi}$	R	T	S	CDIF
12798	10204	1	$\frac{u^4 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	R	T	S	AB
12799	10205	1	$\sqrt{\frac{u^2 \cos(v) \sin(w)}{\sin(v)}}$	R	T	S	R
12800	10206	1	$\frac{u^6 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	R	T	S	K
12801	10207	1	$e^{\frac{u^2 \cos(v) \sin(w)}{\sin(v)}}$	R	T	S	E

12802	10208	1	$\log \left(\frac{u^2 \cos(v) \sin(w)}{\sin(v)} \right)$	R	T	S	L
12803	10209	1	$\arcsin \left(\frac{u^2 \cos(v) \sin(w)}{\sin(v)} \right)$	R	T	S	S
12804	10210	1	$\arctan \left(\frac{u^2 \cos(v) \sin(w)}{\sin(v)} \right)$	R	T	S	T
12805	10211	1	$\sqrt{\frac{1 - (\cos(v))^2 - u^4 (\cos(v))^2 + u^4 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	R	T	S	P
12806	10212	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - u^4 (\cos(v))^2 + u^4 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	R	T	S	H
12807	10213	1	$\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)}$	R	T	T	CD
12808	10214	1	$\frac{\sin(v) \cos(w)}{u^2 \cos(v) \sin(w)}$	R	T	T	CDI
12809	10215	1	$\frac{u^2 \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	R	T	T	CDF
12810	10216	1	$\frac{\sin(v) \cos(w)}{u^2 \cos(v) \sin(w) \pi}$	R	T	T	CDIF
12811	10217	1	$\frac{u^4 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	R	T	T	AB
12812	10218	1	$\sqrt{\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	R	T	T	R
12813	10219	1	$\frac{u^6 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	R	T	T	K
12814	10220	1	$e^{\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	R	T	T	E
12815	10221	1	$\log \left(\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)} \right)$	R	T	T	L

12816	10222	1	$\arcsin\left(\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	R	T	T	S
12817	10223	1	$\arctan\left(\frac{u^2 \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	R	T	T	T
12818	10224	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - u^4 (\cos(v))^2 + u^4 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	R	T	T	P
12819	10225	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - u^4 (\cos(v))^2 + u^4 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	R	T	T	H
12820	10226	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\tan(v)}$	R	T	P	CD
12821	10227	1	$\frac{\tan(v)}{u^2 \sqrt{1-w^2}}$	R	T	P	CDI
12822	10228	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{\tan(v)}$	R	T	P	CDF
12823	10229	1	$\frac{\tan(v)}{u^2 \sqrt{1-w^2}\pi}$	R	T	P	CDIF
12824	10230	1	$-\frac{u^4 (-1+w^2)}{(\tan(v))^2}$	R	T	P	AB
12825	10231	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\tan(v)}}$	R	T	P	R
12826	10232	1	$\frac{u^6 (1-w^2)^{3/2}}{(\tan(v))^3}$	R	T	P	K
12827	10233	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\tan(v)}}$	R	T	P	E
12828	10234	1	$\log\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\tan(v)}\right)$	R	T	P	L
12829	10235	1	$\arcsin\left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\tan(v)}\right)$	R	T	P	S

12830	10236	1	$\arctan\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\tan(v)}\right)$	R	T	P	T
12831	10237	1	$\sqrt{\frac{(\tan(v))^2 - u^4 + u^4w^2}{(\tan(v))^2}}$	R	T	P	P
12832	10237	2	$\sqrt{\frac{(\tan(v))^2 - u^4 + u^4w^2}{(\tan(v))^2}}$	R	T	H	H
12833	10238	1	$\sqrt{-\frac{(\tan(v))^2 - u^4 + u^4w^2}{(\tan(v))^2}}$	R	T	P	H
12834	10238	2	$\sqrt{-\frac{(\tan(v))^2 - u^4 + u^4w^2}{(\tan(v))^2}}$	R	T	H	P
12835	10239	1	$\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}$	R	T	H	CD
12836	10240	1	$\frac{\tan(v)}{u^2\sqrt{-1+w^2}}$	R	T	H	CDI
12837	10241	1	$\frac{u^2\sqrt{(w-1)(w+1)}\pi}{\tan(v)}$	R	T	H	CDF
12838	10242	1	$\frac{\tan(v)}{u^2\sqrt{-1+w^2}\pi}$	R	T	H	CDIF
12839	10243	1	$\frac{u^4(-1+w^2)}{(\tan(v))^2}$	R	T	H	AB
12840	10244	1	$\sqrt{\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}}$	R	T	H	R
12841	10245	1	$\frac{u^6(-1+w^2)^{3/2}}{(\tan(v))^3}$	R	T	H	K
12842	10246	1	$e^{\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}}$	R	T	H	E
12843	10247	1	$\log\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}\right)$	R	T	H	L

12844	10248	1	$\arcsin\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}\right)$	R	T	H	S
12845	10249	1	$\arctan\left(\frac{u^2\sqrt{(w-1)(w+1)}}{\tan(v)}\right)$	R	T	H	T
12846	10250	1	$\frac{u^2w}{\sqrt{-(v-1)(v+1)}}$	R	P	CD	CD
12847	10250	2	$\frac{u^2w}{\sqrt{-(v-1)(v+1)}}$	R	P	CDF	CDF
12848	10251	1	$\frac{\sqrt{1-v^2}}{u^2w}$	R	P	CD	CDI
12849	10251	2	$\frac{\sqrt{1-v^2}}{u^2w}$	R	P	CDF	CDIF
12850	10252	1	$\frac{u^2w\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	CD	CDF
12851	10253	1	$\frac{\sqrt{1-v^2}}{u^2w\pi}$	R	P	CD	CDIF
12852	10254	1	$-\frac{u^4w^2}{-1+v^2}$	R	P	CD	AB
12853	10255	1	$\sqrt{\frac{u^2w}{\sqrt{-(v-1)(v+1)}}}$	R	P	CD	R
12854	10256	1	$\frac{u^6w^3}{(1-v^2)^{3/2}}$	R	P	CD	K
12855	10257	1	$e^{\frac{u^2w}{\sqrt{-(v-1)(v+1)}}}$	R	P	CD	E
12856	10258	1	$\log\left(\frac{u^2w}{\sqrt{-(v-1)(v+1)}}$	R	P	CD	L
12857	10259	1	$\arcsin\left(\frac{u^2w}{\sqrt{-(v-1)(v+1)}}$	R	P	CD	S
12858	10260	1	$\arctan\left(\frac{u^2w}{\sqrt{-(v-1)(v+1)}}$	R	P	CD	T

12859	10261	1	$\sqrt{\frac{-1+v^2+u^4w^2}{-1+v^2}}$	R	P	CD	P
12860	10261	2	$\sqrt{\frac{-1+v^2+u^4w^2}{-1+v^2}}$	R	H	CD	H
12861	10262	1	$\sqrt{-\frac{1-v^2+u^4w^2}{-1+v^2}}$	R	P	CD	H
12862	10262	2	$\sqrt{-\frac{1-v^2+u^4w^2}{-1+v^2}}$	R	H	CD	P
12863	10263	1	$\frac{u^2}{\sqrt{-(v-1)(v+1)w}}$	R	P	CDI	CD
12864	10263	2	$\frac{u^2}{\sqrt{-(v-1)(v+1)w}}$	R	P	CDIF	CDF
12865	10264	1	$\frac{\sqrt{1-v^2}w}{u^2}$	R	P	CDI	CDI
12866	10264	2	$\frac{\sqrt{1-v^2}w}{u^2}$	R	P	CDIF	CDIF
12867	10265	1	$\frac{u^2\pi}{\sqrt{-(v-1)(v+1)w}}$	R	P	CDI	CDF
12868	10266	1	$\frac{\sqrt{1-v^2}w}{u^2\pi}$	R	P	CDI	CDIF
12869	10267	1	$-\frac{u^4}{w^2(-1+v^2)}$	R	P	CDI	AB
12870	10268	1	$\sqrt{\frac{u^2}{\sqrt{-(v-1)(v+1)w}}}$	R	P	CDI	R
12871	10269	1	$\frac{u^6}{(1-v^2)^{3/2}w^3}$	R	P	CDI	K
12872	10270	1	$e^{\frac{u^2}{\sqrt{-(v-1)(v+1)w}}}$	R	P	CDI	E
12873	10271	1	$\log\left(\frac{u^2}{\sqrt{-(v-1)(v+1)w}}\right)$	R	P	CDI	L

12874	10272	1	$\arcsin\left(\frac{u^2}{\sqrt{-(v-1)(v+1)w}}\right)$	R	P	CDI	S
12875	10273	1	$\arctan\left(\frac{u^2}{\sqrt{-(v-1)(v+1)w}}\right)$	R	P	CDI	T
12876	10274	1	$\sqrt{\frac{-w^2 + v^2w^2 + u^4}{w^2(-1 + v^2)}}$	R	P	CDI	P
12877	10274	2	$\sqrt{\frac{-w^2 + v^2w^2 + u^4}{w^2(-1 + v^2)}}$	R	H	CDI	H
12878	10275	1	$\sqrt{-\frac{w^2 - v^2w^2 + u^4}{w^2(-1 + v^2)}}$	R	P	CDI	H
12879	10275	2	$\sqrt{-\frac{w^2 - v^2w^2 + u^4}{w^2(-1 + v^2)}}$	R	H	CDI	P
12880	10276	1	$\frac{u^2w}{\sqrt{-(v-1)(v+1)\pi}}$	R	P	CDF	CD
12881	10277	1	$\frac{\sqrt{1-v^2}\pi}{u^2w}$	R	P	CDF	CDI
12882	10278	1	$-\frac{u^4w^2}{\pi^2(-1 + v^2)}$	R	P	CDF	AB
12883	10279	1	$\sqrt{\frac{u^2w}{\sqrt{-(v-1)(v+1)\pi}}}$	R	P	CDF	R
12884	10280	1	$\frac{u^6w^3}{(1-v^2)^{3/2}\pi^3}$	R	P	CDF	K
12885	10281	1	$e^{\frac{u^2w}{\sqrt{-(v-1)(v+1)\pi}}}$	R	P	CDF	E
12886	10282	1	$\log\left(\frac{u^2w}{\sqrt{-(v-1)(v+1)\pi}}\right)$	R	P	CDF	L
12887	10283	1	$\arcsin\left(\frac{u^2w}{\sqrt{-(v-1)(v+1)\pi}}\right)$	R	P	CDF	S

12888	10284	1	$\arctan\left(\frac{u^2 w}{\sqrt{-(v-1)(v+1)}\pi}\right)$	R	P	CDF	T
12889	10285	1	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^4 w^2}{\pi^2 (-1 + v^2)}}$	R	P	CDF	P
12890	10285	2	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + u^4 w^2}{\pi^2 (-1 + v^2)}}$	R	H	CDF	H
12891	10286	1	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^4 w^2}{\pi^2 (-1 + v^2)}}$	R	P	CDF	H
12892	10286	2	$\sqrt{-\frac{\pi^2 - v^2 \pi^2 + u^4 w^2}{\pi^2 (-1 + v^2)}}$	R	H	CDF	P
12893	10287	1	$\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}$	R	P	CDIF	CD
12894	10288	1	$\frac{\sqrt{1-v^2}w\pi}{u^2}$	R	P	CDIF	CDI
12895	10289	1	$-\frac{u^4}{w^2 \pi^2 (-1 + v^2)}$	R	P	CDIF	AB
12896	10290	1	$\sqrt{\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}}$	R	P	CDIF	R
12897	10291	1	$\frac{u^6}{(1-v^2)^{3/2} w^3 \pi^3}$	R	P	CDIF	K
12898	10292	1	$e^{\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}}$	R	P	CDIF	E
12899	10293	1	$\log\left(\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}\right)$	R	P	CDIF	L
12900	10294	1	$\arcsin\left(\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}\right)$	R	P	CDIF	S
12901	10295	1	$\arctan\left(\frac{u^2}{\sqrt{-(v-1)(v+1)}w\pi}\right)$	R	P	CDIF	T

12902	10296	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^4}{w^2\pi^2(-1+v^2)}}$	R	P	CDIF	P
12903	10296	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^4}{w^2\pi^2(-1+v^2)}}$	R	H	CDIF	H
12904	10297	1	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^4}{w^2\pi^2(-1+v^2)}}$	R	P	CDIF	H
12905	10297	2	$\sqrt{-\frac{w^2\pi^2 - v^2w^2\pi^2 + u^4}{w^2\pi^2(-1+v^2)}}$	R	H	CDIF	P
12906	10298	1	$\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}$	R	P	AB	CD
12907	10299	1	$\frac{\sqrt{1-v^2}}{u^2\sqrt{w}}$	R	P	AB	CDI
12908	10300	1	$\frac{u^2\sqrt{w}\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	AB	CDF
12909	10301	1	$\frac{\sqrt{1-v^2}}{u^2\sqrt{w}\pi}$	R	P	AB	CDIF
12910	10302	1	$-\frac{u^4w}{-1+v^2}$	R	P	AB	AB
12911	10303	1	$\sqrt{\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}}$	R	P	AB	R
12912	10304	1	$\frac{u^6w^{3/2}}{(1-v^2)^{3/2}}$	R	P	AB	K
12913	10305	1	$e^{\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}}$	R	P	AB	E
12914	10306	1	$\log\left(\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	AB	L
12915	10307	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	AB	S

12916	10308	1	$\arctan\left(\frac{u^2\sqrt{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	AB	T
12917	10309	1	$\sqrt{\frac{-1+v^2+u^4w}{-1+v^2}}$	R	P	AB	P
12918	10309	2	$\sqrt{\frac{-1+v^2+u^4w}{-1+v^2}}$	R	H	AB	H
12919	10310	1	$\sqrt{-\frac{1-v^2+u^4w}{-1+v^2}}$	R	P	AB	H
12920	10310	2	$\sqrt{-\frac{1-v^2+u^4w}{-1+v^2}}$	R	H	AB	P
12921	10311	1	$\frac{u^2w^2}{\sqrt{-(v-1)(v+1)}}$	R	P	R	CD
12922	10312	1	$\frac{\sqrt{1-v^2}}{u^2w^2}$	R	P	R	CDI
12923	10313	1	$\frac{u^2w^2\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	R	CDF
12924	10314	1	$\frac{\sqrt{1-v^2}}{u^2w^2\pi}$	R	P	R	CDIF
12925	10315	1	$-\frac{u^4w^4}{-1+v^2}$	R	P	R	AB
12926	10316	1	$\sqrt{\frac{u^2w^2}{\sqrt{-(v-1)(v+1)}}}$	R	P	R	R
12927	10317	1	$\frac{u^6w^6}{(1-v^2)^{3/2}}$	R	P	R	K
12928	10318	1	$e^{\frac{u^2w^2}{\sqrt{-(v-1)(v+1)}}}$	R	P	R	E
12929	10319	1	$\log\left(\frac{u^2w^2}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	R	L

12930	10320	1	$\arcsin\left(\frac{u^2 w^2}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	R	S
12931	10321	1	$\arctan\left(\frac{u^2 w^2}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	R	T
12932	10322	1	$\sqrt{\frac{-1+v^2+u^4 w^4}{-1+v^2}}$	R	P	R	P
12933	10322	2	$\sqrt{\frac{-1+v^2+u^4 w^4}{-1+v^2}}$	R	H	R	H
12934	10323	1	$\sqrt{-\frac{1-v^2+u^4 w^4}{-1+v^2}}$	R	P	R	H
12935	10323	2	$\sqrt{-\frac{1-v^2+u^4 w^4}{-1+v^2}}$	R	H	R	P
12936	10324	1	$\frac{u^2 \sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}$	R	P	K	CD
12937	10325	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt[3]{w}}$	R	P	K	CDI
12938	10326	1	$\frac{u^2 \sqrt[3]{w} \pi}{\sqrt{-(v-1)(v+1)}}$	R	P	K	CDF
12939	10327	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt[3]{w} \pi}$	R	P	K	CDIF
12940	10328	1	$-\frac{u^4 w^{2/3}}{-1+v^2}$	R	P	K	AB
12941	10329	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}}$	R	P	K	R
12942	10330	1	$\frac{u^6 w}{(1-v^2)^{3/2}}$	R	P	K	K
12943	10331	1	$e^{\frac{u^2 \sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}}$	R	P	K	E
12944	10332	1	$\log\left(\frac{u^2 \sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	K	L

12945	10333	1	$\arcsin\left(\frac{u^2\sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	K	S
12946	10334	1	$\arctan\left(\frac{u^2\sqrt[3]{w}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	K	T
12947	10335	1	$\sqrt{\frac{-1+v^2+u^4w^{2/3}}{-1+v^2}}$	R	P	K	P
12948	10335	2	$\sqrt{\frac{-1+v^2+u^4w^{2/3}}{-1+v^2}}$	R	H	K	H
12949	10336	1	$\sqrt{-\frac{1-v^2+u^4w^{2/3}}{-1+v^2}}$	R	P	K	H
12950	10336	2	$\sqrt{-\frac{1-v^2+u^4w^{2/3}}{-1+v^2}}$	R	H	K	P
12951	10337	1	$\frac{u^2\ln(w)}{\sqrt{-(v-1)(v+1)}}$	R	P	E	CD
12952	10338	1	$\frac{\sqrt{1-v^2}}{u^2\ln(w)}$	R	P	E	CDI
12953	10339	1	$\frac{u^2\ln(w)\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	E	CDF
12954	10340	1	$\frac{\sqrt{1-v^2}}{u^2\ln(w)\pi}$	R	P	E	CDIF
12955	10341	1	$-\frac{u^4(\ln(w))^2}{-1+v^2}$	R	P	E	AB
12956	10342	1	$\sqrt{\frac{u^2\ln(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	E	R
12957	10343	1	$\frac{u^6(\ln(w))^3}{(1-v^2)^{3/2}}$	R	P	E	K
12958	10344	1	$w^{\frac{u^2}{\sqrt{1-v^2}}}$	R	P	E	E

12959	10345	1	$\log \left(\frac{u^2 \ln(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	E	L
12960	10346	1	$\arcsin \left(\frac{u^2 \ln(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	E	S
12961	10347	1	$\arctan \left(\frac{u^2 \ln(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	E	T
12962	10348	1	$\sqrt{\frac{-1+v^2+u^4(\ln(w))^2}{-1+v^2}}$	R	P	E	P
12963	10348	2	$\sqrt{\frac{-1+v^2+u^4(\ln(w))^2}{-1+v^2}}$	R	H	E	H
12964	10349	1	$\sqrt{-\frac{1-v^2+u^4(\ln(w))^2}{-1+v^2}}$	R	P	E	H
12965	10349	2	$\sqrt{-\frac{1-v^2+u^4(\ln(w))^2}{-1+v^2}}$	R	H	E	P
12966	10350	1	$\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}}$	R	P	L	CD
12967	10351	1	$\frac{\sqrt{1-v^2}}{u^2 \text{Exp}(w)}$	R	P	L	CDI
12968	10352	1	$\frac{u^2 \text{Exp}(w) \pi}{\sqrt{-(v-1)(v+1)}}$	R	P	L	CDF
12969	10353	1	$\frac{\sqrt{1-v^2}}{u^2 \text{Exp}(w) \pi}$	R	P	L	CDIF
12970	10354	1	$-\frac{u^4 (\text{Exp}(w))^2}{-1+v^2}$	R	P	L	AB
12971	10355	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	L	R
12972	10356	1	$\frac{u^6 (\text{Exp}(w))^3}{(1-v^2)^{3/2}}$	R	P	L	K

12973	10357	1	$e^{\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	L	E
12974	10358	1	$\log \left(\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	L	L
12975	10359	1	$\arcsin \left(\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	L	S
12976	10360	1	$\arctan \left(\frac{u^2 \text{Exp}(w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	L	T
12977	10361	1	$\sqrt{\frac{-1 + v^2 + u^4 (\text{Exp}(w))^2}{-1 + v^2}}$	R	P	L	P
12978	10361	2	$\sqrt{\frac{-1 + v^2 + u^4 (\text{Exp}(w))^2}{-1 + v^2}}$	R	H	L	H
12979	10362	1	$\sqrt{-\frac{1 - v^2 + u^4 (\text{Exp}(w))^2}{-1 + v^2}}$	R	P	L	H
12980	10362	2	$\sqrt{-\frac{1 - v^2 + u^4 (\text{Exp}(w))^2}{-1 + v^2}}$	R	H	L	P
12981	10363	1	$\frac{u^2 \sin(w)}{\sqrt{-(v-1)(v+1)}}$	R	P	S	CD
12982	10364	1	$\frac{\sqrt{1-v^2}}{u^2 \sin(w)}$	R	P	S	CDI
12983	10365	1	$\frac{u^2 \sin(w) \pi}{\sqrt{-(v-1)(v+1)}}$	R	P	S	CDF
12984	10366	1	$\frac{\sqrt{1-v^2}}{u^2 \sin(w) \pi}$	R	P	S	CDIF
12985	10367	1	$-\frac{u^4 (\sin(w))^2}{-1 + v^2}$	R	P	S	AB
12986	10368	1	$\sqrt{\frac{u^2 \sin(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	S	R

12987	10369	1	$\frac{u^6 (\sin (w))^3}{(1-v^2)^{3/2}}$	R	P	S	K
12988	10370	1	$e^{\frac{u^2 \sin (w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	S	E
12989	10371	1	$\log \left(\frac{u^2 \sin (w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	S	L
12990	10372	1	$\arcsin \left(\frac{u^2 \sin (w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	S	S
12991	10373	1	$\arctan \left(\frac{u^2 \sin (w)}{\sqrt{-(v-1)(v+1)}} \right)$	R	P	S	T
12992	10374	1	$\sqrt{-\frac{1-v^2-u^4+u^4(\cos (w))^2}{-1+v^2}}$	R	P	S	P
12993	10374	2	$\sqrt{-\frac{1-v^2-u^4+u^4(\cos (w))^2}{-1+v^2}}$	R	H	S	H
12994	10375	1	$\sqrt{\frac{-1+v^2-u^4+u^4(\cos (w))^2}{-1+v^2}}$	R	P	S	H
12995	10375	2	$\sqrt{\frac{-1+v^2-u^4+u^4(\cos (w))^2}{-1+v^2}}$	R	H	S	P
12996	10376	1	$\frac{u^2 \tan (w)}{\sqrt{-(v-1)(v+1)}}$	R	P	T	CD
12997	10377	1	$\frac{\sqrt{1-v^2}}{u^2 \tan (w)}$	R	P	T	CDI
12998	10378	1	$\frac{u^2 \tan (w) \pi}{\sqrt{-(v-1)(v+1)}}$	R	P	T	CDF
12999	10379	1	$\frac{\sqrt{1-v^2}}{u^2 \tan (w) \pi}$	R	P	T	CDIF
13000	10380	1	$-\frac{u^4 (\tan (w))^2}{-1+v^2}$	R	P	T	AB

13001	10381	1	$\sqrt{\frac{u^2 \tan(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	T	R
13002	10382	1	$\frac{u^6 (\tan(w))^3}{(1-v^2)^{3/2}}$	R	P	T	K
13003	10383	1	$e^{\frac{u^2 \tan(w)}{\sqrt{-(v-1)(v+1)}}}$	R	P	T	E
13004	10384	1	$\log\left(\frac{u^2 \tan(w)}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	T	L
13005	10385	1	$\arcsin\left(\frac{u^2 \tan(w)}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	T	S
13006	10386	1	$\arctan\left(\frac{u^2 \tan(w)}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	T	T
13007	10387	1	$\sqrt{\frac{-1+v^2+u^4(\tan(w))^2}{-1+v^2}}$	R	P	T	P
13008	10387	2	$\sqrt{\frac{-1+v^2+u^4(\tan(w))^2}{-1+v^2}}$	R	H	T	H
13009	10388	1	$\sqrt{-\frac{1-v^2+u^4(\tan(w))^2}{-1+v^2}}$	R	P	T	H
13010	10388	2	$\sqrt{-\frac{1-v^2+u^4(\tan(w))^2}{-1+v^2}}$	R	H	T	P
13011	10389	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}$	R	P	P	CD
13012	10390	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt{1-w^2}}$	R	P	P	CDI
13013	10391	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	P	CDF
13014	10392	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt{1-w^2}\pi}$	R	P	P	CDIF

13015	10393	1	$\frac{u^4(-1+w^2)}{-1+v^2}$	R	P	P	AB
13016	10393	2	$\frac{u^4(-1+w^2)}{-1+v^2}$	R	H	H	AB
13017	10394	1	$\sqrt{\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}}$	R	P	P	R
13018	10395	1	$\frac{u^6(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	R	P	P	K
13019	10396	1	$e^{\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}}$	R	P	P	E
13020	10397	1	$\log\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	P	L
13021	10398	1	$\arcsin\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	P	S
13022	10399	1	$\arctan\left(\frac{u^2\sqrt{-(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	P	T
13023	10400	1	$\sqrt{-\frac{1-v^2-u^4+u^4w^2}{-1+v^2}}$	R	P	P	P
13024	10400	2	$\sqrt{-\frac{1-v^2-u^4+u^4w^2}{-1+v^2}}$	R	P	H	H
13025	10400	3	$\sqrt{-\frac{1-v^2-u^4+u^4w^2}{-1+v^2}}$	R	H	P	H
13026	10400	4	$\sqrt{-\frac{1-v^2-u^4+u^4w^2}{-1+v^2}}$	R	H	H	P
13027	10401	1	$\sqrt{\frac{-u^4+u^4w^2-1+v^2}{-1+v^2}}$	R	P	P	H
13028	10401	2	$\sqrt{\frac{-u^4+u^4w^2-1+v^2}{-1+v^2}}$	R	P	H	P
13029	10401	3	$\sqrt{\frac{-u^4+u^4w^2-1+v^2}{-1+v^2}}$	R	H	P	P

13030	10401	4	$\sqrt{\frac{-u^4 + u^4 w^2 - 1 + v^2}{-1 + v^2}}$	R	H	H	H
13031	10402	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}$	R	P	H	CD
13032	10403	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt{-1+w^2}}$	R	P	H	CDI
13033	10404	1	$\frac{u^2 \sqrt{(w-1)(w+1)}\pi}{\sqrt{-(v-1)(v+1)}}$	R	P	H	CDF
13034	10405	1	$\frac{\sqrt{1-v^2}}{u^2 \sqrt{-1+w^2}\pi}$	R	P	H	CDIF
13035	10406	1	$-\frac{u^4(-1+w^2)}{-1+v^2}$	R	P	H	AB
13036	10406	2	$-\frac{u^4(-1+w^2)}{-1+v^2}$	R	H	P	AB
13037	10407	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}}$	R	P	H	R
13038	10408	1	$\frac{u^6(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	R	P	H	K
13039	10409	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}}$	R	P	H	E
13040	10410	1	$\log\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	H	L
13041	10411	1	$\arcsin\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	H	S
13042	10412	1	$\arctan\left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{-(v-1)(v+1)}}\right)$	R	P	H	T
13043	10413	1	$\frac{u^2 w}{\sqrt{(v-1)(v+1)}}$	R	H	CD	CD

13044	10413 2	$\frac{u^2 w}{\sqrt{(v-1)(v+1)}}$	R	H	CDF	CDF
13045	10414 1	$\frac{\sqrt{-1+v^2}}{u^2 w}$	R	H	CD	CDI
13046	10414 2	$\frac{\sqrt{-1+v^2}}{u^2 w}$	R	H	CDF	CDIF
13047	10415 1	$\frac{u^2 w \pi}{\sqrt{(v-1)(v+1)}}$	R	H	CD	CDF
13048	10416 1	$\frac{\sqrt{-1+v^2}}{u^2 w \pi}$	R	H	CD	CDIF
13049	10417 1	$\frac{u^4 w^2}{-1+v^2}$	R	H	CD	AB
13050	10418 1	$\sqrt{\frac{u^2 w}{\sqrt{(v-1)(v+1)}}}$	R	H	CD	R
13051	10419 1	$\frac{u^6 w^3}{(-1+v^2)^{3/2}}$	R	H	CD	K
13052	10420 1	$e^{\frac{u^2 w}{\sqrt{(v-1)(v+1)}}}$	R	H	CD	E
13053	10421 1	$\log\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}}$	R	H	CD	L
13054	10422 1	$\arcsin\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}}$	R	H	CD	S
13055	10423 1	$\arctan\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}}$	R	H	CD	T
13056	10424 1	$\frac{u^2}{\sqrt{(v-1)(v+1)w}}$	R	H	CDI	CD
13057	10424 2	$\frac{u^2}{\sqrt{(v-1)(v+1)w}}$	R	H	CDIF	CDF
13058	10425 1	$\frac{\sqrt{-1+v^2} w}{u^2}$	R	H	CDI	CDI

13059	10425	2	$\frac{\sqrt{-1+v^2}w}{u^2}$	R	H	CDIF	CDIF
13060	10426	1	$\frac{u^2\pi}{\sqrt{(v-1)(v+1)w}}$	R	H	CDI	CDF
13061	10427	1	$\frac{\sqrt{-1+v^2}w}{u^2\pi}$	R	H	CDI	CDIF
13062	10428	1	$\frac{u^4}{w^2(-1+v^2)}$	R	H	CDI	AB
13063	10429	1	$\sqrt{\frac{u^2}{\sqrt{(v-1)(v+1)w}}}$	R	H	CDI	R
13064	10430	1	$\frac{u^6}{(-1+v^2)^{3/2}w^3}$	R	H	CDI	K
13065	10431	1	$e^{\frac{u^2}{\sqrt{(v-1)(v+1)w}}}$	R	H	CDI	E
13066	10432	1	$\log\left(\frac{u^2}{\sqrt{(v-1)(v+1)w}}\right)$	R	H	CDI	L
13067	10433	1	$\arcsin\left(\frac{u^2}{\sqrt{(v-1)(v+1)w}}\right)$	R	H	CDI	S
13068	10434	1	$\arctan\left(\frac{u^2}{\sqrt{(v-1)(v+1)w}}\right)$	R	H	CDI	T
13069	10435	1	$\frac{u^2w}{\sqrt{(v-1)(v+1)\pi}}$	R	H	CDF	CD
13070	10436	1	$\frac{\sqrt{-1+v^2}\pi}{u^2w}$	R	H	CDF	CDI
13071	10437	1	$\frac{u^4w^2}{\pi^2(-1+v^2)}$	R	H	CDF	AB
13072	10438	1	$\sqrt{\frac{u^2w}{\sqrt{(v-1)(v+1)\pi}}}$	R	H	CDF	R

13073	10439	1	$\frac{u^6 w^3}{(-1 + v^2)^{3/2} \pi^3}$	R	H	CDF	K
13074	10440	1	$e^{\frac{u^2 w}{\sqrt{(v-1)(v+1)}\pi}}$	R	H	CDF	E
13075	10441	1	$\log\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}\pi}\right)$	R	H	CDF	L
13076	10442	1	$\arcsin\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}\pi}\right)$	R	H	CDF	S
13077	10443	1	$\arctan\left(\frac{u^2 w}{\sqrt{(v-1)(v+1)}\pi}\right)$	R	H	CDF	T
13078	10444	1	$\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}$	R	H	CDIF	CD
13079	10445	1	$\frac{\sqrt{-1 + v^2} w \pi}{u^2}$	R	H	CDIF	CDI
13080	10446	1	$\frac{u^4}{w^2 \pi^2 (-1 + v^2)}$	R	H	CDIF	AB
13081	10447	1	$\sqrt{\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}}$	R	H	CDIF	R
13082	10448	1	$\frac{u^6}{(-1 + v^2)^{3/2} w^3 \pi^3}$	R	H	CDIF	K
13083	10449	1	$e^{\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}}$	R	H	CDIF	E
13084	10450	1	$\log\left(\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}\right)$	R	H	CDIF	L
13085	10451	1	$\arcsin\left(\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}\right)$	R	H	CDIF	S
13086	10452	1	$\arctan\left(\frac{u^2}{\sqrt{(v-1)(v+1)}w\pi}\right)$	R	H	CDIF	T

13087	10453	1	$\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}$	R	H	AB	CD
13088	10454	1	$\frac{\sqrt{-1+v^2}}{u^2\sqrt{w}}$	R	H	AB	CDI
13089	10455	1	$\frac{u^2\sqrt{w}\pi}{\sqrt{(v-1)(v+1)}}$	R	H	AB	CDF
13090	10456	1	$\frac{\sqrt{-1+v^2}}{u^2\sqrt{w}\pi}$	R	H	AB	CDIF
13091	10457	1	$\frac{u^4w}{-1+v^2}$	R	H	AB	AB
13092	10458	1	$\sqrt{\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}}$	R	H	AB	R
13093	10459	1	$\frac{u^6w^{3/2}}{(-1+v^2)^{3/2}}$	R	H	AB	K
13094	10460	1	$e^{\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}}$	R	H	AB	E
13095	10461	1	$\log\left(\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}$	R	H	AB	L
13096	10462	1	$\arcsin\left(\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}$	R	H	AB	S
13097	10463	1	$\arctan\left(\frac{u^2\sqrt{w}}{\sqrt{(v-1)(v+1)}}$	R	H	AB	T
13098	10464	1	$\frac{u^2w^2}{\sqrt{(v-1)(v+1)}}$	R	H	R	CD
13099	10465	1	$\frac{\sqrt{-1+v^2}}{u^2w^2}$	R	H	R	CDI
13100	10466	1	$\frac{u^2w^2\pi}{\sqrt{(v-1)(v+1)}}$	R	H	R	CDF

13101	10467	1	$\frac{\sqrt{-1+v^2}}{u^2 w^2 \pi}$	R	H	R	CDIF
13102	10468	1	$\frac{u^4 w^4}{-1+v^2}$	R	H	R	AB
13103	10469	1	$\sqrt{\frac{u^2 w^2}{\sqrt{(v-1)(v+1)}}}$	R	H	R	R
13104	10470	1	$\frac{u^6 w^6}{(-1+v^2)^{3/2}}$	R	H	R	K
13105	10471	1	$e^{\frac{u^2 w^2}{\sqrt{(v-1)(v+1)}}}$	R	H	R	E
13106	10472	1	$\log\left(\frac{u^2 w^2}{\sqrt{(v-1)(v+1)}}\right)$	R	H	R	L
13107	10473	1	$\arcsin\left(\frac{u^2 w^2}{\sqrt{(v-1)(v+1)}}\right)$	R	H	R	S
13108	10474	1	$\arctan\left(\frac{u^2 w^2}{\sqrt{(v-1)(v+1)}}\right)$	R	H	R	T
13109	10475	1	$\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}}$	R	H	K	CD
13110	10476	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt[3]{w}}$	R	H	K	CDI
13111	10477	1	$\frac{u^2 \sqrt[3]{w} \pi}{\sqrt{(v-1)(v+1)}}$	R	H	K	CDF
13112	10478	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt[3]{w} \pi}$	R	H	K	CDIF
13113	10479	1	$\frac{u^4 w^{2/3}}{-1+v^2}$	R	H	K	AB
13114	10480	1	$\sqrt{\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}}}$	R	H	K	R

13115	10481	1	$\frac{u^6 w}{(-1 + v^2)^{3/2}}$	R	H	K	K
13116	10482	1	$e^{\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}}}$	R	H	K	E
13117	10483	1	$\log \left(\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	K	L
13118	10484	1	$\arcsin \left(\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	K	S
13119	10485	1	$\arctan \left(\frac{u^2 \sqrt[3]{w}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	K	T
13120	10486	1	$\frac{u^2 \ln(w)}{\sqrt{(v-1)(v+1)}}$	R	H	E	CD
13121	10487	1	$\frac{\sqrt{-1 + v^2}}{u^2 \ln(w)}$	R	H	E	CDI
13122	10488	1	$\frac{u^2 \ln(w) \pi}{\sqrt{(v-1)(v+1)}}$	R	H	E	CDF
13123	10489	1	$\frac{\sqrt{-1 + v^2}}{u^2 \ln(w) \pi}$	R	H	E	CDIF
13124	10490	1	$\frac{u^4 (\ln(w))^2}{-1 + v^2}$	R	H	E	AB
13125	10491	1	$\sqrt{\frac{u^2 \ln(w)}{\sqrt{(v-1)(v+1)}}}$	R	H	E	R
13126	10492	1	$\frac{u^6 (\ln(w))^3}{(-1 + v^2)^{3/2}}$	R	H	E	K
13127	10493	1	$w^{\frac{u^2}{\sqrt{-1 + v^2}}}$	R	H	E	E
13128	10494	1	$\log \left(\frac{u^2 \ln(w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	E	L

13129	10495	1	$\arcsin\left(\frac{u^2 \ln(w)}{\sqrt{(v-1)(v+1)}}\right)$	R	H	E	S
13130	10496	1	$\arctan\left(\frac{u^2 \ln(w)}{\sqrt{(v-1)(v+1)}}\right)$	R	H	E	T
13131	10497	1	$\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}$	R	H	L	CD
13132	10498	1	$\frac{\sqrt{-1+v^2}}{u^2 \text{Exp}(w)}$	R	H	L	CDI
13133	10499	1	$\frac{u^2 \text{Exp}(w) \pi}{\sqrt{(v-1)(v+1)}}$	R	H	L	CDF
13134	10500	1	$\frac{\sqrt{-1+v^2}}{u^2 \text{Exp}(w) \pi}$	R	H	L	CDIF
13135	10501	1	$\frac{u^4 (\text{Exp}(w))^2}{-1+v^2}$	R	H	L	AB
13136	10502	1	$\sqrt{\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}}$	R	H	L	R
13137	10503	1	$\frac{u^6 (\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	R	H	L	K
13138	10504	1	$e^{\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}}$	R	H	L	E
13139	10505	1	$\log\left(\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}\right)$	R	H	L	L
13140	10506	1	$\arcsin\left(\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}\right)$	R	H	L	S
13141	10507	1	$\arctan\left(\frac{u^2 \text{Exp}(w)}{\sqrt{(v-1)(v+1)}}\right)$	R	H	L	T
13142	10508	1	$\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}}$	R	H	S	CD

13143	10509	1	$\frac{\sqrt{-1+v^2}}{u^2 \sin(w)}$	R	H	S	CDI
13144	10510	1	$\frac{u^2 \sin(w) \pi}{\sqrt{(v-1)(v+1)}}$	R	H	S	CDF
13145	10511	1	$\frac{\sqrt{-1+v^2}}{u^2 \sin(w) \pi}$	R	H	S	CDIF
13146	10512	1	$\frac{u^4 (\sin(w))^2}{-1+v^2}$	R	H	S	AB
13147	10513	1	$\sqrt{\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}}}$	R	H	S	R
13148	10514	1	$\frac{u^6 (\sin(w))^3}{(-1+v^2)^{3/2}}$	R	H	S	K
13149	10515	1	$e^{\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}}}$	R	H	S	E
13150	10516	1	$\log \left(\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	S	L
13151	10517	1	$\arcsin \left(\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	S	S
13152	10518	1	$\arctan \left(\frac{u^2 \sin(w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	S	T
13153	10519	1	$\frac{u^2 \tan(w)}{\sqrt{(v-1)(v+1)}}$	R	H	T	CD
13154	10520	1	$\frac{\sqrt{-1+v^2}}{u^2 \tan(w)}$	R	H	T	CDI
13155	10521	1	$\frac{u^2 \tan(w) \pi}{\sqrt{(v-1)(v+1)}}$	R	H	T	CDF
13156	10522	1	$\frac{\sqrt{-1+v^2}}{u^2 \tan(w) \pi}$	R	H	T	CDIF

13157	10523	1	$\frac{u^4 (\tan (w))^2}{-1+v^2}$	R	H	T	AB
13158	10524	1	$\sqrt{\frac{u^2 \tan (w)}{\sqrt{(v-1)(v+1)}}}$	R	H	T	R
13159	10525	1	$\frac{u^6 (\tan (w))^3}{(-1+v^2)^{3/2}}$	R	H	T	K
13160	10526	1	$e^{\frac{u^2 \tan (w)}{\sqrt{(v-1)(v+1)}}}$	R	H	T	E
13161	10527	1	$\log \left(\frac{u^2 \tan (w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	T	L
13162	10528	1	$\arcsin \left(\frac{u^2 \tan (w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	T	S
13163	10529	1	$\arctan \left(\frac{u^2 \tan (w)}{\sqrt{(v-1)(v+1)}} \right)$	R	H	T	T
13164	10530	1	$\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}$	R	H	P	CD
13165	10531	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt{1-w^2}}$	R	H	P	CDI
13166	10532	1	$\frac{u^2 \sqrt{-(w-1)(w+1)} \pi}{\sqrt{(v-1)(v+1)}}$	R	H	P	CDF
13167	10533	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt{1-w^2} \pi}$	R	H	P	CDIF
13168	10534	1	$\sqrt{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}}$	R	H	P	R
13169	10535	1	$\frac{u^6 (1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	R	H	P	K
13170	10536	1	$e^{\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}}$	R	H	P	E

13171	10537	1	$\log \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	P	L
13172	10538	1	$\arcsin \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	P	S
13173	10539	1	$\arctan \left(\frac{u^2 \sqrt{-(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	P	T
13174	10540	1	$\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}$	R	H	H	CD
13175	10541	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt{-1+w^2}}$	R	H	H	CDI
13176	10542	1	$\frac{u^2 \sqrt{(w-1)(w+1)} \pi}{\sqrt{(v-1)(v+1)}}$	R	H	H	CDF
13177	10543	1	$\frac{\sqrt{-1+v^2}}{u^2 \sqrt{-1+w^2} \pi}$	R	H	H	CDIF
13178	10544	1	$\sqrt{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}}$	R	H	H	R
13179	10545	1	$\frac{u^6 (-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	R	H	H	K
13180	10546	1	$e^{\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}}}$	R	H	H	E
13181	10547	1	$\log \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	H	L
13182	10548	1	$\arcsin \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	H	S
13183	10549	1	$\arctan \left(\frac{u^2 \sqrt{(w-1)(w+1)}}{\sqrt{(v-1)(v+1)}} \right)$	R	H	H	T

13184	10550	1	$\frac{\sqrt[3]{uw}}{v}$	K	CD	CD	CD
13185	10550	2	$\frac{\sqrt[3]{uw}}{v}$	K	CD	CDF	CDF
13186	10550	3	$\frac{\sqrt[3]{uw}}{v}$	K	CDF	CDF	CD
13187	10551	1	$\frac{v}{\sqrt[3]{uw}}$	K	CD	CD	CDI
13188	10551	2	$\frac{v}{\sqrt[3]{uw}}$	K	CD	CDF	CDIF
13189	10551	3	$\frac{v}{\sqrt[3]{uw}}$	K	CDF	CDF	CDI
13190	10552	1	$\frac{\sqrt[3]{uw}\pi}{v}$	K	CD	CD	CDF
13191	10552	2	$\frac{\sqrt[3]{uw}\pi}{v}$	K	CDF	CD	CD
13192	10552	3	$\frac{\sqrt[3]{uw}\pi}{v}$	K	CDF	CDF	CDF
13193	10553	1	$\frac{v}{\sqrt[3]{uw}\pi}$	K	CD	CD	CDIF
13194	10553	2	$\frac{v}{\sqrt[3]{uw}\pi}$	K	CDF	CD	CDI
13195	10553	3	$\frac{v}{\sqrt[3]{uw}\pi}$	K	CDF	CDF	CDIF
13196	10554	1	$\frac{u^{2/3}w^2}{v^2}$	K	CD	CD	AB
13197	10554	2	$\frac{u^{2/3}w^2}{v^2}$	K	CDF	CDF	AB
13198	10555	1	$\sqrt{\frac{\sqrt[3]{uw}}{v}}$	K	CD	CD	R
13199	10555	2	$\sqrt{\frac{\sqrt[3]{uw}}{v}}$	K	CDF	CDF	R
13200	10556	1	$\frac{uw^3}{v^3}$	K	CD	CD	K
13201	10556	2	$\frac{uw^3}{v^3}$	K	CDF	CDF	K

13202	10557	1	$e^{\frac{\sqrt[3]{uw}}{v}}$	K	CD	CD	E
13203	10557	2	$e^{\frac{\sqrt[3]{uw}}{v}}$	K	CDF	CDF	E
13204	10558	1	$\log\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CD	CD	L
13205	10558	2	$\log\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CDF	CDF	L
13206	10559	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CD	CD	S
13207	10559	2	$\arcsin\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CDF	CDF	S
13208	10560	1	$\arctan\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CD	CD	T
13209	10560	2	$\arctan\left(\frac{\sqrt[3]{uw}}{v}\right)$	K	CDF	CDF	T
13210	10561	1	$\sqrt{-\frac{v^2 + u^{2/3}w^2}{v^2}}$	K	CD	CD	P
13211	10561	2	$\sqrt{-\frac{v^2 + u^{2/3}w^2}{v^2}}$	K	CDF	CDF	P
13212	10562	1	$\sqrt{\frac{v^2 + u^{2/3}w^2}{v^2}}$	K	CD	CD	H
13213	10562	2	$\sqrt{\frac{v^2 + u^{2/3}w^2}{v^2}}$	K	CDF	CDF	H
13214	10563	1	$\frac{\sqrt[3]{u}}{vw}$	K	CD	CDI	CD
13215	10563	2	$\frac{\sqrt[3]{u}}{vw}$	K	CD	CDIF	CDF
13216	10563	3	$\frac{\sqrt[3]{u}}{vw}$	K	CDF	CDIF	CD
13217	10564	1	$\frac{vw}{\sqrt[3]{u}}$	K	CD	CDI	CDI
13218	10564	2	$\frac{vw}{\sqrt[3]{u}}$	K	CD	CDIF	CDIF
13219	10564	3	$\frac{vw}{\sqrt[3]{u}}$	K	CDF	CDIF	CDI

13220	10565	1	$\frac{\sqrt[3]{u}\pi}{vw}$	K	CD	CDI	CDF
13221	10565	2	$\frac{\sqrt[3]{u}\pi}{vw}$	K	CDF	CDI	CD
13222	10565	3	$\frac{\sqrt[3]{u}\pi}{vw}$	K	CDF	CDIF	CDF
13223	10566	1	$\frac{vw}{\sqrt[3]{u}\pi}$	K	CD	CDI	CDIF
13224	10566	2	$\frac{vw}{\sqrt[3]{u}\pi}$	K	CDF	CDI	CDI
13225	10566	3	$\frac{vw}{\sqrt[3]{u}\pi}$	K	CDF	CDIF	CDIF
13226	10567	1	$\frac{u^{2/3}}{v^2w^2}$	K	CD	CDI	AB
13227	10567	2	$\frac{u^{2/3}}{v^2w^2}$	K	CDF	CDIF	AB
13228	10568	1	$\sqrt{\frac{\sqrt[3]{u}}{vw}}$	K	CD	CDI	R
13229	10568	2	$\sqrt{\frac{\sqrt[3]{u}}{vw}}$	K	CDF	CDIF	R
13230	10569	1	$\frac{u}{v^3w^3}$	K	CD	CDI	K
13231	10569	2	$\frac{u}{v^3w^3}$	K	CDF	CDIF	K
13232	10570	1	$e^{\frac{\sqrt[3]{u}}{vw}}$	K	CD	CDI	E
13233	10570	2	$e^{\frac{\sqrt[3]{u}}{vw}}$	K	CDF	CDIF	E
13234	10571	1	$\log\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CD	CDI	L
13235	10571	2	$\log\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CDF	CDIF	L
13236	10572	1	$\arcsin\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CD	CDI	S
13237	10572	2	$\arcsin\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CDF	CDIF	S

13238	10573	1	$\arctan\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CD	CDI	T
13239	10573	2	$\arctan\left(\frac{\sqrt[3]{u}}{vw}\right)$	K	CDF	CDIF	T
13240	10574	1	$\sqrt{\frac{v^2w^2 - u^{2/3}}{v^2w^2}}$	K	CD	CDI	P
13241	10574	2	$\sqrt{\frac{v^2w^2 - u^{2/3}}{v^2w^2}}$	K	CDF	CDIF	P
13242	10575	1	$\sqrt{\frac{v^2w^2 + u^{2/3}}{v^2w^2}}$	K	CD	CDI	H
13243	10575	2	$\sqrt{\frac{v^2w^2 + u^{2/3}}{v^2w^2}}$	K	CDF	CDIF	H
13244	10576	1	$\frac{\sqrt[3]{uw}}{v\pi}$	K	CD	CDF	CD
13245	10577	1	$\frac{v\pi}{\sqrt[3]{uw}}$	K	CD	CDF	CDI
13246	10578	1	$\frac{u^{2/3}w^2}{v^2\pi^2}$	K	CD	CDF	AB
13247	10579	1	$\sqrt{\frac{\sqrt[3]{uw}}{v\pi}}$	K	CD	CDF	R
13248	10580	1	$\frac{uw^3}{v^3\pi^3}$	K	CD	CDF	K
13249	10581	1	$e^{\frac{\sqrt[3]{uw}}{v\pi}}$	K	CD	CDF	E
13250	10582	1	$\log\left(\frac{\sqrt[3]{uw}}{v\pi}\right)$	K	CD	CDF	L
13251	10583	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{v\pi}\right)$	K	CD	CDF	S
13252	10584	1	$\arctan\left(\frac{\sqrt[3]{uw}}{v\pi}\right)$	K	CD	CDF	T

13253	10585	1	$\sqrt{\frac{v^2\pi^2 - u^{2/3}w^2}{v^2\pi^2}}$	K	CD	CDF	P
13254	10586	1	$\sqrt{\frac{v^2\pi^2 + u^{2/3}w^2}{v^2\pi^2}}$	K	CD	CDF	H
13255	10587	1	$\frac{\sqrt[3]{u}}{vw\pi}$	K	CD	CDIF	CD
13256	10588	1	$\frac{vw\pi}{\sqrt[3]{u}}$	K	CD	CDIF	CDI
13257	10589	1	$\frac{u^{2/3}}{v^2w^2\pi^2}$	K	CD	CDIF	AB
13258	10590	1	$\sqrt{\frac{\sqrt[3]{u}}{vw\pi}}$	K	CD	CDIF	R
13259	10591	1	$\frac{u}{v^3w^3\pi^3}$	K	CD	CDIF	K
13260	10592	1	$e^{\frac{\sqrt[3]{u}}{vw\pi}}$	K	CD	CDIF	E
13261	10593	1	$\log\left(\frac{\sqrt[3]{u}}{vw\pi}\right)$	K	CD	CDIF	L
13262	10594	1	$\arcsin\left(\frac{\sqrt[3]{u}}{vw\pi}\right)$	K	CD	CDIF	S
13263	10595	1	$\arctan\left(\frac{\sqrt[3]{u}}{vw\pi}\right)$	K	CD	CDIF	T
13264	10596	1	$\sqrt{\frac{v^2w^2\pi^2 - u^{2/3}}{v^2w^2\pi^2}}$	K	CD	CDIF	P
13265	10597	1	$\sqrt{\frac{v^2w^2\pi^2 + u^{2/3}}{v^2w^2\pi^2}}$	K	CD	CDIF	H
13266	10598	1	$\frac{\sqrt[3]{u}\sqrt{w}}{v}$	K	CD	AB	CD
13267	10599	1	$\frac{v}{\sqrt[3]{u}\sqrt{w}}$	K	CD	AB	CDI

13268	10600	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{v}$	K	CD	AB	CDF
13269	10600	2	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{v}$	K	CDF	AB	CD
13270	10601	1	$\frac{v}{\sqrt[3]{u}\sqrt{w}\pi}$	K	CD	AB	CDIF
13271	10601	2	$\frac{v}{\sqrt[3]{u}\sqrt{w}\pi}$	K	CDF	AB	CDI
13272	10602	1	$\frac{u^{2/3}w}{v^2}$	K	CD	AB	AB
13273	10603	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{v}}$	K	CD	AB	R
13274	10604	1	$\frac{uw^{3/2}}{v^3}$	K	CD	AB	K
13275	10605	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{v}}$	K	CD	AB	E
13276	10606	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{v}\right)$	K	CD	AB	L
13277	10607	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{v}\right)$	K	CD	AB	S
13278	10608	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{v}\right)$	K	CD	AB	T
13279	10609	1	$\sqrt{-\frac{v^2 + u^{2/3}w}{v^2}}$	K	CD	AB	P
13280	10610	1	$\sqrt{\frac{v^2 + u^{2/3}w}{v^2}}$	K	CD	AB	H
13281	10611	1	$\frac{\sqrt[3]{u}w^2}{v}$	K	CD	R	CD
13282	10612	1	$\frac{v}{\sqrt[3]{u}w^2}$	K	CD	R	CDI

13283	10613	1	$\frac{\sqrt[3]{u}w^2\pi}{v}$	K	CD	R	CDF
13284	10613	2	$\frac{\sqrt[3]{u}w^2\pi}{v}$	K	CDF	R	CD
13285	10614	1	$\frac{v}{\sqrt[3]{u}w^2\pi}$	K	CD	R	CDIF
13286	10614	2	$\frac{v}{\sqrt[3]{u}w^2\pi}$	K	CDF	R	CDI
13287	10615	1	$\frac{u^{2/3}w^4}{v^2}$	K	CD	R	AB
13288	10616	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{v}}$	K	CD	R	R
13289	10617	1	$\frac{uw^6}{v^3}$	K	CD	R	K
13290	10618	1	$e^{\frac{\sqrt[3]{u}w^2}{v}}$	K	CD	R	E
13291	10619	1	$\log\left(\frac{\sqrt[3]{u}w^2}{v}\right)$	K	CD	R	L
13292	10620	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{v}\right)$	K	CD	R	S
13293	10621	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{v}\right)$	K	CD	R	T
13294	10622	1	$\sqrt{-\frac{v^2 + u^{2/3}w^4}{v^2}}$	K	CD	R	P
13295	10623	1	$\sqrt{\frac{v^2 + u^{2/3}w^4}{v^2}}$	K	CD	R	H
13296	10624	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}$	K	CD	K	CD
13297	10625	1	$\frac{v}{\sqrt[3]{u}\sqrt[3]{w}}$	K	CD	K	CDI
13298	10626	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}$	K	CD	K	CDF

13299	10626	2	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}$	K	CDF	K	CD
13300	10627	1	$\frac{v}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	CD	K	CDIF
13301	10627	2	$\frac{v}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	CDF	K	CDI
13302	10628	1	$\frac{u^{2/3}w^{2/3}}{v^2}$	K	CD	K	AB
13303	10629	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}}$	K	CD	K	R
13304	10630	1	$\frac{uw}{v^3}$	K	CD	K	K
13305	10631	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}}$	K	CD	K	E
13306	10632	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}\right)$	K	CD	K	L
13307	10633	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}\right)$	K	CD	K	S
13308	10634	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v}\right)$	K	CD	K	T
13309	10635	1	$\sqrt{\frac{v^2 - u^{2/3}w^{2/3}}{v^2}}$	K	CD	K	P
13310	10636	1	$\sqrt{\frac{v^2 + u^{2/3}w^{2/3}}{v^2}}$	K	CD	K	H
13311	10637	1	$\frac{\sqrt[3]{u}\ln(w)}{v}$	K	CD	E	CD
13312	10638	1	$\frac{v}{\sqrt[3]{u}\ln(w)}$	K	CD	E	CDI
13313	10639	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{v}$	K	CD	E	CDF
13314	10639	2	$\frac{\sqrt[3]{u}\ln(w)\pi}{v}$	K	CDF	E	CD

13315	10640	1	$\frac{v}{\sqrt[3]{u} \ln(w) \pi}$	K	CD	E	CDIF
13316	10640	2	$\frac{v}{\sqrt[3]{u} \ln(w) \pi}$	K	CDF	E	CDI
13317	10641	1	$\frac{u^{2/3} (\ln(w))^2}{v^2}$	K	CD	E	AB
13318	10642	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{v}}$	K	CD	E	R
13319	10643	1	$\frac{u (\ln(w))^3}{v^3}$	K	CD	E	K
13320	10644	1	$w^{\frac{\sqrt[3]{u}}{v}}$	K	CD	E	E
13321	10645	1	$\log\left(\frac{\sqrt[3]{u} \ln(w)}{v}\right)$	K	CD	E	L
13322	10646	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w)}{v}\right)$	K	CD	E	S
13323	10647	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w)}{v}\right)$	K	CD	E	T
13324	10648	1	$\sqrt{\frac{v^2 - u^{2/3} (\ln(w))^2}{v^2}}$	K	CD	E	P
13325	10649	1	$\sqrt{\frac{v^2 + u^{2/3} (\ln(w))^2}{v^2}}$	K	CD	E	H
13326	10650	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{v}$	K	CD	L	CD
13327	10651	1	$\frac{v}{\sqrt[3]{u} \text{Exp}(w)}$	K	CD	L	CDI
13328	10652	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{v}$	K	CD	L	CDF
13329	10652	2	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{v}$	K	CDF	L	CD

13330	10653	1	$\frac{v}{\sqrt[3]{u}Exp(w)\pi}$	K	CD	L	CDIF
13331	10653	2	$\frac{v}{\sqrt[3]{u}Exp(w)\pi}$	K	CDF	L	CDI
13332	10654	1	$\frac{u^{2/3}(Exp(w))^2}{v^2}$	K	CD	L	AB
13333	10655	1	$\sqrt{\frac{\sqrt[3]{u}Exp(w)}{v}}$	K	CD	L	R
13334	10656	1	$\frac{u(Exp(w))^3}{v^3}$	K	CD	L	K
13335	10657	1	$e^{\frac{\sqrt[3]{u}Exp(w)}{v}}$	K	CD	L	E
13336	10658	1	$\log\left(\frac{\sqrt[3]{u}Exp(w)}{v}\right)$	K	CD	L	L
13337	10659	1	$\arcsin\left(\frac{\sqrt[3]{u}Exp(w)}{v}\right)$	K	CD	L	S
13338	10660	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{v}\right)$	K	CD	L	T
13339	10661	1	$\sqrt{\frac{v^2 - u^{2/3}(Exp(w))^2}{v^2}}$	K	CD	L	P
13340	10662	1	$\sqrt{\frac{v^2 + u^{2/3}(Exp(w))^2}{v^2}}$	K	CD	L	H
13341	10663	1	$\frac{\sqrt[3]{u}\sin(w)}{v}$	K	CD	S	CD
13342	10664	1	$\frac{v}{\sqrt[3]{u}\sin(w)}$	K	CD	S	CDI
13343	10665	1	$\frac{\sqrt[3]{u}\sin(w)\pi}{v}$	K	CD	S	CDF
13344	10665	2	$\frac{\sqrt[3]{u}\sin(w)\pi}{v}$	K	CDF	S	CD

13345	10666	1	$\frac{v}{\sqrt[3]{u} \sin(w) \pi}$	K	CD	S	CDIF
13346	10666	2	$\frac{v}{\sqrt[3]{u} \sin(w) \pi}$	K	CDF	S	CDI
13347	10667	1	$\frac{u^{2/3} (\sin(w))^2}{v^2}$	K	CD	S	AB
13348	10668	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{v}}$	K	CD	S	R
13349	10669	1	$\frac{u (\sin(w))^3}{v^3}$	K	CD	S	K
13350	10670	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{v}}$	K	CD	S	E
13351	10671	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{v}\right)$	K	CD	S	L
13352	10672	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{v}\right)$	K	CD	S	S
13353	10673	1	$\arctan\left(\frac{\sqrt[3]{u} \sin(w)}{v}\right)$	K	CD	S	T
13354	10674	1	$\sqrt{\frac{v^2 + u^{2/3} (\cos(w))^2 - u^{2/3}}{v^2}}$	K	CD	S	P
13355	10675	1	$\sqrt{\frac{v^2 - u^{2/3} (\cos(w))^2 + u^{2/3}}{v^2}}$	K	CD	S	H
13356	10676	1	$\frac{\sqrt[3]{u} \tan(w)}{v}$	K	CD	T	CD
13357	10677	1	$\frac{v}{\sqrt[3]{u} \tan(w)}$	K	CD	T	CDI
13358	10678	1	$\frac{\sqrt[3]{u} \tan(w) \pi}{v}$	K	CD	T	CDF
13359	10678	2	$\frac{\sqrt[3]{u} \tan(w) \pi}{v}$	K	CDF	T	CD

13360	10679	1	$\frac{v}{\sqrt[3]{u} \tan(w) \pi}$	K	CD	T	CDIF
13361	10679	2	$\frac{v}{\sqrt[3]{u} \tan(w) \pi}$	K	CDF	T	CDI
13362	10680	1	$\frac{u^{2/3} (\tan(w))^2}{v^2}$	K	CD	T	AB
13363	10681	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{v}}$	K	CD	T	R
13364	10682	1	$\frac{u (\tan(w))^3}{v^3}$	K	CD	T	K
13365	10683	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{v}}$	K	CD	T	E
13366	10684	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{v}\right)$	K	CD	T	L
13367	10685	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{v}\right)$	K	CD	T	S
13368	10686	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{v}\right)$	K	CD	T	T
13369	10687	1	$\sqrt{\frac{v^2 - u^{2/3} (\tan(w))^2}{v^2}}$	K	CD	T	P
13370	10688	1	$\sqrt{\frac{v^2 + u^{2/3} (\tan(w))^2}{v^2}}$	K	CD	T	H
13371	10689	1	$\frac{\sqrt[3]{u} \sqrt{1 - w^2}}{v}$	K	CD	P	CD
13372	10690	1	$\frac{v}{\sqrt[3]{u} \sqrt{1 - w^2}}$	K	CD	P	CDI
13373	10691	1	$\frac{\sqrt[3]{u} \sqrt{1 - w^2} \pi}{v}$	K	CD	P	CDF
13374	10691	2	$\frac{\sqrt[3]{u} \sqrt{1 - w^2} \pi}{v}$	K	CDF	P	CD

13375	10692	1	$\frac{v}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	CD	P	CDIF
13376	10692	2	$\frac{v}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	CDF	P	CDI
13377	10693	1	$-\frac{u^{2/3}(-1+w^2)}{v^2}$	K	CD	P	AB
13378	10694	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{v}}$	K	CD	P	R
13379	10695	1	$\frac{u(1-w^2)^{3/2}}{v^3}$	K	CD	P	K
13380	10696	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{v}}$	K	CD	P	E
13381	10697	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{v}\right)$	K	CD	P	L
13382	10698	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{v}\right)$	K	CD	P	S
13383	10699	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{v}\right)$	K	CD	P	T
13384	10700	1	$\sqrt{\frac{v^2 - u^{2/3} + u^{2/3}w^2}{v^2}}$	K	CD	P	P
13385	10700	2	$\sqrt{\frac{v^2 - u^{2/3} + u^{2/3}w^2}{v^2}}$	K	CD	H	H
13386	10701	1	$\sqrt{-\frac{-v^2 - u^{2/3} + u^{2/3}w^2}{v^2}}$	K	CD	P	H
13387	10701	2	$\sqrt{-\frac{-v^2 - u^{2/3} + u^{2/3}w^2}{v^2}}$	K	CD	H	P
13388	10702	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}$	K	CD	H	CD
13389	10703	1	$\frac{v}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	CD	H	CDI

13390	10704 1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}$	K	CD	H	CDF
13391	10704 2	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}$	K	CDF	H	CD
13392	10705 1	$\frac{v}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	CD	H	CDIF
13393	10705 2	$\frac{v}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	CDF	H	CDI
13394	10706 1	$\frac{u^{2/3}(-1+w^2)}{v^2}$	K	CD	H	AB
13395	10707 1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}}$	K	CD	H	R
13396	10708 1	$\frac{u(-1+w^2)^{3/2}}{v^3}$	K	CD	H	K
13397	10709 1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}}$	K	CD	H	E
13398	10710 1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}\right)$	K	CD	H	L
13399	10711 1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}\right)$	K	CD	H	S
13400	10712 1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{v}\right)$	K	CD	H	T
13401	10713 1	$\sqrt[3]{u}vw$	K	CDI	CD	CD
13402	10713 2	$\sqrt[3]{u}vw$	K	CDI	CDF	CDF
13403	10713 3	$\sqrt[3]{u}vw$	K	CDIF	CDF	CD
13404	10714 1	$\frac{1}{\sqrt[3]{u}vw}$	K	CDI	CD	CDI
13405	10714 2	$\frac{1}{\sqrt[3]{u}vw}$	K	CDI	CDF	CDIF

13406	10714 3	$\frac{1}{\sqrt[3]{uvw}}$	K	CDIF	CDF	CDI
13407	10715 1	$\sqrt[3]{uvw}\pi$	K	CDI	CD	CDF
13408	10715 2	$\sqrt[3]{uvw}\pi$	K	CDIF	CD	CD
13409	10715 3	$\sqrt[3]{uvw}\pi$	K	CDIF	CDF	CDF
13410	10716 1	$\frac{1}{\sqrt[3]{uvw}\pi}$	K	CDI	CD	CDIF
13411	10716 2	$\frac{1}{\sqrt[3]{uvw}\pi}$	K	CDIF	CD	CDI
13412	10716 3	$\frac{1}{\sqrt[3]{uvw}\pi}$	K	CDIF	CDF	CDIF
13413	10717 1	$u^{2/3}v^2w^2$	K	CDI	CD	AB
13414	10717 2	$u^{2/3}v^2w^2$	K	CDIF	CDF	AB
13415	10718 1	$\sqrt{\sqrt[3]{uvw}}$	K	CDI	CD	R
13416	10718 2	$\sqrt{\sqrt[3]{uvw}}$	K	CDIF	CDF	R
13417	10719 1	uv^3w^3	K	CDI	CD	K
13418	10719 2	uv^3w^3	K	CDIF	CDF	K
13419	10720 1	$e^{\sqrt[3]{uvw}}$	K	CDI	CD	E
13420	10720 2	$e^{\sqrt[3]{uvw}}$	K	CDIF	CDF	E
13421	10721 1	$\log(\sqrt[3]{uvw})$	K	CDI	CD	L
13422	10721 2	$\log(\sqrt[3]{uvw})$	K	CDIF	CDF	L
13423	10722 1	$\arcsin(\sqrt[3]{uvw})$	K	CDI	CD	S
13424	10722 2	$\arcsin(\sqrt[3]{uvw})$	K	CDIF	CDF	S
13425	10723 1	$\arctan(\sqrt[3]{uvw})$	K	CDI	CD	T
13426	10723 2	$\arctan(\sqrt[3]{uvw})$	K	CDIF	CDF	T

13427	10724	1	$\sqrt{1 - u^{2/3}v^2w^2}$	K	CDI	CD	P
13428	10724	2	$\sqrt{1 - u^{2/3}v^2w^2}$	K	CDIF	CDF	P
13429	10725	1	$\sqrt{1 + u^{2/3}v^2w^2}$	K	CDI	CD	H
13430	10725	2	$\sqrt{1 + u^{2/3}v^2w^2}$	K	CDIF	CDF	H
13431	10726	1	$\frac{\sqrt[3]{uv}}{w}$	K	CDI	CDI	CD
13432	10726	2	$\frac{\sqrt[3]{uv}}{w}$	K	CDI	CDIF	CDF
13433	10726	3	$\frac{\sqrt[3]{uv}}{w}$	K	CDIF	CDIF	CD
13434	10727	1	$\frac{w}{\sqrt[3]{uv}}$	K	CDI	CDI	CDI
13435	10727	2	$\frac{w}{\sqrt[3]{uv}}$	K	CDI	CDIF	CDIF
13436	10727	3	$\frac{w}{\sqrt[3]{uv}}$	K	CDIF	CDIF	CDI
13437	10728	1	$\frac{\sqrt[3]{uv}\pi}{w}$	K	CDI	CDI	CDF
13438	10728	2	$\frac{\sqrt[3]{uv}\pi}{w}$	K	CDIF	CDI	CD
13439	10728	3	$\frac{\sqrt[3]{uv}\pi}{w}$	K	CDIF	CDIF	CDF
13440	10729	1	$\frac{w}{\sqrt[3]{uv}\pi}$	K	CDI	CDI	CDIF
13441	10729	2	$\frac{w}{\sqrt[3]{uv}\pi}$	K	CDIF	CDI	CDI
13442	10729	3	$\frac{w}{\sqrt[3]{uv}\pi}$	K	CDIF	CDIF	CDIF
13443	10730	1	$\frac{u^{2/3}v^2}{w^2}$	K	CDI	CDI	AB
13444	10730	2	$\frac{u^{2/3}v^2}{w^2}$	K	CDIF	CDIF	AB
13445	10731	1	$\sqrt{\frac{\sqrt[3]{uv}}{w}}$	K	CDI	CDI	R

13446	10731	2	$\sqrt{\frac{\sqrt[3]{uv}}{w}}$	K	CDIF	CDIF	R
13447	10732	1	$\frac{uv^3}{w^3}$	K	CDI	CDI	K
13448	10732	2	$\frac{uv^3}{w^3}$	K	CDIF	CDIF	K
13449	10733	1	$e^{\frac{\sqrt[3]{uv}}{w}}$	K	CDI	CDI	E
13450	10733	2	$e^{\frac{\sqrt[3]{uv}}{w}}$	K	CDIF	CDIF	E
13451	10734	1	$\log\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDI	CDI	L
13452	10734	2	$\log\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDIF	CDIF	L
13453	10735	1	$\arcsin\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDI	CDI	S
13454	10735	2	$\arcsin\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDIF	CDIF	S
13455	10736	1	$\arctan\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDI	CDI	T
13456	10736	2	$\arctan\left(\frac{\sqrt[3]{uv}}{w}\right)$	K	CDIF	CDIF	T
13457	10737	1	$\sqrt{\frac{w^2 - u^{2/3}v^2}{w^2}}$	K	CDI	CDI	P
13458	10737	2	$\sqrt{\frac{w^2 - u^{2/3}v^2}{w^2}}$	K	CDIF	CDIF	P
13459	10738	1	$\sqrt{\frac{w^2 + u^{2/3}v^2}{w^2}}$	K	CDI	CDI	H
13460	10738	2	$\sqrt{\frac{w^2 + u^{2/3}v^2}{w^2}}$	K	CDIF	CDIF	H
13461	10739	1	$\frac{\sqrt[3]{uvw}}{\pi}$	K	CDI	CDF	CD
13462	10740	1	$\frac{\pi}{\sqrt[3]{uvw}}$	K	CDI	CDF	CDI

13463	10741	1	$\frac{u^{2/3}v^2w^2}{\pi^2}$	K	CDI	CDF	AB
13464	10742	1	$\sqrt{\frac{\sqrt[3]{uvw}}{\pi}}$	K	CDI	CDF	R
13465	10743	1	$\frac{uv^3w^3}{\pi^3}$	K	CDI	CDF	K
13466	10744	1	$e^{\frac{\sqrt[3]{uvw}}{\pi}}$	K	CDI	CDF	E
13467	10745	1	$\log\left(\frac{\sqrt[3]{uvw}}{\pi}\right)$	K	CDI	CDF	L
13468	10746	1	$\arcsin\left(\frac{\sqrt[3]{uvw}}{\pi}\right)$	K	CDI	CDF	S
13469	10747	1	$\arctan\left(\frac{\sqrt[3]{uvw}}{\pi}\right)$	K	CDI	CDF	T
13470	10748	1	$\sqrt{\frac{\pi^2 - u^{2/3}v^2w^2}{\pi^2}}$	K	CDI	CDF	P
13471	10749	1	$\sqrt{\frac{\pi^2 + u^{2/3}v^2w^2}{\pi^2}}$	K	CDI	CDF	H
13472	10750	1	$\frac{\sqrt[3]{uv}}{w\pi}$	K	CDI	CDIF	CD
13473	10751	1	$\frac{w\pi}{\sqrt[3]{uv}}$	K	CDI	CDIF	CDI
13474	10752	1	$\frac{u^{2/3}v^2}{w^2\pi^2}$	K	CDI	CDIF	AB
13475	10753	1	$\sqrt{\frac{\sqrt[3]{uv}}{w\pi}}$	K	CDI	CDIF	R
13476	10754	1	$\frac{uv^3}{w^3\pi^3}$	K	CDI	CDIF	K

13477	10755	1	$e^{\frac{\sqrt[3]{uv}}{w\pi}}$	K	CDI	CDIF	E
13478	10756	1	$\log\left(\frac{\sqrt[3]{uv}}{w\pi}\right)$	K	CDI	CDIF	L
13479	10757	1	$\arcsin\left(\frac{\sqrt[3]{uv}}{w\pi}\right)$	K	CDI	CDIF	S
13480	10758	1	$\arctan\left(\frac{\sqrt[3]{uv}}{w\pi}\right)$	K	CDI	CDIF	T
13481	10759	1	$\sqrt{\frac{w^2\pi^2 - u^{2/3}v^2}{w^2\pi^2}}$	K	CDI	CDIF	P
13482	10760	1	$\sqrt{\frac{w^2\pi^2 + u^{2/3}v^2}{w^2\pi^2}}$	K	CDI	CDIF	H
13483	10761	1	$\sqrt[3]{uv}\sqrt{w}$	K	CDI	AB	CD
13484	10762	1	$\frac{1}{\sqrt[3]{uv}\sqrt{w}}$	K	CDI	AB	CDI
13485	10763	1	$\sqrt[3]{uv}\sqrt{w}\pi$	K	CDI	AB	CDF
13486	10763	2	$\sqrt[3]{uv}\sqrt{w}\pi$	K	CDIF	AB	CD
13487	10764	1	$\frac{1}{\sqrt[3]{uv}\sqrt{w}\pi}$	K	CDI	AB	CDIF
13488	10764	2	$\frac{1}{\sqrt[3]{uv}\sqrt{w}\pi}$	K	CDIF	AB	CDI
13489	10765	1	$u^{2/3}v^2w$	K	CDI	AB	AB
13490	10766	1	$\sqrt{\sqrt[3]{uv}\sqrt{w}}$	K	CDI	AB	R
13491	10767	1	$uv^3w^{3/2}$	K	CDI	AB	K
13492	10768	1	$e^{\sqrt[3]{uv}\sqrt{w}}$	K	CDI	AB	E

13493	10769	1	$\log \left(\sqrt[3]{uv} \sqrt{w} \right)$	K	CDI	AB	L
13494	10770	1	$\arcsin \left(\sqrt[3]{uv} \sqrt{w} \right)$	K	CDI	AB	S
13495	10771	1	$\arctan \left(\sqrt[3]{uv} \sqrt{w} \right)$	K	CDI	AB	T
13496	10772	1	$\sqrt{1 - u^{2/3} v^2 w}$	K	CDI	AB	P
13497	10773	1	$\sqrt{1 + u^{2/3} v^2 w}$	K	CDI	AB	H
13498	10774	1	$\sqrt[3]{uvw^2}$	K	CDI	R	CD
13499	10775	1	$\frac{1}{\sqrt[3]{uvw^2}}$	K	CDI	R	CDI
13500	10776	1	$\sqrt[3]{uvw^2} \pi$	K	CDI	R	CDF
13501	10776	2	$\sqrt[3]{uvw^2} \pi$	K	CDIF	R	CD
13502	10777	1	$\frac{1}{\sqrt[3]{uvw^2} \pi}$	K	CDI	R	CDIF
13503	10777	2	$\frac{1}{\sqrt[3]{uvw^2} \pi}$	K	CDIF	R	CDI
13504	10778	1	$u^{2/3} v^2 w^4$	K	CDI	R	AB
13505	10779	1	$\sqrt{\sqrt[3]{uvw^2}}$	K	CDI	R	R
13506	10780	1	$uv^3 w^6$	K	CDI	R	K
13507	10781	1	$e^{\sqrt[3]{uvw^2}}$	K	CDI	R	E
13508	10782	1	$\log \left(\sqrt[3]{uvw^2} \right)$	K	CDI	R	L
13509	10783	1	$\arcsin \left(\sqrt[3]{uvw^2} \right)$	K	CDI	R	S

13510	10784	1	$\arctan\left(\sqrt[3]{uvw^2}\right)$	K	CDI	R	T
13511	10785	1	$\sqrt{1-u^{2/3}v^2w^4}$	K	CDI	R	P
13512	10786	1	$\sqrt{1+u^{2/3}v^2w^4}$	K	CDI	R	H
13513	10787	1	$\sqrt[3]{uv}\sqrt[3]{w}$	K	CDI	K	CD
13514	10788	1	$\frac{1}{\sqrt[3]{uv}\sqrt[3]{w}}$	K	CDI	K	CDI
13515	10789	1	$\sqrt[3]{uv}\sqrt[3]{w}\pi$	K	CDI	K	CDF
13516	10789	2	$\sqrt[3]{uv}\sqrt[3]{w}\pi$	K	CDIF	K	CD
13517	10790	1	$\frac{1}{\sqrt[3]{uv}\sqrt[3]{w}\pi}$	K	CDI	K	CDIF
13518	10790	2	$\frac{1}{\sqrt[3]{uv}\sqrt[3]{w}\pi}$	K	CDIF	K	CDI
13519	10791	1	$u^{2/3}v^2w^{2/3}$	K	CDI	K	AB
13520	10792	1	$\sqrt{\sqrt[3]{uv}\sqrt[3]{w}}$	K	CDI	K	R
13521	10793	1	uv^3w	K	CDI	K	K
13522	10794	1	$e^{\sqrt[3]{uv}\sqrt[3]{w}}$	K	CDI	K	E
13523	10795	1	$\log\left(\sqrt[3]{uv}\sqrt[3]{w}\right)$	K	CDI	K	L
13524	10796	1	$\arcsin\left(\sqrt[3]{uv}\sqrt[3]{w}\right)$	K	CDI	K	S
13525	10797	1	$\arctan\left(\sqrt[3]{uv}\sqrt[3]{w}\right)$	K	CDI	K	T
13526	10798	1	$\sqrt{1-u^{2/3}v^2w^{2/3}}$	K	CDI	K	P

13527	10799	1	$\sqrt{1 + u^{2/3}v^2w^{2/3}}$	K	CDI	K	H
13528	10800	1	$\sqrt[3]{uv} \ln(w)$	K	CDI	E	CD
13529	10801	1	$\frac{1}{\sqrt[3]{uv} \ln(w)}$	K	CDI	E	CDI
13530	10802	1	$\sqrt[3]{uv} \ln(w) \pi$	K	CDI	E	CDF
13531	10802	2	$\sqrt[3]{uv} \ln(w) \pi$	K	CDIF	E	CD
13532	10803	1	$\frac{1}{\sqrt[3]{uv} \ln(w) \pi}$	K	CDI	E	CDIF
13533	10803	2	$\frac{1}{\sqrt[3]{uv} \ln(w) \pi}$	K	CDIF	E	CDI
13534	10804	1	$u^{2/3}v^2 (\ln(w))^2$	K	CDI	E	AB
13535	10805	1	$\sqrt{\sqrt[3]{uv} \ln(w)}$	K	CDI	E	R
13536	10806	1	$uv^3 (\ln(w))^3$	K	CDI	E	K
13537	10807	1	$w^{\sqrt[3]{uv}}$	K	CDI	E	E
13538	10808	1	$\log(\sqrt[3]{uv} \ln(w))$	K	CDI	E	L
13539	10809	1	$\arcsin(\sqrt[3]{uv} \ln(w))$	K	CDI	E	S
13540	10810	1	$\arctan(\sqrt[3]{uv} \ln(w))$	K	CDI	E	T
13541	10811	1	$\sqrt{1 - u^{2/3}v^2 (\ln(w))^2}$	K	CDI	E	P
13542	10812	1	$\sqrt{1 + u^{2/3}v^2 (\ln(w))^2}$	K	CDI	E	H
13543	10813	1	$\sqrt[3]{uv} \text{Exp}(w)$	K	CDI	L	CD

13544	10814	1	$\frac{1}{\sqrt[3]{uv}Exp(w)}$	K	CDI	L	CDI
13545	10815	1	$\sqrt[3]{uv}Exp(w)\pi$	K	CDI	L	CDF
13546	10815	2	$\sqrt[3]{uv}Exp(w)\pi$	K	CDIF	L	CD
13547	10816	1	$\frac{1}{\sqrt[3]{uv}Exp(w)\pi}$	K	CDI	L	CDIF
13548	10816	2	$\frac{1}{\sqrt[3]{uv}Exp(w)\pi}$	K	CDIF	L	CDI
13549	10817	1	$u^{2/3}v^2(Exp(w))^2$	K	CDI	L	AB
13550	10818	1	$\sqrt{\sqrt[3]{uv}Exp(w)}$	K	CDI	L	R
13551	10819	1	$uv^3(Exp(w))^3$	K	CDI	L	K
13552	10820	1	$e^{\sqrt[3]{uv}Exp(w)}$	K	CDI	L	E
13553	10821	1	$\log(\sqrt[3]{uv}Exp(w))$	K	CDI	L	L
13554	10822	1	$\arcsin(\sqrt[3]{uv}Exp(w))$	K	CDI	L	S
13555	10823	1	$\arctan(\sqrt[3]{uv}Exp(w))$	K	CDI	L	T
13556	10824	1	$\sqrt{1 - u^{2/3}v^2(Exp(w))^2}$	K	CDI	L	P
13557	10825	1	$\sqrt{1 + u^{2/3}v^2(Exp(w))^2}$	K	CDI	L	H
13558	10826	1	$\sqrt[3]{uv}\sin(w)$	K	CDI	S	CD
13559	10827	1	$\frac{1}{\sqrt[3]{uv}\sin(w)}$	K	CDI	S	CDI
13560	10828	1	$\sqrt[3]{uv}\sin(w)\pi$	K	CDI	S	CDF

13561	10828	2	$\sqrt[3]{uv} \sin(w) \pi$	K	CDIF	S	CD
13562	10829	1	$\frac{1}{\sqrt[3]{uv} \sin(w) \pi}$	K	CDI	S	CDIF
13563	10829	2	$\frac{1}{\sqrt[3]{uv} \sin(w) \pi}$	K	CDIF	S	CDI
13564	10830	1	$u^{2/3} v^2 (\sin(w))^2$	K	CDI	S	AB
13565	10831	1	$\sqrt{\sqrt[3]{uv} \sin(w)}$	K	CDI	S	R
13566	10832	1	$uv^3 (\sin(w))^3$	K	CDI	S	K
13567	10833	1	$e^{\sqrt[3]{uv} \sin(w)}$	K	CDI	S	E
13568	10834	1	$\log(\sqrt[3]{uv} \sin(w))$	K	CDI	S	L
13569	10835	1	$\arcsin(\sqrt[3]{uv} \sin(w))$	K	CDI	S	S
13570	10836	1	$\arctan(\sqrt[3]{uv} \sin(w))$	K	CDI	S	T
13571	10837	1	$\sqrt{1 + u^{2/3} v^2 (\cos(w))^2 - u^{2/3} v^2}$	K	CDI	S	P
13572	10838	1	$\sqrt{1 - u^{2/3} v^2 (\cos(w))^2 + u^{2/3} v^2}$	K	CDI	S	H
13573	10839	1	$\sqrt[3]{uv} \tan(w)$	K	CDI	T	CD
13574	10840	1	$\frac{1}{\sqrt[3]{uv} \tan(w)}$	K	CDI	T	CDI
13575	10841	1	$\sqrt[3]{uv} \tan(w) \pi$	K	CDI	T	CDF
13576	10841	2	$\sqrt[3]{uv} \tan(w) \pi$	K	CDIF	T	CD
13577	10842	1	$\frac{1}{\sqrt[3]{uv} \tan(w) \pi}$	K	CDI	T	CDIF

13578	10842	2	$\frac{1}{\sqrt[3]{uv} \tan(w) \pi}$	K	CDIF	T	CDI
13579	10843	1	$u^{2/3} v^2 (\tan(w))^2$	K	CDI	T	AB
13580	10844	1	$\sqrt{\sqrt[3]{uv} \tan(w)}$	K	CDI	T	R
13581	10845	1	$uv^3 (\tan(w))^3$	K	CDI	T	K
13582	10846	1	$e^{\sqrt[3]{uv} \tan(w)}$	K	CDI	T	E
13583	10847	1	$\log(\sqrt[3]{uv} \tan(w))$	K	CDI	T	L
13584	10848	1	$\arcsin(\sqrt[3]{uv} \tan(w))$	K	CDI	T	S
13585	10849	1	$\arctan(\sqrt[3]{uv} \tan(w))$	K	CDI	T	T
13586	10850	1	$\sqrt{1 - u^{2/3} v^2 (\tan(w))^2}$	K	CDI	T	P
13587	10851	1	$\sqrt{1 + u^{2/3} v^2 (\tan(w))^2}$	K	CDI	T	H
13588	10852	1	$\sqrt[3]{uv} \sqrt{1 - w^2}$	K	CDI	P	CD
13589	10853	1	$\frac{1}{\sqrt[3]{uv} \sqrt{1 - w^2}}$	K	CDI	P	CDI
13590	10854	1	$\sqrt[3]{uv} \sqrt{1 - w^2} \pi$	K	CDI	P	CDF
13591	10854	2	$\sqrt[3]{uv} \sqrt{1 - w^2} \pi$	K	CDIF	P	CD
13592	10855	1	$\frac{1}{\sqrt[3]{uv} \sqrt{1 - w^2} \pi}$	K	CDI	P	CDIF
13593	10855	2	$\frac{1}{\sqrt[3]{uv} \sqrt{1 - w^2} \pi}$	K	CDIF	P	CDI
13594	10856	1	$-u^{2/3} v^2 (-1 + w^2)$	K	CDI	P	AB

13595	10857	1	$\sqrt{\sqrt[3]{uv}\sqrt{1-w^2}}$	K	CDI	P	R
13596	10858	1	$uv^3(1-w^2)^{3/2}$	K	CDI	P	K
13597	10859	1	$e^{\sqrt[3]{uv}\sqrt{1-w^2}}$	K	CDI	P	E
13598	10860	1	$\log\left(\sqrt[3]{uv}\sqrt{1-w^2}\right)$	K	CDI	P	L
13599	10861	1	$\arcsin\left(\sqrt[3]{uv}\sqrt{1-w^2}\right)$	K	CDI	P	S
13600	10862	1	$\arctan\left(\sqrt[3]{uv}\sqrt{1-w^2}\right)$	K	CDI	P	T
13601	10863	1	$\sqrt{1-u^{2/3}v^2+u^{2/3}v^2w^2}$	K	CDI	P	P
13602	10863	2	$\sqrt{1-u^{2/3}v^2+u^{2/3}v^2w^2}$	K	CDI	H	H
13603	10864	1	$\sqrt{1+u^{2/3}v^2-u^{2/3}v^2w^2}$	K	CDI	P	H
13604	10864	2	$\sqrt{1+u^{2/3}v^2-u^{2/3}v^2w^2}$	K	CDI	H	P
13605	10865	1	$\sqrt[3]{uv}\sqrt{-1+w^2}$	K	CDI	H	CD
13606	10866	1	$\frac{1}{\sqrt[3]{uv}\sqrt{-1+w^2}}$	K	CDI	H	CDI
13607	10867	1	$\sqrt[3]{uv}\sqrt{-1+w^2}\pi$	K	CDI	H	CDF
13608	10867	2	$\sqrt[3]{uv}\sqrt{-1+w^2}\pi$	K	CDIF	H	CD
13609	10868	1	$\frac{1}{\sqrt[3]{uv}\sqrt{-1+w^2}\pi}$	K	CDI	H	CDIF
13610	10868	2	$\frac{1}{\sqrt[3]{uv}\sqrt{-1+w^2}\pi}$	K	CDIF	H	CDI
13611	10869	1	$u^{2/3}v^2(-1+w^2)$	K	CDI	H	AB
13612	10870	1	$\sqrt{\sqrt[3]{uv}\sqrt{-1+w^2}}$	K	CDI	H	R

13613	10871	1	$uv^3(-1+w^2)^{3/2}$	K	CDI	H	K
13614	10872	1	$e^{\sqrt[3]{uv}\sqrt{-1+w^2}}$	K	CDI	H	E
13615	10873	1	$\log\left(\sqrt[3]{uv}\sqrt{-1+w^2}\right)$	K	CDI	H	L
13616	10874	1	$\arcsin\left(\sqrt[3]{uv}\sqrt{-1+w^2}\right)$	K	CDI	H	S
13617	10875	1	$\arctan\left(\sqrt[3]{uv}\sqrt{-1+w^2}\right)$	K	CDI	H	T
13618	10876	1	$\frac{\sqrt[3]{uw}\pi^2}{v}$	K	CDF	CD	CDF
13619	10877	1	$\frac{v}{\sqrt[3]{uw}\pi^2}$	K	CDF	CD	CDIF
13620	10878	1	$\frac{u^{2/3}w^2\pi^2}{v^2}$	K	CDF	CD	AB
13621	10879	1	$\sqrt{\frac{\sqrt[3]{uw}\pi}{v}}$	K	CDF	CD	R
13622	10880	1	$\frac{uw^3\pi^3}{v^3}$	K	CDF	CD	K
13623	10881	1	$e^{\frac{\sqrt[3]{uw}\pi}{v}}$	K	CDF	CD	E
13624	10882	1	$\log\left(\frac{\sqrt[3]{uw}\pi}{v}\right)$	K	CDF	CD	L
13625	10883	1	$\arcsin\left(\frac{\sqrt[3]{uw}\pi}{v}\right)$	K	CDF	CD	S
13626	10884	1	$\arctan\left(\frac{\sqrt[3]{uw}\pi}{v}\right)$	K	CDF	CD	T
13627	10885	1	$\sqrt{-\frac{v^2+u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	CD	P

13628	10886	1	$\sqrt{\frac{v^2 + u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	CD	H
13629	10887	1	$\frac{\sqrt[3]{u}\pi^2}{vw}$	K	CDF	CDI	CDF
13630	10888	1	$\frac{vw}{\sqrt[3]{u}\pi^2}$	K	CDF	CDI	CDIF
13631	10889	1	$\frac{u^{2/3}\pi^2}{v^2w^2}$	K	CDF	CDI	AB
13632	10890	1	$\sqrt{\frac{\sqrt[3]{u}\pi}{vw}}$	K	CDF	CDI	R
13633	10891	1	$\frac{u\pi^3}{v^3w^3}$	K	CDF	CDI	K
13634	10892	1	$e^{\frac{\sqrt[3]{u}\pi}{vw}}$	K	CDF	CDI	E
13635	10893	1	$\log\left(\frac{\sqrt[3]{u}\pi}{vw}\right)$	K	CDF	CDI	L
13636	10894	1	$\arcsin\left(\frac{\sqrt[3]{u}\pi}{vw}\right)$	K	CDF	CDI	S
13637	10895	1	$\arctan\left(\frac{\sqrt[3]{u}\pi}{vw}\right)$	K	CDF	CDI	T
13638	10896	1	$\sqrt{-\frac{v^2w^2 + u^{2/3}\pi^2}{v^2w^2}}$	K	CDF	CDI	P
13639	10897	1	$\sqrt{\frac{v^2w^2 + u^{2/3}\pi^2}{v^2w^2}}$	K	CDF	CDI	H
13640	10898	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi^2}{v}$	K	CDF	AB	CDF
13641	10899	1	$\frac{v}{\sqrt[3]{u}\sqrt{w}\pi^2}$	K	CDF	AB	CDIF
13642	10900	1	$\frac{u^{2/3}w\pi^2}{v^2}$	K	CDF	AB	AB

13643	10901	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w\pi}}{v}}$	K	CDF	AB	R
13644	10902	1	$\frac{uw^{3/2}\pi^3}{v^3}$	K	CDF	AB	K
13645	10903	1	$e^{\frac{\sqrt[3]{u}\sqrt{w\pi}}{v}}$	K	CDF	AB	E
13646	10904	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w\pi}}{v}\right)$	K	CDF	AB	L
13647	10905	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w\pi}}{v}\right)$	K	CDF	AB	S
13648	10906	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w\pi}}{v}\right)$	K	CDF	AB	T
13649	10907	1	$\sqrt{-\frac{v^2 + u^{2/3}w\pi^2}{v^2}}$	K	CDF	AB	P
13650	10908	1	$\sqrt{\frac{v^2 + u^{2/3}w\pi^2}{v^2}}$	K	CDF	AB	H
13651	10909	1	$\frac{\sqrt[3]{u}w^2\pi^2}{v}$	K	CDF	R	CDF
13652	10910	1	$\frac{v}{\sqrt[3]{u}w^2\pi^2}$	K	CDF	R	CDIF
13653	10911	1	$\frac{u^{2/3}w^4\pi^2}{v^2}$	K	CDF	R	AB
13654	10912	1	$\sqrt{\frac{\sqrt[3]{u}w^2\pi}{v}}$	K	CDF	R	R
13655	10913	1	$\frac{uw^6\pi^3}{v^3}$	K	CDF	R	K
13656	10914	1	$e^{\frac{\sqrt[3]{u}w^2\pi}{v}}$	K	CDF	R	E

13657	10915	1	$\log\left(\frac{\sqrt[3]{u}w^2\pi}{v}\right)$	K	CDF	R	L
13658	10916	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2\pi}{v}\right)$	K	CDF	R	S
13659	10917	1	$\arctan\left(\frac{\sqrt[3]{u}w^2\pi}{v}\right)$	K	CDF	R	T
13660	10918	1	$\sqrt{-\frac{-v^2+u^{2/3}w^4\pi^2}{v^2}}$	K	CDF	R	P
13661	10919	1	$\sqrt{\frac{v^2+u^{2/3}w^4\pi^2}{v^2}}$	K	CDF	R	H
13662	10920	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi^2}{v}$	K	CDF	K	CDF
13663	10921	1	$\frac{v}{\sqrt[3]{u}\sqrt[3]{w}\pi^2}$	K	CDF	K	CDIF
13664	10922	1	$\frac{u^{2/3}w^{2/3}\pi^2}{v^2}$	K	CDF	K	AB
13665	10923	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}}$	K	CDF	K	R
13666	10924	1	$\frac{uw\pi^3}{v^3}$	K	CDF	K	K
13667	10925	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}}$	K	CDF	K	E
13668	10926	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}\right)$	K	CDF	K	L
13669	10927	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}\right)$	K	CDF	K	S
13670	10928	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v}\right)$	K	CDF	K	T
13671	10929	1	$\sqrt{-\frac{-v^2+u^{2/3}w^{2/3}\pi^2}{v^2}}$	K	CDF	K	P

13672	10930	1	$\sqrt{\frac{v^2 + u^{2/3} w^{2/3} \pi^2}{v^2}}$	K	CDF	K	H
13673	10931	1	$\frac{\sqrt[3]{u} \ln(w) \pi^2}{v}$	K	CDF	E	CDF
13674	10932	1	$\frac{v}{\sqrt[3]{u} \ln(w) \pi^2}$	K	CDF	E	CDIF
13675	10933	1	$\frac{u^{2/3} (\ln(w))^2 \pi^2}{v^2}$	K	CDF	E	AB
13676	10934	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w) \pi}{v}}$	K	CDF	E	R
13677	10935	1	$\frac{u (\ln(w))^3 \pi^3}{v^3}$	K	CDF	E	K
13678	10936	1	$w^{\frac{\sqrt[3]{u} \pi}{v}}$	K	CDF	E	E
13679	10937	1	$\log\left(\frac{\sqrt[3]{u} \ln(w) \pi}{v}\right)$	K	CDF	E	L
13680	10938	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w) \pi}{v}\right)$	K	CDF	E	S
13681	10939	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w) \pi}{v}\right)$	K	CDF	E	T
13682	10940	1	$\sqrt{-\frac{v^2 + u^{2/3} (\ln(w))^2 \pi^2}{v^2}}$	K	CDF	E	P
13683	10941	1	$\sqrt{\frac{v^2 + u^{2/3} (\ln(w))^2 \pi^2}{v^2}}$	K	CDF	E	H
13684	10942	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi^2}{v}$	K	CDF	L	CDF
13685	10943	1	$\frac{v}{\sqrt[3]{u} \text{Exp}(w) \pi^2}$	K	CDF	L	CDIF

13686	10944	1	$\frac{u^{2/3} (Exp(w))^2 \pi^2}{v^2}$	K	CDF	L	AB
13687	10945	1	$\sqrt{\frac{\sqrt[3]{u} Exp(w) \pi}{v}}$	K	CDF	L	R
13688	10946	1	$\frac{u (Exp(w))^3 \pi^3}{v^3}$	K	CDF	L	K
13689	10947	1	$e^{\frac{\sqrt[3]{u} Exp(w) \pi}{v}}$	K	CDF	L	E
13690	10948	1	$\log\left(\frac{\sqrt[3]{u} Exp(w) \pi}{v}\right)$	K	CDF	L	L
13691	10949	1	$\arcsin\left(\frac{\sqrt[3]{u} Exp(w) \pi}{v}\right)$	K	CDF	L	S
13692	10950	1	$\arctan\left(\frac{\sqrt[3]{u} Exp(w) \pi}{v}\right)$	K	CDF	L	T
13693	10951	1	$\sqrt{-\frac{v^2 + u^{2/3} (Exp(w))^2 \pi^2}{v^2}}$	K	CDF	L	P
13694	10952	1	$\sqrt{\frac{v^2 + u^{2/3} (Exp(w))^2 \pi^2}{v^2}}$	K	CDF	L	H
13695	10953	1	$\frac{\sqrt[3]{u} \sin(w) \pi^2}{v}$	K	CDF	S	CDF
13696	10954	1	$\frac{v}{\sqrt[3]{u} \sin(w) \pi^2}$	K	CDF	S	CDIF
13697	10955	1	$\frac{u^{2/3} (\sin(w))^2 \pi^2}{v^2}$	K	CDF	S	AB
13698	10956	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w) \pi}{v}}$	K	CDF	S	R
13699	10957	1	$\frac{u (\sin(w))^3 \pi^3}{v^3}$	K	CDF	S	K
13700	10958	1	$e^{\frac{\sqrt[3]{u} \sin(w) \pi}{v}}$	K	CDF	S	E

13701	10959	1	$\log \left(\frac{\sqrt[3]{u} \sin(w) \pi}{v} \right)$	K	CDF	S	L
13702	10960	1	$\arcsin \left(\frac{\sqrt[3]{u} \sin(w) \pi}{v} \right)$	K	CDF	S	S
13703	10961	1	$\arctan \left(\frac{\sqrt[3]{u} \sin(w) \pi}{v} \right)$	K	CDF	S	T
13704	10962	1	$\sqrt{\frac{v^2 + u^{2/3} \pi^2 (\cos(w))^2 - u^{2/3} \pi^2}{v^2}}$	K	CDF	S	P
13705	10963	1	$\sqrt{-\frac{v^2 + u^{2/3} \pi^2 (\cos(w))^2 - u^{2/3} \pi^2}{v^2}}$	K	CDF	S	H
13706	10964	1	$\frac{\sqrt[3]{u} \tan(w) \pi^2}{v}$	K	CDF	T	CDF
13707	10965	1	$\frac{v}{\sqrt[3]{u} \tan(w) \pi^2}$	K	CDF	T	CDIF
13708	10966	1	$\frac{u^{2/3} (\tan(w))^2 \pi^2}{v^2}$	K	CDF	T	AB
13709	10967	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w) \pi}{v}}$	K	CDF	T	R
13710	10968	1	$\frac{u (\tan(w))^3 \pi^3}{v^3}$	K	CDF	T	K
13711	10969	1	$e^{\frac{\sqrt[3]{u} \tan(w) \pi}{v}}$	K	CDF	T	E
13712	10970	1	$\log \left(\frac{\sqrt[3]{u} \tan(w) \pi}{v} \right)$	K	CDF	T	L
13713	10971	1	$\arcsin \left(\frac{\sqrt[3]{u} \tan(w) \pi}{v} \right)$	K	CDF	T	S
13714	10972	1	$\arctan \left(\frac{\sqrt[3]{u} \tan(w) \pi}{v} \right)$	K	CDF	T	T

13715	10973	1	$\sqrt{-\frac{v^2 + u^{2/3} (\tan(w))^2 \pi^2}{v^2}}$	K	CDF	T	P
13716	10974	1	$\sqrt{\frac{v^2 + u^{2/3} (\tan(w))^2 \pi^2}{v^2}}$	K	CDF	T	H
13717	10975	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi^2}{v}$	K	CDF	P	CDF
13718	10976	1	$\frac{v}{\sqrt[3]{u}\sqrt{1-w^2}\pi^2}$	K	CDF	P	CDIF
13719	10977	1	$-\frac{u^{2/3}(-1+w^2)\pi^2}{v^2}$	K	CDF	P	AB
13720	10978	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{v}}$	K	CDF	P	R
13721	10979	1	$\frac{u\pi^3(1-w^2)^{3/2}}{v^3}$	K	CDF	P	K
13722	10980	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{v}}$	K	CDF	P	E
13723	10981	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{v}\right)$	K	CDF	P	L
13724	10982	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{v}\right)$	K	CDF	P	S
13725	10983	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{v}\right)$	K	CDF	P	T
13726	10984	1	$\sqrt{\frac{v^2 - u^{2/3}\pi^2 + u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	P	P
13727	10984	2	$\sqrt{\frac{v^2 - u^{2/3}\pi^2 + u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	H	H
13728	10985	1	$\sqrt{-\frac{v^2 - u^{2/3}\pi^2 + u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	P	H

13729	10985	2	$\sqrt{-\frac{-v^2 - u^{2/3}\pi^2 + u^{2/3}w^2\pi^2}{v^2}}$	K	CDF	H	P
13730	10986	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi^2}{v}$	K	CDF	H	CDF
13731	10987	1	$\frac{v}{\sqrt[3]{u}\sqrt{-1+w^2}\pi^2}$	K	CDF	H	CDIF
13732	10988	1	$\frac{u^{2/3}(-1+w^2)\pi^2}{v^2}$	K	CDF	H	AB
13733	10989	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}}$	K	CDF	H	R
13734	10990	1	$\frac{u\pi^3(-1+w^2)^{3/2}}{v^3}$	K	CDF	H	K
13735	10991	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}}$	K	CDF	H	E
13736	10992	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}\right)$	K	CDF	H	L
13737	10993	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}\right)$	K	CDF	H	S
13738	10994	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{v}\right)$	K	CDF	H	T
13739	10995	1	$\sqrt[3]{u}vw\pi^2$	K	CDIF	CD	CDF
13740	10996	1	$\frac{1}{\sqrt[3]{u}vw\pi^2}$	K	CDIF	CD	CDIF
13741	10997	1	$u^{2/3}v^2w^2\pi^2$	K	CDIF	CD	AB
13742	10998	1	$\sqrt{\sqrt[3]{u}vw\pi}$	K	CDIF	CD	R
13743	10999	1	$uv^3w^3\pi^3$	K	CDIF	CD	K

13744	11000	1	$e^{\sqrt[3]{u}vw\pi}$	K	CDIF	CD	E
13745	11001	1	$\log\left(\sqrt[3]{u}vw\pi\right)$	K	CDIF	CD	L
13746	11002	1	$\arcsin\left(\sqrt[3]{u}vw\pi\right)$	K	CDIF	CD	S
13747	11003	1	$\arctan\left(\sqrt[3]{u}vw\pi\right)$	K	CDIF	CD	T
13748	11004	1	$\sqrt{1 - u^{2/3}v^2w^2\pi^2}$	K	CDIF	CD	P
13749	11005	1	$\sqrt{1 + u^{2/3}v^2w^2\pi^2}$	K	CDIF	CD	H
13750	11006	1	$\frac{\sqrt[3]{u}v\pi^2}{w}$	K	CDIF	CDI	CDF
13751	11007	1	$\frac{w}{\sqrt[3]{u}v\pi^2}$	K	CDIF	CDI	CDIF
13752	11008	1	$\frac{u^{2/3}v^2\pi^2}{w^2}$	K	CDIF	CDI	AB
13753	11009	1	$\sqrt{\frac{\sqrt[3]{u}v\pi}{w}}$	K	CDIF	CDI	R
13754	11010	1	$\frac{uv^3\pi^3}{w^3}$	K	CDIF	CDI	K
13755	11011	1	$e^{\frac{\sqrt[3]{u}v\pi}{w}}$	K	CDIF	CDI	E
13756	11012	1	$\log\left(\frac{\sqrt[3]{u}v\pi}{w}\right)$	K	CDIF	CDI	L
13757	11013	1	$\arcsin\left(\frac{\sqrt[3]{u}v\pi}{w}\right)$	K	CDIF	CDI	S
13758	11014	1	$\arctan\left(\frac{\sqrt[3]{u}v\pi}{w}\right)$	K	CDIF	CDI	T

13759	11015	1	$\sqrt{-\frac{-w^2 + u^{2/3}v^2\pi^2}{w^2}}$	K	CDIF	CDI	P
13760	11016	1	$\sqrt{\frac{w^2 + u^{2/3}v^2\pi^2}{w^2}}$	K	CDIF	CDI	H
13761	11017	1	$\sqrt[3]{uv}\sqrt{w\pi^2}$	K	CDIF	AB	CDF
13762	11018	1	$\frac{1}{\sqrt[3]{uv}\sqrt{w\pi^2}}$	K	CDIF	AB	CDIF
13763	11019	1	$u^{2/3}v^2w\pi^2$	K	CDIF	AB	AB
13764	11020	1	$\sqrt{\sqrt[3]{uv}\sqrt{w\pi}}$	K	CDIF	AB	R
13765	11021	1	$uv^3w^{3/2}\pi^3$	K	CDIF	AB	K
13766	11022	1	$e^{\sqrt[3]{uv}\sqrt{w\pi}}$	K	CDIF	AB	E
13767	11023	1	$\log\left(\sqrt[3]{uv}\sqrt{w\pi}\right)$	K	CDIF	AB	L
13768	11024	1	$\arcsin\left(\sqrt[3]{uv}\sqrt{w\pi}\right)$	K	CDIF	AB	S
13769	11025	1	$\arctan\left(\sqrt[3]{uv}\sqrt{w\pi}\right)$	K	CDIF	AB	T
13770	11026	1	$\sqrt{1 - u^{2/3}v^2w\pi^2}$	K	CDIF	AB	P
13771	11027	1	$\sqrt{1 + u^{2/3}v^2w\pi^2}$	K	CDIF	AB	H
13772	11028	1	$\sqrt[3]{uvw^2\pi^2}$	K	CDIF	R	CDF
13773	11029	1	$\frac{1}{\sqrt[3]{uvw^2\pi^2}}$	K	CDIF	R	CDIF
13774	11030	1	$u^{2/3}v^2w^4\pi^2$	K	CDIF	R	AB

13775	11031	1	$\sqrt{\sqrt[3]{uvw^2}\pi}$	K	CDIF	R	R
13776	11032	1	$uv^3w^6\pi^3$	K	CDIF	R	K
13777	11033	1	$e^{\sqrt[3]{uvw^2}\pi}$	K	CDIF	R	E
13778	11034	1	$\log\left(\sqrt[3]{uvw^2}\pi\right)$	K	CDIF	R	L
13779	11035	1	$\arcsin\left(\sqrt[3]{uvw^2}\pi\right)$	K	CDIF	R	S
13780	11036	1	$\arctan\left(\sqrt[3]{uvw^2}\pi\right)$	K	CDIF	R	T
13781	11037	1	$\sqrt{1-u^{2/3}v^2w^4\pi^2}$	K	CDIF	R	P
13782	11038	1	$\sqrt{1+u^{2/3}v^2w^4\pi^2}$	K	CDIF	R	H
13783	11039	1	$\sqrt[3]{uv}\sqrt[3]{w}\pi^2$	K	CDIF	K	CDF
13784	11040	1	$\frac{1}{\sqrt[3]{uv}\sqrt[3]{w}\pi^2}$	K	CDIF	K	CDIF
13785	11041	1	$u^{2/3}v^2w^{2/3}\pi^2$	K	CDIF	K	AB
13786	11042	1	$\sqrt{\sqrt[3]{uv}\sqrt[3]{w}\pi}$	K	CDIF	K	R
13787	11043	1	$uv^3w\pi^3$	K	CDIF	K	K
13788	11044	1	$e^{\sqrt[3]{uv}\sqrt[3]{w}\pi}$	K	CDIF	K	E
13789	11045	1	$\log\left(\sqrt[3]{uv}\sqrt[3]{w}\pi\right)$	K	CDIF	K	L
13790	11046	1	$\arcsin\left(\sqrt[3]{uv}\sqrt[3]{w}\pi\right)$	K	CDIF	K	S

13791	11047	1	$\arctan \left(\sqrt[3]{uv} \sqrt[3]{w} \pi \right)$	K	CDIF	K	T
13792	11048	1	$\sqrt{1 - u^{2/3} v^2 w^{2/3} \pi^2}$	K	CDIF	K	P
13793	11049	1	$\sqrt{1 + u^{2/3} v^2 w^{2/3} \pi^2}$	K	CDIF	K	H
13794	11050	1	$\sqrt[3]{uv} \ln(w) \pi^2$	K	CDIF	E	CDF
13795	11051	1	$\frac{1}{\sqrt[3]{uv} \ln(w) \pi^2}$	K	CDIF	E	CDIF
13796	11052	1	$u^{2/3} v^2 (\ln(w))^2 \pi^2$	K	CDIF	E	AB
13797	11053	1	$\sqrt{\sqrt[3]{uv} \ln(w) \pi}$	K	CDIF	E	R
13798	11054	1	$uv^3 (\ln(w))^3 \pi^3$	K	CDIF	E	K
13799	11055	1	$w^{\sqrt[3]{uv} \pi}$	K	CDIF	E	E
13800	11056	1	$\log \left(\sqrt[3]{uv} \ln(w) \pi \right)$	K	CDIF	E	L
13801	11057	1	$\arcsin \left(\sqrt[3]{uv} \ln(w) \pi \right)$	K	CDIF	E	S
13802	11058	1	$\arctan \left(\sqrt[3]{uv} \ln(w) \pi \right)$	K	CDIF	E	T
13803	11059	1	$\sqrt{1 - u^{2/3} v^2 (\ln(w))^2 \pi^2}$	K	CDIF	E	P
13804	11060	1	$\sqrt{1 + u^{2/3} v^2 (\ln(w))^2 \pi^2}$	K	CDIF	E	H
13805	11061	1	$\sqrt[3]{uv} \text{Exp}(w) \pi^2$	K	CDIF	L	CDF
13806	11062	1	$\frac{1}{\sqrt[3]{uv} \text{Exp}(w) \pi^2}$	K	CDIF	L	CDIF

13807	11063	1	$u^{2/3}v^2 (Exp(w))^2 \pi^2$	K	CDIF	L	AB
13808	11064	1	$\sqrt{\sqrt[3]{uv}Exp(w) \pi}$	K	CDIF	L	R
13809	11065	1	$uv^3 (Exp(w))^3 \pi^3$	K	CDIF	L	K
13810	11066	1	$e^{\sqrt[3]{uv}Exp(w)\pi}$	K	CDIF	L	E
13811	11067	1	$\log(\sqrt[3]{uv}Exp(w) \pi)$	K	CDIF	L	L
13812	11068	1	$\arcsin(\sqrt[3]{uv}Exp(w) \pi)$	K	CDIF	L	S
13813	11069	1	$\arctan(\sqrt[3]{uv}Exp(w) \pi)$	K	CDIF	L	T
13814	11070	1	$\sqrt{1 - u^{2/3}v^2 (Exp(w))^2 \pi^2}$	K	CDIF	L	P
13815	11071	1	$\sqrt{1 + u^{2/3}v^2 (Exp(w))^2 \pi^2}$	K	CDIF	L	H
13816	11072	1	$\sqrt[3]{uv} \sin(w) \pi^2$	K	CDIF	S	CDF
13817	11073	1	$\frac{1}{\sqrt[3]{uv} \sin(w) \pi^2}$	K	CDIF	S	CDIF
13818	11074	1	$u^{2/3}v^2 (\sin(w))^2 \pi^2$	K	CDIF	S	AB
13819	11075	1	$\sqrt{\sqrt[3]{uv} \sin(w) \pi}$	K	CDIF	S	R
13820	11076	1	$uv^3 (\sin(w))^3 \pi^3$	K	CDIF	S	K
13821	11077	1	$e^{\sqrt[3]{uv} \sin(w) \pi}$	K	CDIF	S	E
13822	11078	1	$\log(\sqrt[3]{uv} \sin(w) \pi)$	K	CDIF	S	L

13823	11079	1	$\arcsin \left(\sqrt[3]{uv} \sin (w) \pi \right)$	K	CDIF	S	S
13824	11080	1	$\arctan \left(\sqrt[3]{uv} \sin (w) \pi \right)$	K	CDIF	S	T
13825	11081	1	$\sqrt{1+u^{2/3} v^2 \pi^2 (\cos (w))^2-u^{2/3} v^2 \pi^2}$	K	CDIF	S	P
13826	11082	1	$\sqrt{1-u^{2/3} v^2 \pi^2 (\cos (w))^2+u^{2/3} v^2 \pi^2}$	K	CDIF	S	H
13827	11083	1	$\sqrt[3]{uv} \tan (w) \pi^2$	K	CDIF	T	CDF
13828	11084	1	$\frac{1}{\sqrt[3]{uv} \tan (w) \pi^2}$	K	CDIF	T	CDIF
13829	11085	1	$u^{2/3} v^2 (\tan (w))^2 \pi^2$	K	CDIF	T	AB
13830	11086	1	$\sqrt{\sqrt[3]{uv} \tan (w) \pi}$	K	CDIF	T	R
13831	11087	1	$uv^3 (\tan (w))^3 \pi^3$	K	CDIF	T	K
13832	11088	1	$e^{\sqrt[3]{uv} \tan (w) \pi}$	K	CDIF	T	E
13833	11089	1	$\log \left(\sqrt[3]{uv} \tan (w) \pi \right)$	K	CDIF	T	L
13834	11090	1	$\arcsin \left(\sqrt[3]{uv} \tan (w) \pi \right)$	K	CDIF	T	S
13835	11091	1	$\arctan \left(\sqrt[3]{uv} \tan (w) \pi \right)$	K	CDIF	T	T
13836	11092	1	$\sqrt{1-u^{2/3} v^2 (\tan (w))^2 \pi^2}$	K	CDIF	T	P
13837	11093	1	$\sqrt{1+u^{2/3} v^2 (\tan (w))^2 \pi^2}$	K	CDIF	T	H
13838	11094	1	$\sqrt[3]{uv} \sqrt{1-w^2 \pi^2}$	K	CDIF	P	CDF

13839	11095	1	$\frac{1}{\sqrt[3]{uv}\sqrt{1-w^2}\pi^2}$	K	CDIF	P	CDIF
13840	11096	1	$-u^{2/3}v^2(-1+w^2)\pi^2$	K	CDIF	P	AB
13841	11097	1	$\sqrt{\sqrt[3]{uv}\sqrt{1-w^2}\pi}$	K	CDIF	P	R
13842	11098	1	$uv^3\pi^3(1-w^2)^{3/2}$	K	CDIF	P	K
13843	11099	1	$e^{\sqrt[3]{uv}\sqrt{1-w^2}\pi}$	K	CDIF	P	E
13844	11100	1	$\log\left(\sqrt[3]{uv}\sqrt{1-w^2}\pi\right)$	K	CDIF	P	L
13845	11101	1	$\arcsin\left(\sqrt[3]{uv}\sqrt{1-w^2}\pi\right)$	K	CDIF	P	S
13846	11102	1	$\arctan\left(\sqrt[3]{uv}\sqrt{1-w^2}\pi\right)$	K	CDIF	P	T
13847	11103	1	$\sqrt{1-u^{2/3}v^2\pi^2+u^{2/3}v^2w^2\pi^2}$	K	CDIF	P	P
13848	11103	2	$\sqrt{1-u^{2/3}v^2\pi^2+u^{2/3}v^2w^2\pi^2}$	K	CDIF	H	H
13849	11104	1	$\sqrt{1+u^{2/3}v^2\pi^2-u^{2/3}v^2w^2\pi^2}$	K	CDIF	P	H
13850	11104	2	$\sqrt{1+u^{2/3}v^2\pi^2-u^{2/3}v^2w^2\pi^2}$	K	CDIF	H	P
13851	11105	1	$\sqrt[3]{uv}\sqrt{-1+w^2}\pi^2$	K	CDIF	H	CDF
13852	11106	1	$\frac{1}{\sqrt[3]{uv}\sqrt{-1+w^2}\pi^2}$	K	CDIF	H	CDIF
13853	11107	1	$u^{2/3}v^2(-1+w^2)\pi^2$	K	CDIF	H	AB
13854	11108	1	$\sqrt{\sqrt[3]{uv}\sqrt{-1+w^2}\pi}$	K	CDIF	H	R
13855	11109	1	$uv^3\pi^3(-1+w^2)^{3/2}$	K	CDIF	H	K

13856	11110	1	$e^{\sqrt[3]{uv}\sqrt{-1+w^2}\pi}$	K	CDIF	H	E
13857	11111	1	$\log\left(\sqrt[3]{uv}\sqrt{-1+w^2}\pi\right)$	K	CDIF	H	L
13858	11112	1	$\arcsin\left(\sqrt[3]{uv}\sqrt{-1+w^2}\pi\right)$	K	CDIF	H	S
13859	11113	1	$\arctan\left(\sqrt[3]{uv}\sqrt{-1+w^2}\pi\right)$	K	CDIF	H	T
13860	11114	1	$\frac{\sqrt[3]{uw}}{\sqrt{v}}$	K	AB	CD	CD
13861	11114	2	$\frac{\sqrt[3]{uw}}{\sqrt{v}}$	K	AB	CDF	CDF
13862	11115	1	$\frac{\sqrt{v}}{\sqrt[3]{uw}}$	K	AB	CD	CDI
13863	11115	2	$\frac{\sqrt{v}}{\sqrt[3]{uw}}$	K	AB	CDF	CDIF
13864	11116	1	$\frac{\sqrt[3]{uw}\pi}{\sqrt{v}}$	K	AB	CD	CDF
13865	11117	1	$\frac{\sqrt{v}}{\sqrt[3]{uw}\pi}$	K	AB	CD	CDIF
13866	11118	1	$\frac{u^{2/3}w^2}{v}$	K	AB	CD	AB
13867	11119	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt{v}}}$	K	AB	CD	R
13868	11120	1	$\frac{uw^3}{v^{3/2}}$	K	AB	CD	K
13869	11121	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt{v}}}$	K	AB	CD	E
13870	11122	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt{v}}\right)$	K	AB	CD	L
13871	11123	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt{v}}\right)$	K	AB	CD	S

13872	11124	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt{v}}\right)$	K	AB	CD	T
13873	11125	1	$\sqrt{-\frac{-v+u^{2/3}w^2}{v}}$	K	AB	CD	P
13874	11126	1	$\sqrt{\frac{v+u^{2/3}w^2}{v}}$	K	AB	CD	H
13875	11127	1	$\frac{\sqrt[3]{u}}{\sqrt{vw}}$	K	AB	CDI	CD
13876	11127	2	$\frac{\sqrt[3]{u}}{\sqrt{vw}}$	K	AB	CDIF	CDF
13877	11128	1	$\frac{\sqrt{vw}}{\sqrt[3]{u}}$	K	AB	CDI	CDI
13878	11128	2	$\frac{\sqrt{vw}}{\sqrt[3]{u}}$	K	AB	CDIF	CDIF
13879	11129	1	$\frac{\sqrt[3]{u}\pi}{\sqrt{vw}}$	K	AB	CDI	CDF
13880	11130	1	$\frac{\sqrt{vw}}{\sqrt[3]{u}\pi}$	K	AB	CDI	CDIF
13881	11131	1	$\frac{u^{2/3}}{vw^2}$	K	AB	CDI	AB
13882	11132	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{vw}}}$	K	AB	CDI	R
13883	11133	1	$\frac{u}{v^{3/2}w^3}$	K	AB	CDI	K
13884	11134	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{vw}}}$	K	AB	CDI	E
13885	11135	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{vw}}\right)$	K	AB	CDI	L
13886	11136	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{vw}}\right)$	K	AB	CDI	S

13887	11137	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{vw}}\right)$	K	AB	CDI	T
13888	11138	1	$\sqrt{\frac{vw^2 - u^{2/3}}{vw^2}}$	K	AB	CDI	P
13889	11139	1	$\sqrt{\frac{vw^2 + u^{2/3}}{vw^2}}$	K	AB	CDI	H
13890	11140	1	$\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}$	K	AB	CDF	CD
13891	11141	1	$\frac{\sqrt{v\pi}}{\sqrt[3]{uw}}$	K	AB	CDF	CDI
13892	11142	1	$\frac{u^{2/3}w^2}{v\pi^2}$	K	AB	CDF	AB
13893	11143	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}}$	K	AB	CDF	R
13894	11144	1	$\frac{uw^3}{v^{3/2}\pi^3}$	K	AB	CDF	K
13895	11145	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}}$	K	AB	CDF	E
13896	11146	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}\right)$	K	AB	CDF	L
13897	11147	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}\right)$	K	AB	CDF	S
13898	11148	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt{v\pi}}\right)$	K	AB	CDF	T
13899	11149	1	$\sqrt{\frac{v\pi^2 - u^{2/3}w^2}{v\pi^2}}$	K	AB	CDF	P
13900	11150	1	$\sqrt{\frac{v\pi^2 + u^{2/3}w^2}{v\pi^2}}$	K	AB	CDF	H

13901	11151	1	$\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}$	K	AB	CDIF	CD
13902	11152	1	$\frac{\sqrt{vw\pi}}{\sqrt[3]{u}}$	K	AB	CDIF	CDI
13903	11153	1	$\frac{u^{2/3}}{vw^2\pi^2}$	K	AB	CDIF	AB
13904	11154	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}}$	K	AB	CDIF	R
13905	11155	1	$\frac{u}{v^{3/2}w^3\pi^3}$	K	AB	CDIF	K
13906	11156	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}}$	K	AB	CDIF	E
13907	11157	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}\right)$	K	AB	CDIF	L
13908	11158	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}\right)$	K	AB	CDIF	S
13909	11159	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{vw\pi}}\right)$	K	AB	CDIF	T
13910	11160	1	$\sqrt{\frac{vw^2\pi^2 - u^{2/3}}{vw^2\pi^2}}$	K	AB	CDIF	P
13911	11161	1	$\sqrt{\frac{vw^2\pi^2 + u^{2/3}}{vw^2\pi^2}}$	K	AB	CDIF	H
13912	11162	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}$	K	AB	AB	CD
13913	11163	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{w}}$	K	AB	AB	CDI
13914	11164	1	$\frac{\sqrt[3]{u}\sqrt{w\pi}}{\sqrt{v}}$	K	AB	AB	CDF
13915	11165	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{w\pi}}$	K	AB	AB	CDIF

13916	11166	1	$\frac{u^{2/3}w}{v}$	K	AB	AB	AB
13917	11167	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}}$	K	AB	AB	R
13918	11168	1	$\frac{uw^{3/2}}{v^{3/2}}$	K	AB	AB	K
13919	11169	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}}$	K	AB	AB	E
13920	11170	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}\right)$	K	AB	AB	L
13921	11171	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}\right)$	K	AB	AB	S
13922	11172	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{v}}\right)$	K	AB	AB	T
13923	11173	1	$\sqrt{-\frac{-v+u^{2/3}w}{v}}$	K	AB	AB	P
13924	11174	1	$\sqrt{\frac{v+u^{2/3}w}{v}}$	K	AB	AB	H
13925	11175	1	$\frac{\sqrt[3]{u}w^2}{\sqrt{v}}$	K	AB	R	CD
13926	11176	1	$\frac{\sqrt{v}}{\sqrt[3]{u}w^2}$	K	AB	R	CDI
13927	11177	1	$\frac{\sqrt[3]{u}w^2\pi}{\sqrt{v}}$	K	AB	R	CDF
13928	11178	1	$\frac{\sqrt{v}}{\sqrt[3]{u}w^2\pi}$	K	AB	R	CDIF
13929	11179	1	$\frac{u^{2/3}w^4}{v}$	K	AB	R	AB

13930	11180	1	$\sqrt{\frac{\sqrt[3]{uw^2}}{\sqrt{v}}}$	K	AB	R	R
13931	11181	1	$\frac{uw^6}{v^{3/2}}$	K	AB	R	K
13932	11182	1	$e^{\frac{\sqrt[3]{uw^2}}{\sqrt{v}}}$	K	AB	R	E
13933	11183	1	$\log\left(\frac{\sqrt[3]{uw^2}}{\sqrt{v}}\right)$	K	AB	R	L
13934	11184	1	$\arcsin\left(\frac{\sqrt[3]{uw^2}}{\sqrt{v}}\right)$	K	AB	R	S
13935	11185	1	$\arctan\left(\frac{\sqrt[3]{uw^2}}{\sqrt{v}}\right)$	K	AB	R	T
13936	11186	1	$\sqrt{-\frac{-v+u^{2/3}w^4}{v}}$	K	AB	R	P
13937	11187	1	$\sqrt{\frac{v+u^{2/3}w^4}{v}}$	K	AB	R	H
13938	11188	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}$	K	AB	K	CD
13939	11189	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt[3]{w}}$	K	AB	K	CDI
13940	11190	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\sqrt{v}}$	K	AB	K	CDF
13941	11191	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	AB	K	CDIF
13942	11192	1	$\frac{u^{2/3}w^{2/3}}{v}$	K	AB	K	AB
13943	11193	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}}$	K	AB	K	R
13944	11194	1	$\frac{uw}{v^{3/2}}$	K	AB	K	K

13945	11195	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}}$	K	AB	K	E
13946	11196	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	K	AB	K	L
13947	11197	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	K	AB	K	S
13948	11198	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{v}}\right)$	K	AB	K	T
13949	11199	1	$\sqrt{\frac{v - u^{2/3}w^{2/3}}{v}}$	K	AB	K	P
13950	11200	1	$\sqrt{\frac{v + u^{2/3}w^{2/3}}{v}}$	K	AB	K	H
13951	11201	1	$\frac{\sqrt[3]{u}\ln(w)}{\sqrt{v}}$	K	AB	E	CD
13952	11202	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\ln(w)}$	K	AB	E	CDI
13953	11203	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{\sqrt{v}}$	K	AB	E	CDF
13954	11204	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\ln(w)\pi}$	K	AB	E	CDIF
13955	11205	1	$\frac{u^{2/3}(\ln(w))^2}{v}$	K	AB	E	AB
13956	11206	1	$\sqrt{\frac{\sqrt[3]{u}\ln(w)}{\sqrt{v}}}$	K	AB	E	R
13957	11207	1	$\frac{u(\ln(w))^3}{v^{3/2}}$	K	AB	E	K
13958	11208	1	$w^{\frac{\sqrt[3]{u}}{\sqrt{v}}}$	K	AB	E	E

13959	11209	1	$\log \left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt{v}} \right)$	K	AB	E	L
13960	11210	1	$\arcsin \left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt{v}} \right)$	K	AB	E	S
13961	11211	1	$\arctan \left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt{v}} \right)$	K	AB	E	T
13962	11212	1	$\sqrt{\frac{v - u^{2/3} (\ln(w))^2}{v}}$	K	AB	E	P
13963	11213	1	$\sqrt{\frac{v + u^{2/3} (\ln(w))^2}{v}}$	K	AB	E	H
13964	11214	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{\sqrt{v}}$	K	AB	L	CD
13965	11215	1	$\frac{\sqrt{v}}{\sqrt[3]{u} \text{Exp}(w)}$	K	AB	L	CDI
13966	11216	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{\sqrt{v}}$	K	AB	L	CDF
13967	11217	1	$\frac{\sqrt{v}}{\sqrt[3]{u} \text{Exp}(w) \pi}$	K	AB	L	CDIF
13968	11218	1	$\frac{u^{2/3} (\text{Exp}(w))^2}{v}$	K	AB	L	AB
13969	11219	1	$\sqrt{\frac{\sqrt[3]{u} \text{Exp}(w)}{\sqrt{v}}}$	K	AB	L	R
13970	11220	1	$\frac{u (\text{Exp}(w))^3}{v^{3/2}}$	K	AB	L	K
13971	11221	1	$e^{\frac{\sqrt[3]{u} \text{Exp}(w)}{\sqrt{v}}}$	K	AB	L	E
13972	11222	1	$\log \left(\frac{\sqrt[3]{u} \text{Exp}(w)}{\sqrt{v}} \right)$	K	AB	L	L

13973	11223	1	$\arcsin\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{v}}\right)$	K	AB	L	S
13974	11224	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{v}}\right)$	K	AB	L	T
13975	11225	1	$\sqrt{\frac{v - u^{2/3} (Exp(w))^2}{v}}$	K	AB	L	P
13976	11226	1	$\sqrt{\frac{v + u^{2/3} (Exp(w))^2}{v}}$	K	AB	L	H
13977	11227	1	$\frac{\sqrt[3]{u} \sin(w)}{\sqrt{v}}$	K	AB	S	CD
13978	11228	1	$\frac{\sqrt{v}}{\sqrt[3]{u} \sin(w)}$	K	AB	S	CDI
13979	11229	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\sqrt{v}}$	K	AB	S	CDF
13980	11230	1	$\frac{\sqrt{v}}{\sqrt[3]{u} \sin(w) \pi}$	K	AB	S	CDIF
13981	11231	1	$\frac{u^{2/3} (\sin(w))^2}{v}$	K	AB	S	AB
13982	11232	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{\sqrt{v}}}$	K	AB	S	R
13983	11233	1	$\frac{u (\sin(w))^3}{v^{3/2}}$	K	AB	S	K
13984	11234	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{\sqrt{v}}}$	K	AB	S	E
13985	11235	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{\sqrt{v}}\right)$	K	AB	S	L
13986	11236	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{\sqrt{v}}\right)$	K	AB	S	S

13987	11237	1	$\arctan\left(\frac{\sqrt[3]{u}\sin(w)}{\sqrt{v}}\right)$	K	AB	S	T
13988	11238	1	$\sqrt{\frac{v+u^{2/3}(\cos(w))^2-u^{2/3}}{v}}$	K	AB	S	P
13989	11239	1	$\sqrt{\frac{v-u^{2/3}(\cos(w))^2+u^{2/3}}{v}}$	K	AB	S	H
13990	11240	1	$\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}$	K	AB	T	CD
13991	11241	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\tan(w)}$	K	AB	T	CDI
13992	11242	1	$\frac{\sqrt[3]{u}\tan(w)\pi}{\sqrt{v}}$	K	AB	T	CDF
13993	11243	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\tan(w)\pi}$	K	AB	T	CDIF
13994	11244	1	$\frac{u^{2/3}(\tan(w))^2}{v}$	K	AB	T	AB
13995	11245	1	$\sqrt{\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}}$	K	AB	T	R
13996	11246	1	$\frac{u(\tan(w))^3}{v^{3/2}}$	K	AB	T	K
13997	11247	1	$e^{\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}}$	K	AB	T	E
13998	11248	1	$\log\left(\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}\right)$	K	AB	T	L
13999	11249	1	$\arcsin\left(\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}\right)$	K	AB	T	S
14000	11250	1	$\arctan\left(\frac{\sqrt[3]{u}\tan(w)}{\sqrt{v}}\right)$	K	AB	T	T

14001	11251	1	$\sqrt{\frac{v - u^{2/3} (\tan(w))^2}{v}}$	K	AB	T	P
14002	11252	1	$\sqrt{\frac{v + u^{2/3} (\tan(w))^2}{v}}$	K	AB	T	H
14003	11253	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}$	K	AB	P	CD
14004	11254	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{1-w^2}}$	K	AB	P	CDI
14005	11255	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{\sqrt{v}}$	K	AB	P	CDF
14006	11256	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	AB	P	CDIF
14007	11257	1	$-\frac{u^{2/3}(-1+w^2)}{v}$	K	AB	P	AB
14008	11258	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}}$	K	AB	P	R
14009	11259	1	$\frac{u(1-w^2)^{3/2}}{v^{3/2}}$	K	AB	P	K
14010	11260	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}}$	K	AB	P	E
14011	11261	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	K	AB	P	L
14012	11262	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	K	AB	P	S
14013	11263	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{v}}\right)$	K	AB	P	T
14014	11264	1	$\sqrt{\frac{v - u^{2/3} + u^{2/3}w^2}{v}}$	K	AB	P	P

14015	11264	2	$\sqrt{\frac{v - u^{2/3} + u^{2/3}w^2}{v}}$	K	AB	H	H
14016	11265	1	$\sqrt{-\frac{-v - u^{2/3} + u^{2/3}w^2}{v}}$	K	AB	P	H
14017	11265	2	$\sqrt{-\frac{-v - u^{2/3} + u^{2/3}w^2}{v}}$	K	AB	H	P
14018	11266	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}$	K	AB	H	CD
14019	11267	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	AB	H	CDI
14020	11268	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\sqrt{v}}$	K	AB	H	CDF
14021	11269	1	$\frac{\sqrt{v}}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	AB	H	CDIF
14022	11270	1	$\frac{u^{2/3}(-1+w^2)}{v}$	K	AB	H	AB
14023	11271	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}}$	K	AB	H	R
14024	11272	1	$\frac{u(-1+w^2)^{3/2}}{v^{3/2}}$	K	AB	H	K
14025	11273	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}}$	K	AB	H	E
14026	11274	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	K	AB	H	L
14027	11275	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	K	AB	H	S
14028	11276	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	K	AB	H	T

14029	11277	1	$\frac{\sqrt[3]{uw}}{v^2}$	K	R	CD	CD
14030	11277	2	$\frac{\sqrt[3]{uw}}{v^2}$	K	R	CDF	CDF
14031	11278	1	$\frac{v^2}{\sqrt[3]{uw}}$	K	R	CD	CDI
14032	11278	2	$\frac{v^2}{\sqrt[3]{uw}}$	K	R	CDF	CDIF
14033	11279	1	$\frac{\sqrt[3]{uw}\pi}{v^2}$	K	R	CD	CDF
14034	11280	1	$\frac{v^2}{\sqrt[3]{uw}\pi}$	K	R	CD	CDIF
14035	11281	1	$\frac{u^{2/3}w^2}{v^4}$	K	R	CD	AB
14036	11282	1	$\sqrt{\frac{\sqrt[3]{uw}}{v^2}}$	K	R	CD	R
14037	11283	1	$\frac{uw^3}{v^6}$	K	R	CD	K
14038	11284	1	$e^{\frac{\sqrt[3]{uw}}{v^2}}$	K	R	CD	E
14039	11285	1	$\log\left(\frac{\sqrt[3]{uw}}{v^2}\right)$	K	R	CD	L
14040	11286	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{v^2}\right)$	K	R	CD	S
14041	11287	1	$\arctan\left(\frac{\sqrt[3]{uw}}{v^2}\right)$	K	R	CD	T
14042	11288	1	$\sqrt{-\frac{v^4 + u^{2/3}w^2}{v^4}}$	K	R	CD	P
14043	11289	1	$\sqrt{\frac{v^4 + u^{2/3}w^2}{v^4}}$	K	R	CD	H

14044	11290	1	$\frac{\sqrt[3]{u}}{v^2w}$	K	R	CDI	CD
14045	11290	2	$\frac{\sqrt[3]{u}}{v^2w}$	K	R	CDIF	CDF
14046	11291	1	$\frac{v^2w}{\sqrt[3]{u}}$	K	R	CDI	CDI
14047	11291	2	$\frac{v^2w}{\sqrt[3]{u}}$	K	R	CDIF	CDIF
14048	11292	1	$\frac{\sqrt[3]{u}\pi}{v^2w}$	K	R	CDI	CDF
14049	11293	1	$\frac{v^2w}{\sqrt[3]{u}\pi}$	K	R	CDI	CDIF
14050	11294	1	$\frac{u^{2/3}}{v^4w^2}$	K	R	CDI	AB
14051	11295	1	$\sqrt{\frac{\sqrt[3]{u}}{v^2w}}$	K	R	CDI	R
14052	11296	1	$\frac{u}{v^6w^3}$	K	R	CDI	K
14053	11297	1	$e^{\frac{\sqrt[3]{u}}{v^2w}}$	K	R	CDI	E
14054	11298	1	$\log\left(\frac{\sqrt[3]{u}}{v^2w}\right)$	K	R	CDI	L
14055	11299	1	$\arcsin\left(\frac{\sqrt[3]{u}}{v^2w}\right)$	K	R	CDI	S
14056	11300	1	$\arctan\left(\frac{\sqrt[3]{u}}{v^2w}\right)$	K	R	CDI	T
14057	11301	1	$\sqrt{\frac{v^4w^2 - u^{2/3}}{v^4w^2}}$	K	R	CDI	P
14058	11302	1	$\sqrt{\frac{v^4w^2 + u^{2/3}}{v^4w^2}}$	K	R	CDI	H

14059	11303	1	$\frac{\sqrt[3]{uw}}{v^2\pi}$	K	R	CDF	CD
14060	11304	1	$\frac{v^2\pi}{\sqrt[3]{uw}}$	K	R	CDF	CDI
14061	11305	1	$\frac{u^{2/3}w^2}{v^4\pi^2}$	K	R	CDF	AB
14062	11306	1	$\sqrt{\frac{\sqrt[3]{uw}}{v^2\pi}}$	K	R	CDF	R
14063	11307	1	$\frac{uw^3}{v^6\pi^3}$	K	R	CDF	K
14064	11308	1	$e^{\frac{\sqrt[3]{uw}}{v^2\pi}}$	K	R	CDF	E
14065	11309	1	$\log\left(\frac{\sqrt[3]{uw}}{v^2\pi}\right)$	K	R	CDF	L
14066	11310	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{v^2\pi}\right)$	K	R	CDF	S
14067	11311	1	$\arctan\left(\frac{\sqrt[3]{uw}}{v^2\pi}\right)$	K	R	CDF	T
14068	11312	1	$\sqrt{\frac{v^4\pi^2 - u^{2/3}w^2}{v^4\pi^2}}$	K	R	CDF	P
14069	11313	1	$\sqrt{\frac{v^4\pi^2 + u^{2/3}w^2}{v^4\pi^2}}$	K	R	CDF	H
14070	11314	1	$\frac{\sqrt[3]{u}}{v^2w\pi}$	K	R	CDIF	CD
14071	11315	1	$\frac{v^2w\pi}{\sqrt[3]{u}}$	K	R	CDIF	CDI
14072	11316	1	$\frac{u^{2/3}}{v^4w^2\pi^2}$	K	R	CDIF	AB
14073	11317	1	$\sqrt{\frac{\sqrt[3]{u}}{v^2w\pi}}$	K	R	CDIF	R

14074	11318	1	$\frac{u}{v^6 w^3 \pi^3}$	K	R	CDIF	K
14075	11319	1	$e^{\frac{\sqrt[3]{u}}{v^2 w \pi}}$	K	R	CDIF	E
14076	11320	1	$\log\left(\frac{\sqrt[3]{u}}{v^2 w \pi}\right)$	K	R	CDIF	L
14077	11321	1	$\arcsin\left(\frac{\sqrt[3]{u}}{v^2 w \pi}\right)$	K	R	CDIF	S
14078	11322	1	$\arctan\left(\frac{\sqrt[3]{u}}{v^2 w \pi}\right)$	K	R	CDIF	T
14079	11323	1	$\sqrt{\frac{v^4 w^2 \pi^2 - u^{2/3}}{v^4 w^2 \pi^2}}$	K	R	CDIF	P
14080	11324	1	$\sqrt{\frac{v^4 w^2 \pi^2 + u^{2/3}}{v^4 w^2 \pi^2}}$	K	R	CDIF	H
14081	11325	1	$\frac{\sqrt[3]{u} \sqrt{w}}{v^2}$	K	R	AB	CD
14082	11326	1	$\frac{v^2}{\sqrt[3]{u} \sqrt{w}}$	K	R	AB	CDI
14083	11327	1	$\frac{\sqrt[3]{u} \sqrt{w} \pi}{v^2}$	K	R	AB	CDF
14084	11328	1	$\frac{v^2}{\sqrt[3]{u} \sqrt{w} \pi}$	K	R	AB	CDIF
14085	11329	1	$\frac{u^{2/3} w}{v^4}$	K	R	AB	AB
14086	11330	1	$\sqrt{\frac{\sqrt[3]{u} \sqrt{w}}{v^2}}$	K	R	AB	R
14087	11331	1	$\frac{u w^{3/2}}{v^6}$	K	R	AB	K

14088	11332	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{v^2}}$	K	R	AB	E
14089	11333	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{v^2}\right)$	K	R	AB	L
14090	11334	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{v^2}\right)$	K	R	AB	S
14091	11335	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{v^2}\right)$	K	R	AB	T
14092	11336	1	$\sqrt{-\frac{v^4 + u^{2/3}w}{v^4}}$	K	R	AB	P
14093	11337	1	$\sqrt{\frac{v^4 + u^{2/3}w}{v^4}}$	K	R	AB	H
14094	11338	1	$\frac{\sqrt[3]{u}w^2}{v^2}$	K	R	R	CD
14095	11339	1	$\frac{v^2}{\sqrt[3]{u}w^2}$	K	R	R	CDI
14096	11340	1	$\frac{\sqrt[3]{u}w^2\pi}{v^2}$	K	R	R	CDF
14097	11341	1	$\frac{v^2}{\sqrt[3]{u}w^2\pi}$	K	R	R	CDIF
14098	11342	1	$\frac{u^{2/3}w^4}{v^4}$	K	R	R	AB
14099	11343	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{v^2}}$	K	R	R	R
14100	11344	1	$\frac{uw^6}{v^6}$	K	R	R	K
14101	11345	1	$e^{\frac{\sqrt[3]{u}w^2}{v^2}}$	K	R	R	E
14102	11346	1	$\log\left(\frac{\sqrt[3]{u}w^2}{v^2}\right)$	K	R	R	L

14103	11347	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{v^2}\right)$	K	R	R	S
14104	11348	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{v^2}\right)$	K	R	R	T
14105	11349	1	$\sqrt{-\frac{v^4 + u^{2/3}w^4}{v^4}}$	K	R	R	P
14106	11350	1	$\sqrt{\frac{v^4 + u^{2/3}w^4}{v^4}}$	K	R	R	H
14107	11351	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}$	K	R	K	CD
14108	11352	1	$\frac{v^2}{\sqrt[3]{u}\sqrt[3]{w}}$	K	R	K	CDI
14109	11353	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{v^2}$	K	R	K	CDF
14110	11354	1	$\frac{v^2}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	R	K	CDIF
14111	11355	1	$\frac{u^{2/3}w^{2/3}}{v^4}$	K	R	K	AB
14112	11356	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}}$	K	R	K	R
14113	11357	1	$\frac{uw}{v^6}$	K	R	K	K
14114	11358	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}}$	K	R	K	E
14115	11359	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}\right)$	K	R	K	L
14116	11360	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}\right)$	K	R	K	S

14117	11361	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{v^2}\right)$	K	R	K	T
14118	11362	1	$\sqrt{\frac{v^4 - u^{2/3}w^{2/3}}{v^4}}$	K	R	K	P
14119	11363	1	$\sqrt{\frac{v^4 + u^{2/3}w^{2/3}}{v^4}}$	K	R	K	H
14120	11364	1	$\frac{\sqrt[3]{u}\ln(w)}{v^2}$	K	R	E	CD
14121	11365	1	$\frac{v^2}{\sqrt[3]{u}\ln(w)}$	K	R	E	CDI
14122	11366	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{v^2}$	K	R	E	CDF
14123	11367	1	$\frac{v^2}{\sqrt[3]{u}\ln(w)\pi}$	K	R	E	CDIF
14124	11368	1	$\frac{u^{2/3}(\ln(w))^2}{v^4}$	K	R	E	AB
14125	11369	1	$\sqrt{\frac{\sqrt[3]{u}\ln(w)}{v^2}}$	K	R	E	R
14126	11370	1	$\frac{u(\ln(w))^3}{v^6}$	K	R	E	K
14127	11371	1	$w^{\frac{\sqrt[3]{u}}{v^2}}$	K	R	E	E
14128	11372	1	$\log\left(\frac{\sqrt[3]{u}\ln(w)}{v^2}\right)$	K	R	E	L
14129	11373	1	$\arcsin\left(\frac{\sqrt[3]{u}\ln(w)}{v^2}\right)$	K	R	E	S
14130	11374	1	$\arctan\left(\frac{\sqrt[3]{u}\ln(w)}{v^2}\right)$	K	R	E	T
14131	11375	1	$\sqrt{\frac{v^4 - u^{2/3}(\ln(w))^2}{v^4}}$	K	R	E	P

14132	11376	1	$\sqrt{\frac{v^4 + u^{2/3} (\ln(w))^2}{v^4}}$	K	R	E	H
14133	11377	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}$	K	R	L	CD
14134	11378	1	$\frac{v^2}{\sqrt[3]{u} \text{Exp}(w)}$	K	R	L	CDI
14135	11379	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{v^2}$	K	R	L	CDF
14136	11380	1	$\frac{v^2}{\sqrt[3]{u} \text{Exp}(w) \pi}$	K	R	L	CDIF
14137	11381	1	$\frac{u^{2/3} (\text{Exp}(w))^2}{v^4}$	K	R	L	AB
14138	11382	1	$\sqrt{\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}}$	K	R	L	R
14139	11383	1	$\frac{u (\text{Exp}(w))^3}{v^6}$	K	R	L	K
14140	11384	1	$e^{\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}}$	K	R	L	E
14141	11385	1	$\log\left(\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}\right)$	K	R	L	L
14142	11386	1	$\arcsin\left(\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}\right)$	K	R	L	S
14143	11387	1	$\arctan\left(\frac{\sqrt[3]{u} \text{Exp}(w)}{v^2}\right)$	K	R	L	T
14144	11388	1	$\sqrt{\frac{v^4 - u^{2/3} (\text{Exp}(w))^2}{v^4}}$	K	R	L	P
14145	11389	1	$\sqrt{\frac{v^4 + u^{2/3} (\text{Exp}(w))^2}{v^4}}$	K	R	L	H

14146	11390	1	$\frac{\sqrt[3]{u} \sin(w)}{v^2}$	K	R	S	CD
14147	11391	1	$\frac{v^2}{\sqrt[3]{u} \sin(w)}$	K	R	S	CDI
14148	11392	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{v^2}$	K	R	S	CDF
14149	11393	1	$\frac{v^2}{\sqrt[3]{u} \sin(w) \pi}$	K	R	S	CDIF
14150	11394	1	$\frac{u^{2/3} (\sin(w))^2}{v^4}$	K	R	S	AB
14151	11395	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{v^2}}$	K	R	S	R
14152	11396	1	$\frac{u (\sin(w))^3}{v^6}$	K	R	S	K
14153	11397	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{v^2}}$	K	R	S	E
14154	11398	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{v^2}\right)$	K	R	S	L
14155	11399	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{v^2}\right)$	K	R	S	S
14156	11400	1	$\arctan\left(\frac{\sqrt[3]{u} \sin(w)}{v^2}\right)$	K	R	S	T
14157	11401	1	$\sqrt{\frac{v^4 + u^{2/3} (\cos(w))^2 - u^{2/3}}{v^4}}$	K	R	S	P
14158	11402	1	$\sqrt{\frac{v^4 - u^{2/3} (\cos(w))^2 + u^{2/3}}{v^4}}$	K	R	S	H
14159	11403	1	$\frac{\sqrt[3]{u} \tan(w)}{v^2}$	K	R	T	CD

14160	11404	1	$\frac{v^2}{\sqrt[3]{u} \tan(w)}$	K	R	T	CDI
14161	11405	1	$\frac{\sqrt[3]{u} \tan(w) \pi}{v^2}$	K	R	T	CDF
14162	11406	1	$\frac{v^2}{\sqrt[3]{u} \tan(w) \pi}$	K	R	T	CDIF
14163	11407	1	$\frac{u^{2/3} (\tan(w))^2}{v^4}$	K	R	T	AB
14164	11408	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{v^2}}$	K	R	T	R
14165	11409	1	$\frac{u (\tan(w))^3}{v^6}$	K	R	T	K
14166	11410	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{v^2}}$	K	R	T	E
14167	11411	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{v^2}\right)$	K	R	T	L
14168	11412	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{v^2}\right)$	K	R	T	S
14169	11413	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{v^2}\right)$	K	R	T	T
14170	11414	1	$\sqrt{\frac{v^4 - u^{2/3} (\tan(w))^2}{v^4}}$	K	R	T	P
14171	11415	1	$\sqrt{\frac{v^4 + u^{2/3} (\tan(w))^2}{v^4}}$	K	R	T	H
14172	11416	1	$\frac{\sqrt[3]{u} \sqrt{-(w-1)(w+1)}}{v^2}$	K	R	P	CD
14173	11417	1	$\frac{v^2}{\sqrt[3]{u} \sqrt{1-w^2}}$	K	R	P	CDI

14174	11418	1	$\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}\pi}{v^2}$	K	R	P	CDF
14175	11419	1	$\frac{v^2}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	R	P	CDIF
14176	11420	1	$-\frac{u^{2/3}(-1+w^2)}{v^4}$	K	R	P	AB
14177	11421	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}}{v^2}}$	K	R	P	R
14178	11422	1	$\frac{u(1-w^2)^{3/2}}{v^6}$	K	R	P	K
14179	11423	1	$e^{\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}}{v^2}}$	K	R	P	E
14180	11424	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	K	R	P	L
14181	11425	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	K	R	P	S
14182	11426	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	K	R	P	T
14183	11427	1	$\sqrt{\frac{v^4-u^{2/3}+u^{2/3}w^2}{v^4}}$	K	R	P	P
14184	11427	2	$\sqrt{\frac{v^4-u^{2/3}+u^{2/3}w^2}{v^4}}$	K	R	H	H
14185	11428	1	$\sqrt{-\frac{-v^4-u^{2/3}+u^{2/3}w^2}{v^4}}$	K	R	P	H
14186	11428	2	$\sqrt{-\frac{-v^4-u^{2/3}+u^{2/3}w^2}{v^4}}$	K	R	H	P
14187	11429	1	$\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}$	K	R	H	CD

14188	11430	1	$\frac{v^2}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	R	H	CDI
14189	11431	1	$\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}\pi}{v^2}$	K	R	H	CDF
14190	11432	1	$\frac{v^2}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	R	H	CDIF
14191	11433	1	$\frac{u^{2/3}(-1+w^2)}{v^4}$	K	R	H	AB
14192	11434	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}}$	K	R	H	R
14193	11435	1	$\frac{u(-1+w^2)^{3/2}}{v^6}$	K	R	H	K
14194	11436	1	$e^{\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}}$	K	R	H	E
14195	11437	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	K	R	H	L
14196	11438	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	K	R	H	S
14197	11439	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{(w-1)(w+1)}}{v^2}\right)$	K	R	H	T
14198	11440	1	$\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}$	K	K	CD	CD
14199	11440	2	$\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}$	K	K	CDF	CDF
14200	11441	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{uw}}$	K	K	CD	CDI
14201	11441	2	$\frac{\sqrt[3]{v}}{\sqrt[3]{uw}}$	K	K	CDF	CDIF
14202	11442	1	$\frac{\sqrt[3]{uw}\pi}{\sqrt[3]{v}}$	K	K	CD	CDF

14203	11443	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{uw}\pi}$	K	K	CD	CDIF
14204	11444	1	$\frac{u^{2/3}w^2}{v^{2/3}}$	K	K	CD	AB
14205	11445	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}}$	K	K	CD	R
14206	11446	1	$\frac{uw^3}{v}$	K	K	CD	K
14207	11447	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}}$	K	K	CD	E
14208	11448	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}\right)$	K	K	CD	L
14209	11449	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}\right)$	K	K	CD	S
14210	11450	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}}\right)$	K	K	CD	T
14211	11451	1	$\sqrt{-\frac{v^{2/3} + u^{2/3}w^2}{v^{2/3}}}$	K	K	CD	P
14212	11452	1	$\sqrt{\frac{v^{2/3} + u^{2/3}w^2}{v^{2/3}}}$	K	K	CD	H
14213	11453	1	$\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}$	K	K	CDI	CD
14214	11453	2	$\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}$	K	K	CDIF	CDF
14215	11454	1	$\frac{\sqrt[3]{vw}}{\sqrt[3]{u}}$	K	K	CDI	CDI
14216	11454	2	$\frac{\sqrt[3]{vw}}{\sqrt[3]{u}}$	K	K	CDIF	CDIF
14217	11455	1	$\frac{\sqrt[3]{u}\pi}{\sqrt[3]{vw}}$	K	K	CDI	CDF

14218	11456	1	$\frac{\sqrt[3]{v}w}{\sqrt[3]{u}\pi}$	K	K	CDI	CDIF
14219	11457	1	$\frac{u^{2/3}}{v^{2/3}w^2}$	K	K	CDI	AB
14220	11458	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}}$	K	K	CDI	R
14221	11459	1	$\frac{u}{vw^3}$	K	K	CDI	K
14222	11460	1	$e^{\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}}$	K	K	CDI	E
14223	11461	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}\right)$	K	K	CDI	L
14224	11462	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}\right)$	K	K	CDI	S
14225	11463	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt[3]{vw}}\right)$	K	K	CDI	T
14226	11464	1	$\sqrt{\frac{v^{2/3}w^2 - u^{2/3}}{v^{2/3}w^2}}$	K	K	CDI	P
14227	11465	1	$\sqrt{\frac{v^{2/3}w^2 + u^{2/3}}{v^{2/3}w^2}}$	K	K	CDI	H
14228	11466	1	$\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}$	K	K	CDF	CD
14229	11467	1	$\frac{\sqrt[3]{v}\pi}{\sqrt[3]{uw}}$	K	K	CDF	CDI
14230	11468	1	$\frac{u^{2/3}w^2}{v^{2/3}\pi^2}$	K	K	CDF	AB
14231	11469	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}}$	K	K	CDF	R

14232	11470	1	$\frac{uw^3}{v\pi^3}$	K	K	CDF	K
14233	11471	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}}$	K	K	CDF	E
14234	11472	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}\right)$	K	K	CDF	L
14235	11473	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}\right)$	K	K	CDF	S
14236	11474	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt[3]{v}\pi}\right)$	K	K	CDF	T
14237	11475	1	$\sqrt{\frac{v^{2/3}\pi^2 - u^{2/3}w^2}{v^{2/3}\pi^2}}$	K	K	CDF	P
14238	11476	1	$\sqrt{\frac{v^{2/3}\pi^2 + u^{2/3}w^2}{v^{2/3}\pi^2}}$	K	K	CDF	H
14239	11477	1	$\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}$	K	K	CDIF	CD
14240	11478	1	$\frac{\sqrt[3]{v}w\pi}{\sqrt[3]{u}}$	K	K	CDIF	CDI
14241	11479	1	$\frac{u^{2/3}}{v^{2/3}w^2\pi^2}$	K	K	CDIF	AB
14242	11480	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}}$	K	K	CDIF	R
14243	11481	1	$\frac{u}{vw^3\pi^3}$	K	K	CDIF	K
14244	11482	1	$e^{\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}}$	K	K	CDIF	E
14245	11483	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}\right)$	K	K	CDIF	L
14246	11484	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}\right)$	K	K	CDIF	S

14247	11485	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt[3]{v}w\pi}\right)$	K	K	CDIF	T
14248	11486	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 - u^{2/3}}{v^{2/3}w^2\pi^2}}$	K	K	CDIF	P
14249	11487	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + u^{2/3}}{v^{2/3}w^2\pi^2}}$	K	K	CDIF	H
14250	11488	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}$	K	K	AB	CD
14251	11489	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt{w}}$	K	K	AB	CDI
14252	11490	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{\sqrt[3]{v}}$	K	K	AB	CDF
14253	11491	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt{w}\pi}$	K	K	AB	CDIF
14254	11492	1	$\frac{u^{2/3}w}{v^{2/3}}$	K	K	AB	AB
14255	11493	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}}$	K	K	AB	R
14256	11494	1	$\frac{uw^{3/2}}{v}$	K	K	AB	K
14257	11495	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}}$	K	K	AB	E
14258	11496	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	K	K	AB	L
14259	11497	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	K	K	AB	S
14260	11498	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt[3]{v}}\right)$	K	K	AB	T

14261	11499	1	$\sqrt{-\frac{v^{2/3} + u^{2/3}w}{v^{2/3}}}$	K	K	AB	P
14262	11500	1	$\sqrt{\frac{v^{2/3} + u^{2/3}w}{v^{2/3}}}$	K	K	AB	H
14263	11501	1	$\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}$	K	K	R	CD
14264	11502	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}w^2}$	K	K	R	CDI
14265	11503	1	$\frac{\sqrt[3]{u}w^2\pi}{\sqrt[3]{v}}$	K	K	R	CDF
14266	11504	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}w^2\pi}$	K	K	R	CDIF
14267	11505	1	$\frac{u^{2/3}w^4}{v^{2/3}}$	K	K	R	AB
14268	11506	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}}$	K	K	R	R
14269	11507	1	$\frac{uw^6}{v}$	K	K	R	K
14270	11508	1	$e^{\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}}$	K	K	R	E
14271	11509	1	$\log\left(\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}\right)$	K	K	R	L
14272	11510	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}\right)$	K	K	R	S
14273	11511	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{\sqrt[3]{v}}\right)$	K	K	R	T
14274	11512	1	$\sqrt{-\frac{v^{2/3} + u^{2/3}w^4}{v^{2/3}}}$	K	K	R	P

14275	11513	1	$\sqrt{\frac{v^{2/3} + u^{2/3}w^4}{v^{2/3}}}$	K	K	R	H
14276	11514	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}$	K	K	K	CD
14277	11515	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt[3]{w}}$	K	K	K	CDI
14278	11516	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\sqrt[3]{v}}$	K	K	K	CDF
14279	11517	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	K	K	CDIF
14280	11518	1	$\frac{u^{2/3}w^{2/3}}{v^{2/3}}$	K	K	K	AB
14281	11519	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}}$	K	K	K	R
14282	11520	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}}$	K	K	K	E
14283	11521	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	K	K	K	L
14284	11522	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	K	K	K	S
14285	11523	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	K	K	K	T
14286	11524	1	$\sqrt{-\frac{v^{2/3} + u^{2/3}w^{2/3}}{v^{2/3}}}$	K	K	K	P
14287	11525	1	$\sqrt{\frac{v^{2/3} + u^{2/3}w^{2/3}}{v^{2/3}}}$	K	K	K	H
14288	11526	1	$\frac{\sqrt[3]{u}\ln(w)}{\sqrt[3]{v}}$	K	K	E	CD
14289	11527	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\ln(w)}$	K	K	E	CDI

14290	11528	1	$\frac{\sqrt[3]{u} \ln(w) \pi}{\sqrt[3]{v}}$	K	K	E	CDF
14291	11529	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \ln(w) \pi}$	K	K	E	CDIF
14292	11530	1	$\frac{u^{2/3} (\ln(w))^2}{v^{2/3}}$	K	K	E	AB
14293	11531	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{\sqrt[3]{v}}}$	K	K	E	R
14294	11532	1	$\frac{u (\ln(w))^3}{v}$	K	K	E	K
14295	11533	1	$w^{\frac{\sqrt[3]{u}}{\sqrt[3]{v}}}$	K	K	E	E
14296	11534	1	$\log\left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt[3]{v}}\right)$	K	K	E	L
14297	11535	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt[3]{v}}\right)$	K	K	E	S
14298	11536	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w)}{\sqrt[3]{v}}\right)$	K	K	E	T
14299	11537	1	$\sqrt{\frac{v^{2/3} - u^{2/3} (\ln(w))^2}{v^{2/3}}}$	K	K	E	P
14300	11538	1	$\sqrt{\frac{v^{2/3} + u^{2/3} (\ln(w))^2}{v^{2/3}}}$	K	K	E	H
14301	11539	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{\sqrt[3]{v}}$	K	K	L	CD
14302	11540	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \text{Exp}(w)}$	K	K	L	CDI
14303	11541	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{\sqrt[3]{v}}$	K	K	L	CDF

14304	11542	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \operatorname{Exp}(w) \pi}$	K	K	L	CDIF
14305	11543	1	$\frac{u^{2/3} (\operatorname{Exp}(w))^2}{v^{2/3}}$	K	K	L	AB
14306	11544	1	$\sqrt{\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	K	K	L	R
14307	11545	1	$\frac{u (\operatorname{Exp}(w))^3}{v}$	K	K	L	K
14308	11546	1	$e^{\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	K	K	L	E
14309	11547	1	$\log \left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\sqrt[3]{v}} \right)$	K	K	L	L
14310	11548	1	$\arcsin \left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\sqrt[3]{v}} \right)$	K	K	L	S
14311	11549	1	$\arctan \left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\sqrt[3]{v}} \right)$	K	K	L	T
14312	11550	1	$\sqrt{\frac{v^{2/3} - u^{2/3} (\operatorname{Exp}(w))^2}{v^{2/3}}}$	K	K	L	P
14313	11551	1	$\sqrt{\frac{v^{2/3} + u^{2/3} (\operatorname{Exp}(w))^2}{v^{2/3}}}$	K	K	L	H
14314	11552	1	$\frac{\sqrt[3]{u} \sin(w)}{\sqrt[3]{v}}$	K	K	S	CD
14315	11553	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \sin(w)}$	K	K	S	CDI
14316	11554	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\sqrt[3]{v}}$	K	K	S	CDF
14317	11555	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \sin(w) \pi}$	K	K	S	CDIF

14318	11556	1	$\frac{u^{2/3} (\sin (w))^2}{v^{2/3}}$	K	K	S	AB
14319	11557	1	$\sqrt{\frac{\sqrt[3]{u} \sin (w)}{\sqrt[3]{v}}}$	K	K	S	R
14320	11558	1	$\frac{u (\sin (w))^3}{v}$	K	K	S	K
14321	11559	1	$e^{\frac{\sqrt[3]{u} \sin (w)}{\sqrt[3]{v}}}$	K	K	S	E
14322	11560	1	$\log \left(\frac{\sqrt[3]{u} \sin (w)}{\sqrt[3]{v}} \right)$	K	K	S	L
14323	11561	1	$\arcsin \left(\frac{\sqrt[3]{u} \sin (w)}{\sqrt[3]{v}} \right)$	K	K	S	S
14324	11562	1	$\arctan \left(\frac{\sqrt[3]{u} \sin (w)}{\sqrt[3]{v}} \right)$	K	K	S	T
14325	11563	1	$\sqrt{\frac{v^{2/3} + u^{2/3} (\cos (w))^2 - u^{2/3}}{v^{2/3}}}$	K	K	S	P
14326	11564	1	$\sqrt{\frac{v^{2/3} - u^{2/3} (\cos (w))^2 + u^{2/3}}{v^{2/3}}}$	K	K	S	H
14327	11565	1	$\frac{\sqrt[3]{u} \tan (w)}{\sqrt[3]{v}}$	K	K	T	CD
14328	11566	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \tan (w)}$	K	K	T	CDI
14329	11567	1	$\frac{\sqrt[3]{u} \tan (w) \pi}{\sqrt[3]{v}}$	K	K	T	CDF
14330	11568	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \tan (w) \pi}$	K	K	T	CDIF
14331	11569	1	$\frac{u^{2/3} (\tan (w))^2}{v^{2/3}}$	K	K	T	AB

14332	11570	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{\sqrt[3]{v}}}$	K	K	T	R
14333	11571	1	$\frac{u (\tan(w))^3}{v}$	K	K	T	K
14334	11572	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{\sqrt[3]{v}}}$	K	K	T	E
14335	11573	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt[3]{v}}\right)$	K	K	T	L
14336	11574	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt[3]{v}}\right)$	K	K	T	S
14337	11575	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt[3]{v}}\right)$	K	K	T	T
14338	11576	1	$\sqrt{\frac{v^{2/3} - u^{2/3} (\tan(w))^2}{v^{2/3}}}$	K	K	T	P
14339	11577	1	$\sqrt{\frac{v^{2/3} + u^{2/3} (\tan(w))^2}{v^{2/3}}}$	K	K	T	H
14340	11578	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\sqrt[3]{v}}$	K	K	P	CD
14341	11579	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \sqrt{1-w^2}}$	K	K	P	CDI
14342	11580	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	K	K	P	CDF
14343	11581	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u} \sqrt{1-w^2} \pi}$	K	K	P	CDIF
14344	11582	1	$-\frac{u^{2/3} (-1+w^2)}{v^{2/3}}$	K	K	P	AB
14345	11583	1	$\sqrt{\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\sqrt[3]{v}}}$	K	K	P	R

14346	11584	1	$\frac{u(1-w^2)^{3/2}}{v}$	K	K	P	K
14347	11585	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	K	K	P	E
14348	11586	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	K	K	P	L
14349	11587	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	K	K	P	S
14350	11588	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	K	K	P	T
14351	11589	1	$\sqrt{\frac{v^{2/3}-u^{2/3}+u^{2/3}w^2}{v^{2/3}}}$	K	K	P	P
14352	11589	2	$\sqrt{\frac{v^{2/3}-u^{2/3}+u^{2/3}w^2}{v^{2/3}}}$	K	K	H	H
14353	11590	1	$\sqrt{-\frac{v^{2/3}-u^{2/3}+u^{2/3}w^2}{v^{2/3}}}$	K	K	P	H
14354	11590	2	$\sqrt{-\frac{v^{2/3}-u^{2/3}+u^{2/3}w^2}{v^{2/3}}}$	K	K	H	P
14355	11591	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}$	K	K	H	CD
14356	11592	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	K	H	CDI
14357	11593	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	K	K	H	CDF
14358	11594	1	$\frac{\sqrt[3]{v}}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	K	H	CDIF
14359	11595	1	$\frac{u^{2/3}(-1+w^2)}{v^{2/3}}$	K	K	H	AB

14360	11596	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	K	K	H	R
14361	11597	1	$\frac{u(-1+w^2)^{3/2}}{v}$	K	K	H	K
14362	11598	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	K	K	H	E
14363	11599	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	K	K	H	L
14364	11600	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	K	K	H	S
14365	11601	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	K	K	H	T
14366	11602	1	$\frac{\sqrt[3]{u}w}{\ln(v)}$	K	E	CD	CD
14367	11602	2	$\frac{\sqrt[3]{u}w}{\ln(v)}$	K	E	CDF	CDF
14368	11603	1	$\frac{\ln(v)}{\sqrt[3]{uw}}$	K	E	CD	CDI
14369	11603	2	$\frac{\ln(v)}{\sqrt[3]{uw}}$	K	E	CDF	CDIF
14370	11604	1	$\frac{\sqrt[3]{u}w\pi}{\ln(v)}$	K	E	CD	CDF
14371	11605	1	$\frac{\ln(v)}{\sqrt[3]{uw}\pi}$	K	E	CD	CDIF
14372	11606	1	$\frac{u^{2/3}w^2}{(\ln(v))^2}$	K	E	CD	AB
14373	11607	1	$\sqrt{\frac{\sqrt[3]{u}w}{\ln(v)}}$	K	E	CD	R
14374	11608	1	$\frac{uw^3}{(\ln(v))^3}$	K	E	CD	K

14375	11609	1	$e^{\frac{\sqrt[3]{u}w}{\ln(v)}}$	K	E	CD	E
14376	11610	1	$\log\left(\frac{\sqrt[3]{u}w}{\ln(v)}\right)$	K	E	CD	L
14377	11611	1	$\arcsin\left(\frac{\sqrt[3]{u}w}{\ln(v)}\right)$	K	E	CD	S
14378	11612	1	$\arctan\left(\frac{\sqrt[3]{u}w}{\ln(v)}\right)$	K	E	CD	T
14379	11613	1	$\sqrt{-\frac{(\ln(v))^2 + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	CD	P
14380	11614	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	CD	H
14381	11615	1	$\frac{\sqrt[3]{u}}{\ln(v)w}$	K	E	CDI	CD
14382	11615	2	$\frac{\sqrt[3]{u}}{\ln(v)w}$	K	E	CDIF	CDF
14383	11616	1	$\frac{\ln(v)w}{\sqrt[3]{u}}$	K	E	CDI	CDI
14384	11616	2	$\frac{\ln(v)w}{\sqrt[3]{u}}$	K	E	CDIF	CDIF
14385	11617	1	$\frac{\sqrt[3]{u}\pi}{\ln(v)w}$	K	E	CDI	CDF
14386	11618	1	$\frac{\ln(v)w}{\sqrt[3]{u}\pi}$	K	E	CDI	CDIF
14387	11619	1	$\frac{u^{2/3}}{(\ln(v))^2 w^2}$	K	E	CDI	AB
14388	11620	1	$\sqrt{\frac{\sqrt[3]{u}}{\ln(v)w}}$	K	E	CDI	R
14389	11621	1	$\frac{u}{(\ln(v))^3 w^3}$	K	E	CDI	K

14390	11622	1	$e^{\frac{\sqrt[3]{u}}{\ln(v)w}}$	K	E	CDI	E
14391	11623	1	$\log\left(\frac{\sqrt[3]{u}}{\ln(v)w}\right)$	K	E	CDI	L
14392	11624	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\ln(v)w}\right)$	K	E	CDI	S
14393	11625	1	$\arctan\left(\frac{\sqrt[3]{u}}{\ln(v)w}\right)$	K	E	CDI	T
14394	11626	1	$\sqrt{\frac{(\ln(v))^2 w^2 - u^{2/3}}{(\ln(v))^2 w^2}}$	K	E	CDI	P
14395	11627	1	$\sqrt{\frac{(\ln(v))^2 w^2 + u^{2/3}}{(\ln(v))^2 w^2}}$	K	E	CDI	H
14396	11628	1	$\frac{\sqrt[3]{uw}}{\ln(v)\pi}$	K	E	CDF	CD
14397	11629	1	$\frac{\ln(v)\pi}{\sqrt[3]{uw}}$	K	E	CDF	CDI
14398	11630	1	$\frac{u^{2/3}w^2}{(\ln(v))^2 \pi^2}$	K	E	CDF	AB
14399	11631	1	$\sqrt{\frac{\sqrt[3]{uw}}{\ln(v)\pi}}$	K	E	CDF	R
14400	11632	1	$\frac{uw^3}{(\ln(v))^3 \pi^3}$	K	E	CDF	K
14401	11633	1	$e^{\frac{\sqrt[3]{uw}}{\ln(v)\pi}}$	K	E	CDF	E
14402	11634	1	$\log\left(\frac{\sqrt[3]{uw}}{\ln(v)\pi}\right)$	K	E	CDF	L
14403	11635	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\ln(v)\pi}\right)$	K	E	CDF	S

14404	11636	1	$\arctan\left(\frac{\sqrt[3]{u}w}{\ln(v)\pi}\right)$	K	E	CDF	T
14405	11637	1	$\sqrt{\frac{(\ln(v))^2\pi^2 - u^{2/3}w^2}{(\ln(v))^2\pi^2}}$	K	E	CDF	P
14406	11638	1	$\sqrt{\frac{(\ln(v))^2\pi^2 + u^{2/3}w^2}{(\ln(v))^2\pi^2}}$	K	E	CDF	H
14407	11639	1	$\frac{\sqrt[3]{u}}{\ln(v)w\pi}$	K	E	CDIF	CD
14408	11640	1	$\frac{\ln(v)w\pi}{\sqrt[3]{u}}$	K	E	CDIF	CDI
14409	11641	1	$\frac{u^{2/3}}{(\ln(v))^2w^2\pi^2}$	K	E	CDIF	AB
14410	11642	1	$\sqrt{\frac{\sqrt[3]{u}}{\ln(v)w\pi}}$	K	E	CDIF	R
14411	11643	1	$\frac{u}{(\ln(v))^3w^3\pi^3}$	K	E	CDIF	K
14412	11644	1	$e^{\frac{\sqrt[3]{u}}{\ln(v)w\pi}}$	K	E	CDIF	E
14413	11645	1	$\log\left(\frac{\sqrt[3]{u}}{\ln(v)w\pi}\right)$	K	E	CDIF	L
14414	11646	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\ln(v)w\pi}\right)$	K	E	CDIF	S
14415	11647	1	$\arctan\left(\frac{\sqrt[3]{u}}{\ln(v)w\pi}\right)$	K	E	CDIF	T
14416	11648	1	$\sqrt{\frac{(\ln(v))^2w^2\pi^2 - u^{2/3}}{(\ln(v))^2w^2\pi^2}}$	K	E	CDIF	P
14417	11649	1	$\sqrt{\frac{(\ln(v))^2w^2\pi^2 + u^{2/3}}{(\ln(v))^2w^2\pi^2}}$	K	E	CDIF	H

14418	11650	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}$	K	E	AB	CD
14419	11651	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{w}}$	K	E	AB	CDI
14420	11652	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{\ln(v)}$	K	E	AB	CDF
14421	11653	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{w}\pi}$	K	E	AB	CDIF
14422	11654	1	$\frac{u^{2/3}w}{(\ln(v))^2}$	K	E	AB	AB
14423	11655	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}}$	K	E	AB	R
14424	11656	1	$\frac{uw^{3/2}}{(\ln(v))^3}$	K	E	AB	K
14425	11657	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}}$	K	E	AB	E
14426	11658	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}\right)$	K	E	AB	L
14427	11659	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}\right)$	K	E	AB	S
14428	11660	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\ln(v)}\right)$	K	E	AB	T
14429	11661	1	$\sqrt{-\frac{(\ln(v))^2 + u^{2/3}w}{(\ln(v))^2}}$	K	E	AB	P
14430	11662	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3}w}{(\ln(v))^2}}$	K	E	AB	H
14431	11663	1	$\frac{\sqrt[3]{u}w^2}{\ln(v)}$	K	E	R	CD
14432	11664	1	$\frac{\ln(v)}{\sqrt[3]{uw^2}}$	K	E	R	CDI

14433	11665	1	$\frac{\sqrt[3]{u}w^2\pi}{\ln(v)}$	K	E	R	CDF
14434	11666	1	$\frac{\ln(v)}{\sqrt[3]{u}w^2\pi}$	K	E	R	CDIF
14435	11667	1	$\frac{u^{2/3}w^4}{(\ln(v))^2}$	K	E	R	AB
14436	11668	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{\ln(v)}}$	K	E	R	R
14437	11669	1	$\frac{uw^6}{(\ln(v))^3}$	K	E	R	K
14438	11670	1	$e^{\frac{\sqrt[3]{u}w^2}{\ln(v)}}$	K	E	R	E
14439	11671	1	$\log\left(\frac{\sqrt[3]{u}w^2}{\ln(v)}\right)$	K	E	R	L
14440	11672	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{\ln(v)}\right)$	K	E	R	S
14441	11673	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{\ln(v)}\right)$	K	E	R	T
14442	11674	1	$\sqrt{-\frac{(\ln(v))^2 + u^{2/3}w^4}{(\ln(v))^2}}$	K	E	R	P
14443	11675	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3}w^4}{(\ln(v))^2}}$	K	E	R	H
14444	11676	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}$	K	E	K	CD
14445	11677	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt[3]{w}}$	K	E	K	CDI
14446	11678	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\ln(v)}$	K	E	K	CDF

14447	11679	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	E	K	CDIF
14448	11680	1	$\frac{u^{2/3}w^{2/3}}{(\ln(v))^2}$	K	E	K	AB
14449	11681	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}}$	K	E	K	R
14450	11682	1	$\frac{uw}{(\ln(v))^3}$	K	E	K	K
14451	11683	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}}$	K	E	K	E
14452	11684	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}\right)$	K	E	K	L
14453	11685	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}\right)$	K	E	K	S
14454	11686	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\ln(v)}\right)$	K	E	K	T
14455	11687	1	$\sqrt{\frac{(\ln(v))^2 - u^{2/3}w^{2/3}}{(\ln(v))^2}}$	K	E	K	P
14456	11688	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3}w^{2/3}}{(\ln(v))^2}}$	K	E	K	H
14457	11689	1	$\frac{\sqrt[3]{u}\ln(w)}{\ln(v)}$	K	E	E	CD
14458	11690	1	$\frac{\ln(v)}{\sqrt[3]{u}\ln(w)}$	K	E	E	CDI
14459	11691	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{\ln(v)}$	K	E	E	CDF
14460	11692	1	$\frac{\ln(v)}{\sqrt[3]{u}\ln(w)\pi}$	K	E	E	CDIF
14461	11693	1	$\frac{u^{2/3}(\ln(w))^2}{(\ln(v))^2}$	K	E	E	AB

14462	11694	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{\ln(v)}}$	K	E	E	R
14463	11695	1	$\frac{u (\ln(w))^3}{(\ln(v))^3}$	K	E	E	K
14464	11696	1	$w^{\frac{\sqrt[3]{u}}{\ln(v)}}$	K	E	E	E
14465	11697	1	$\log\left(\frac{\sqrt[3]{u} \ln(w)}{\ln(v)}\right)$	K	E	E	L
14466	11698	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w)}{\ln(v)}\right)$	K	E	E	S
14467	11699	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w)}{\ln(v)}\right)$	K	E	E	T
14468	11700	1	$\sqrt{\frac{(\ln(v))^2 - u^{2/3} (\ln(w))^2}{(\ln(v))^2}}$	K	E	E	P
14469	11701	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3} (\ln(w))^2}{(\ln(v))^2}}$	K	E	E	H
14470	11702	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{\ln(v)}$	K	E	L	CD
14471	11703	1	$\frac{\ln(v)}{\sqrt[3]{u} \text{Exp}(w)}$	K	E	L	CDI
14472	11704	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{\ln(v)}$	K	E	L	CDF
14473	11705	1	$\frac{\ln(v)}{\sqrt[3]{u} \text{Exp}(w) \pi}$	K	E	L	CDIF
14474	11706	1	$\frac{u^{2/3} (\text{Exp}(w))^2}{(\ln(v))^2}$	K	E	L	AB
14475	11707	1	$\sqrt{\frac{\sqrt[3]{u} \text{Exp}(w)}{\ln(v)}}$	K	E	L	R

14476	11708	1	$\frac{u (Exp(w))^3}{(\ln(v))^3}$	K	E	L	K
14477	11709	1	$e^{\frac{\sqrt[3]{u} Exp(w)}{\ln(v)}}$	K	E	L	E
14478	11710	1	$\log\left(\frac{\sqrt[3]{u} Exp(w)}{\ln(v)}\right)$	K	E	L	L
14479	11711	1	$\arcsin\left(\frac{\sqrt[3]{u} Exp(w)}{\ln(v)}\right)$	K	E	L	S
14480	11712	1	$\arctan\left(\frac{\sqrt[3]{u} Exp(w)}{\ln(v)}\right)$	K	E	L	T
14481	11713	1	$\sqrt{-\frac{(\ln(v))^2 + u^{2/3} (Exp(w))^2}{(\ln(v))^2}}$	K	E	L	P
14482	11714	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3} (Exp(w))^2}{(\ln(v))^2}}$	K	E	L	H
14483	11715	1	$\frac{\sqrt[3]{u} \sin(w)}{\ln(v)}$	K	E	S	CD
14484	11716	1	$\frac{\ln(v)}{\sqrt[3]{u} \sin(w)}$	K	E	S	CDI
14485	11717	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\ln(v)}$	K	E	S	CDF
14486	11718	1	$\frac{\ln(v)}{\sqrt[3]{u} \sin(w) \pi}$	K	E	S	CDIF
14487	11719	1	$\frac{u^{2/3} (\sin(w))^2}{(\ln(v))^2}$	K	E	S	AB
14488	11720	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{\ln(v)}}$	K	E	S	R
14489	11721	1	$\frac{u (\sin(w))^3}{(\ln(v))^3}$	K	E	S	K
14490	11722	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{\ln(v)}}$	K	E	S	E

14491	11723	1	$\log \left(\frac{\sqrt[3]{u} \sin (w)}{\ln (v)} \right)$	K	E	S	L
14492	11724	1	$\arcsin \left(\frac{\sqrt[3]{u} \sin (w)}{\ln (v)} \right)$	K	E	S	S
14493	11725	1	$\arctan \left(\frac{\sqrt[3]{u} \sin (w)}{\ln (v)} \right)$	K	E	S	T
14494	11726	1	$\sqrt{\frac{(\ln (v))^2 - u^{2/3} + u^{2/3} (\cos (w))^2}{(\ln (v))^2}}$	K	E	S	P
14495	11727	1	$\sqrt{\frac{(\ln (v))^2 + u^{2/3} - u^{2/3} (\cos (w))^2}{(\ln (v))^2}}$	K	E	S	H
14496	11728	1	$\frac{\sqrt[3]{u} \tan (w)}{\ln (v)}$	K	E	T	CD
14497	11729	1	$\frac{\ln (v)}{\sqrt[3]{u} \tan (w)}$	K	E	T	CDI
14498	11730	1	$\frac{\sqrt[3]{u} \tan (w) \pi}{\ln (v)}$	K	E	T	CDF
14499	11731	1	$\frac{\ln (v)}{\sqrt[3]{u} \tan (w) \pi}$	K	E	T	CDIF
14500	11732	1	$\frac{u^{2/3} (\tan (w))^2}{(\ln (v))^2}$	K	E	T	AB
14501	11733	1	$\sqrt{\frac{\sqrt[3]{u} \tan (w)}{\ln (v)}}$	K	E	T	R
14502	11734	1	$\frac{u (\tan (w))^3}{(\ln (v))^3}$	K	E	T	K
14503	11735	1	$e^{\frac{\sqrt[3]{u} \tan (w)}{\ln (v)}}$	K	E	T	E
14504	11736	1	$\log \left(\frac{\sqrt[3]{u} \tan (w)}{\ln (v)} \right)$	K	E	T	L

14505	11737	1	$\arcsin\left(\frac{\sqrt[3]{u}\tan(w)}{\ln(v)}\right)$	K	E	T	S
14506	11738	1	$\arctan\left(\frac{\sqrt[3]{u}\tan(w)}{\ln(v)}\right)$	K	E	T	T
14507	11739	1	$\sqrt{\frac{(\ln(v))^2 - u^{2/3}(\tan(w))^2}{(\ln(v))^2}}$	K	E	T	P
14508	11740	1	$\sqrt{\frac{(\ln(v))^2 + u^{2/3}(\tan(w))^2}{(\ln(v))^2}}$	K	E	T	H
14509	11741	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}$	K	E	P	CD
14510	11742	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{1-w^2}}$	K	E	P	CDI
14511	11743	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{\ln(v)}$	K	E	P	CDF
14512	11744	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	E	P	CDIF
14513	11745	1	$-\frac{u^{2/3}(-1+w^2)}{(\ln(v))^2}$	K	E	P	AB
14514	11746	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}}$	K	E	P	R
14515	11747	1	$\frac{u(1-w^2)^{3/2}}{(\ln(v))^3}$	K	E	P	K
14516	11748	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}}$	K	E	P	E
14517	11749	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}\right)$	K	E	P	L
14518	11750	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}\right)$	K	E	P	S

14519	11751	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\ln(v)}\right)$	K	E	P	T
14520	11752	1	$\sqrt{\frac{(\ln(v))^2 - u^{2/3} + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	P	P
14521	11752	2	$\sqrt{\frac{(\ln(v))^2 - u^{2/3} + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	H	H
14522	11753	1	$\sqrt{-\frac{(\ln(v))^2 - u^{2/3} + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	P	H
14523	11753	2	$\sqrt{-\frac{(\ln(v))^2 - u^{2/3} + u^{2/3}w^2}{(\ln(v))^2}}$	K	E	H	P
14524	11754	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}$	K	E	H	CD
14525	11755	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	E	H	CDI
14526	11756	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\ln(v)}$	K	E	H	CDF
14527	11757	1	$\frac{\ln(v)}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	E	H	CDIF
14528	11758	1	$\frac{u^{2/3}(-1+w^2)}{(\ln(v))^2}$	K	E	H	AB
14529	11759	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}}$	K	E	H	R
14530	11760	1	$\frac{u(-1+w^2)^{3/2}}{(\ln(v))^3}$	K	E	H	K
14531	11761	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}}$	K	E	H	E
14532	11762	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	K	E	H	L

14533	11763	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	K	E	H	S
14534	11764	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\ln(v)}\right)$	K	E	H	T
14535	11765	1	$\frac{\sqrt[3]{uw}}{\text{Exp}(v)}$	K	L	CD	CD
14536	11765	2	$\frac{\sqrt[3]{uw}}{\text{Exp}(v)}$	K	L	CDF	CDF
14537	11766	1	$\frac{\text{Exp}(v)}{\sqrt[3]{uw}}$	K	L	CD	CDI
14538	11766	2	$\frac{\text{Exp}(v)}{\sqrt[3]{uw}}$	K	L	CDF	CDIF
14539	11767	1	$\frac{\sqrt[3]{uw}\pi}{\text{Exp}(v)}$	K	L	CD	CDF
14540	11768	1	$\frac{\text{Exp}(v)}{\sqrt[3]{uw}\pi}$	K	L	CD	CDIF
14541	11769	1	$\frac{u^{2/3}w^2}{(\text{Exp}(v))^2}$	K	L	CD	AB
14542	11770	1	$\sqrt{\frac{\sqrt[3]{uw}}{\text{Exp}(v)}}$	K	L	CD	R
14543	11771	1	$\frac{uw^3}{(\text{Exp}(v))^3}$	K	L	CD	K
14544	11772	1	$e^{\frac{\sqrt[3]{uw}}{\text{Exp}(v)}}$	K	L	CD	E
14545	11773	1	$\log\left(\frac{\sqrt[3]{uw}}{\text{Exp}(v)}\right)$	K	L	CD	L
14546	11774	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\text{Exp}(v)}\right)$	K	L	CD	S
14547	11775	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\text{Exp}(v)}\right)$	K	L	CD	T

14548	11776	1	$\sqrt{-\frac{(Exp(v))^2 + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	CD	P
14549	11777	1	$\sqrt{\frac{(Exp(v))^2 + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	CD	H
14550	11778	1	$\frac{\sqrt[3]{u}}{Exp(v) w}$	K	L	CDI	CD
14551	11778	2	$\frac{\sqrt[3]{u}}{Exp(v) w}$	K	L	CDIF	CDF
14552	11779	1	$\frac{Exp(v) w}{\sqrt[3]{u}}$	K	L	CDI	CDI
14553	11779	2	$\frac{Exp(v) w}{\sqrt[3]{u}}$	K	L	CDIF	CDIF
14554	11780	1	$\frac{\sqrt[3]{u}\pi}{Exp(v) w}$	K	L	CDI	CDF
14555	11781	1	$\frac{Exp(v) w}{\sqrt[3]{u}\pi}$	K	L	CDI	CDIF
14556	11782	1	$\frac{u^{2/3}}{(Exp(v))^2 w^2}$	K	L	CDI	AB
14557	11783	1	$\sqrt{\frac{\sqrt[3]{u}}{Exp(v) w}}$	K	L	CDI	R
14558	11784	1	$\frac{u}{(Exp(v))^3 w^3}$	K	L	CDI	K
14559	11785	1	$e^{\frac{\sqrt[3]{u}}{Exp(v) w}}$	K	L	CDI	E
14560	11786	1	$\log\left(\frac{\sqrt[3]{u}}{Exp(v) w}\right)$	K	L	CDI	L
14561	11787	1	$\arcsin\left(\frac{\sqrt[3]{u}}{Exp(v) w}\right)$	K	L	CDI	S
14562	11788	1	$\arctan\left(\frac{\sqrt[3]{u}}{Exp(v) w}\right)$	K	L	CDI	T

14563	11789	1	$\sqrt{\frac{(Exp(v))^2 w^2 - u^{2/3}}{(Exp(v))^2 w^2}}$	K	L	CDI	P
14564	11790	1	$\sqrt{\frac{(Exp(v))^2 w^2 + u^{2/3}}{(Exp(v))^2 w^2}}$	K	L	CDI	H
14565	11791	1	$\frac{\sqrt[3]{uw}}{Exp(v) \pi}$	K	L	CDF	CD
14566	11792	1	$\frac{Exp(v) \pi}{\sqrt[3]{uw}}$	K	L	CDF	CDI
14567	11793	1	$\frac{u^{2/3} w^2}{(Exp(v))^2 \pi^2}$	K	L	CDF	AB
14568	11794	1	$\sqrt{\frac{\sqrt[3]{uw}}{Exp(v) \pi}}$	K	L	CDF	R
14569	11795	1	$\frac{uw^3}{(Exp(v))^3 \pi^3}$	K	L	CDF	K
14570	11796	1	$e^{\frac{\sqrt[3]{uw}}{Exp(v) \pi}}$	K	L	CDF	E
14571	11797	1	$\log\left(\frac{\sqrt[3]{uw}}{Exp(v) \pi}\right)$	K	L	CDF	L
14572	11798	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{Exp(v) \pi}\right)$	K	L	CDF	S
14573	11799	1	$\arctan\left(\frac{\sqrt[3]{uw}}{Exp(v) \pi}\right)$	K	L	CDF	T
14574	11800	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 - u^{2/3} w^2}{(Exp(v))^2 \pi^2}}$	K	L	CDF	P
14575	11801	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + u^{2/3} w^2}{(Exp(v))^2 \pi^2}}$	K	L	CDF	H
14576	11802	1	$\frac{\sqrt[3]{u}}{Exp(v) w \pi}$	K	L	CDIF	CD

14577	11803	1	$\frac{Exp(v) w \pi}{\sqrt[3]{u}}$	K	L	CDIF	CDI
14578	11804	1	$\frac{u^{2/3}}{(Exp(v))^2 w^2 \pi^2}$	K	L	CDIF	AB
14579	11805	1	$\sqrt{\frac{\sqrt[3]{u}}{Exp(v) w \pi}}$	K	L	CDIF	R
14580	11806	1	$\frac{u}{(Exp(v))^3 w^3 \pi^3}$	K	L	CDIF	K
14581	11807	1	$e^{\frac{\sqrt[3]{u}}{Exp(v) w \pi}}$	K	L	CDIF	E
14582	11808	1	$\log\left(\frac{\sqrt[3]{u}}{Exp(v) w \pi}\right)$	K	L	CDIF	L
14583	11809	1	$\arcsin\left(\frac{\sqrt[3]{u}}{Exp(v) w \pi}\right)$	K	L	CDIF	S
14584	11810	1	$\arctan\left(\frac{\sqrt[3]{u}}{Exp(v) w \pi}\right)$	K	L	CDIF	T
14585	11811	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - u^{2/3}}{(Exp(v))^2 w^2 \pi^2}}$	K	L	CDIF	P
14586	11812	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + u^{2/3}}{(Exp(v))^2 w^2 \pi^2}}$	K	L	CDIF	H
14587	11813	1	$\frac{\sqrt[3]{u} \sqrt{w}}{Exp(v)}$	K	L	AB	CD
14588	11814	1	$\frac{Exp(v)}{\sqrt[3]{u} \sqrt{w}}$	K	L	AB	CDI
14589	11815	1	$\frac{\sqrt[3]{u} \sqrt{w} \pi}{Exp(v)}$	K	L	AB	CDF
14590	11816	1	$\frac{Exp(v)}{\sqrt[3]{u} \sqrt{w} \pi}$	K	L	AB	CDIF
14591	11817	1	$\frac{u^{2/3} w}{(Exp(v))^2}$	K	L	AB	AB

14592	11818	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\text{Exp}(v)}}$	K	L	AB	R
14593	11819	1	$\frac{uw^{3/2}}{(\text{Exp}(v))^3}$	K	L	AB	K
14594	11820	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\text{Exp}(v)}}$	K	L	AB	E
14595	11821	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\text{Exp}(v)}\right)$	K	L	AB	L
14596	11822	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\text{Exp}(v)}\right)$	K	L	AB	S
14597	11823	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\text{Exp}(v)}\right)$	K	L	AB	T
14598	11824	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + u^{2/3}w}{(\text{Exp}(v))^2}}$	K	L	AB	P
14599	11825	1	$\sqrt{\frac{(\text{Exp}(v))^2 + u^{2/3}w}{(\text{Exp}(v))^2}}$	K	L	AB	H
14600	11826	1	$\frac{\sqrt[3]{u}w^2}{\text{Exp}(v)}$	K	L	R	CD
14601	11827	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u}w^2}$	K	L	R	CDI
14602	11828	1	$\frac{\sqrt[3]{u}w^2\pi}{\text{Exp}(v)}$	K	L	R	CDF
14603	11829	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u}w^2\pi}$	K	L	R	CDIF
14604	11830	1	$\frac{u^{2/3}w^4}{(\text{Exp}(v))^2}$	K	L	R	AB
14605	11831	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{\text{Exp}(v)}}$	K	L	R	R

14606	11832	1	$\frac{uw^6}{(Exp(v))^3}$	K	L	R	K
14607	11833	1	$e^{\frac{\sqrt[3]{u}w^2}{Exp(v)}}$	K	L	R	E
14608	11834	1	$\log\left(\frac{\sqrt[3]{u}w^2}{Exp(v)}\right)$	K	L	R	L
14609	11835	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{Exp(v)}\right)$	K	L	R	S
14610	11836	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{Exp(v)}\right)$	K	L	R	T
14611	11837	1	$\sqrt{-\frac{(Exp(v))^2 + u^{2/3}w^4}{(Exp(v))^2}}$	K	L	R	P
14612	11838	1	$\sqrt{\frac{(Exp(v))^2 + u^{2/3}w^4}{(Exp(v))^2}}$	K	L	R	H
14613	11839	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{Exp(v)}$	K	L	K	CD
14614	11840	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt[3]{w}}$	K	L	K	CDI
14615	11841	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{Exp(v)}$	K	L	K	CDF
14616	11842	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	L	K	CDIF
14617	11843	1	$\frac{u^{2/3}w^{2/3}}{(Exp(v))^2}$	K	L	K	AB
14618	11844	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{Exp(v)}}$	K	L	K	R
14619	11845	1	$\frac{uw}{(Exp(v))^3}$	K	L	K	K
14620	11846	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{Exp(v)}}$	K	L	K	E

14621	11847	1	$\log \left(\frac{\sqrt[3]{u} \sqrt[3]{w}}{\text{Exp}(v)} \right)$	K	L	K	L
14622	11848	1	$\arcsin \left(\frac{\sqrt[3]{u} \sqrt[3]{w}}{\text{Exp}(v)} \right)$	K	L	K	S
14623	11849	1	$\arctan \left(\frac{\sqrt[3]{u} \sqrt[3]{w}}{\text{Exp}(v)} \right)$	K	L	K	T
14624	11850	1	$\sqrt{\frac{(\text{Exp}(v))^2 - u^{2/3} w^{2/3}}{(\text{Exp}(v))^2}}$	K	L	K	P
14625	11851	1	$\sqrt{\frac{(\text{Exp}(v))^2 + u^{2/3} w^{2/3}}{(\text{Exp}(v))^2}}$	K	L	K	H
14626	11852	1	$\frac{\sqrt[3]{u} \ln(w)}{\text{Exp}(v)}$	K	L	E	CD
14627	11853	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u} \ln(w)}$	K	L	E	CDI
14628	11854	1	$\frac{\sqrt[3]{u} \ln(w) \pi}{\text{Exp}(v)}$	K	L	E	CDF
14629	11855	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u} \ln(w) \pi}$	K	L	E	CDIF
14630	11856	1	$\frac{u^{2/3} (\ln(w))^2}{(\text{Exp}(v))^2}$	K	L	E	AB
14631	11857	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{\text{Exp}(v)}}$	K	L	E	R
14632	11858	1	$\frac{u (\ln(w))^3}{(\text{Exp}(v))^3}$	K	L	E	K
14633	11859	1	$w^{\frac{\sqrt[3]{u}}{\text{Exp}(v)}}$	K	L	E	E
14634	11860	1	$\log \left(\frac{\sqrt[3]{u} \ln(w)}{\text{Exp}(v)} \right)$	K	L	E	L

14635	11861	1	$\arcsin\left(\frac{\sqrt[3]{u}\ln(w)}{\text{Exp}(v)}\right)$	K	L	E	S
14636	11862	1	$\arctan\left(\frac{\sqrt[3]{u}\ln(w)}{\text{Exp}(v)}\right)$	K	L	E	T
14637	11863	1	$\sqrt{\frac{(\text{Exp}(v))^2 - u^{2/3}(\ln(w))^2}{(\text{Exp}(v))^2}}$	K	L	E	P
14638	11864	1	$\sqrt{\frac{(\text{Exp}(v))^2 + u^{2/3}(\ln(w))^2}{(\text{Exp}(v))^2}}$	K	L	E	H
14639	11865	1	$\frac{\sqrt[3]{u}\text{Exp}(w)}{\text{Exp}(v)}$	K	L	L	CD
14640	11866	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u}\text{Exp}(w)}$	K	L	L	CDI
14641	11867	1	$\frac{\sqrt[3]{u}\text{Exp}(w)\pi}{\text{Exp}(v)}$	K	L	L	CDF
14642	11868	1	$\frac{\text{Exp}(v)}{\sqrt[3]{u}\text{Exp}(w)\pi}$	K	L	L	CDIF
14643	11869	1	$\frac{u^{2/3}(\text{Exp}(w))^2}{(\text{Exp}(v))^2}$	K	L	L	AB
14644	11870	1	$\sqrt{\frac{\sqrt[3]{u}\text{Exp}(w)}{\text{Exp}(v)}}$	K	L	L	R
14645	11871	1	$\frac{u(\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	K	L	L	K
14646	11872	1	$e^{\frac{\sqrt[3]{u}\text{Exp}(w)}{\text{Exp}(v)}}$	K	L	L	E
14647	11873	1	$\log\left(\frac{\sqrt[3]{u}\text{Exp}(w)}{\text{Exp}(v)}\right)$	K	L	L	L
14648	11874	1	$\arcsin\left(\frac{\sqrt[3]{u}\text{Exp}(w)}{\text{Exp}(v)}\right)$	K	L	L	S

14649	11875	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{Exp(v)}\right)$	K	L	L	T
14650	11876	1	$\sqrt{\frac{(Exp(v))^2 - u^{2/3}(Exp(w))^2}{(Exp(v))^2}}$	K	L	L	P
14651	11877	1	$\sqrt{\frac{(Exp(v))^2 + u^{2/3}(Exp(w))^2}{(Exp(v))^2}}$	K	L	L	H
14652	11878	1	$\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}$	K	L	S	CD
14653	11879	1	$\frac{Exp(v)}{\sqrt[3]{u}\sin(w)}$	K	L	S	CDI
14654	11880	1	$\frac{\sqrt[3]{u}\sin(w)\pi}{Exp(v)}$	K	L	S	CDF
14655	11881	1	$\frac{Exp(v)}{\sqrt[3]{u}\sin(w)\pi}$	K	L	S	CDIF
14656	11882	1	$\frac{u^{2/3}(\sin(w))^2}{(Exp(v))^2}$	K	L	S	AB
14657	11883	1	$\sqrt{\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}}$	K	L	S	R
14658	11884	1	$\frac{u(\sin(w))^3}{(Exp(v))^3}$	K	L	S	K
14659	11885	1	$e^{\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}}$	K	L	S	E
14660	11886	1	$\log\left(\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}\right)$	K	L	S	L
14661	11887	1	$\arcsin\left(\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}\right)$	K	L	S	S
14662	11888	1	$\arctan\left(\frac{\sqrt[3]{u}\sin(w)}{Exp(v)}\right)$	K	L	S	T

14663	11889	1	$\sqrt{\frac{(Exp(v))^2 - u^{2/3} + u^{2/3} (\cos(w))^2}{(Exp(v))^2}}$	K	L	S	P
14664	11890	1	$\sqrt{\frac{(Exp(v))^2 + u^{2/3} - u^{2/3} (\cos(w))^2}{(Exp(v))^2}}$	K	L	S	H
14665	11891	1	$\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}$	K	L	T	CD
14666	11892	1	$\frac{Exp(v)}{\sqrt[3]{u} \tan(w)}$	K	L	T	CDI
14667	11893	1	$\frac{\sqrt[3]{u} \tan(w) \pi}{Exp(v)}$	K	L	T	CDF
14668	11894	1	$\frac{Exp(v)}{\sqrt[3]{u} \tan(w) \pi}$	K	L	T	CDIF
14669	11895	1	$\frac{u^{2/3} (\tan(w))^2}{(Exp(v))^2}$	K	L	T	AB
14670	11896	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}}$	K	L	T	R
14671	11897	1	$\frac{u (\tan(w))^3}{(Exp(v))^3}$	K	L	T	K
14672	11898	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}}$	K	L	T	E
14673	11899	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}\right)$	K	L	T	L
14674	11900	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}\right)$	K	L	T	S
14675	11901	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{Exp(v)}\right)$	K	L	T	T
14676	11902	1	$\sqrt{-\frac{(Exp(v))^2 + u^{2/3} (\tan(w))^2}{(Exp(v))^2}}$	K	L	T	P

14677	11903	1	$\sqrt{\frac{(Exp(v))^2 + u^{2/3}(\tan(w))^2}{(Exp(v))^2}}$	K	L	T	H
14678	11904	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}$	K	L	P	CD
14679	11905	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt{1-w^2}}$	K	L	P	CDI
14680	11906	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{Exp(v)}$	K	L	P	CDF
14681	11907	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	L	P	CDIF
14682	11908	1	$-\frac{u^{2/3}(-1+w^2)}{(Exp(v))^2}$	K	L	P	AB
14683	11909	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}}$	K	L	P	R
14684	11910	1	$\frac{u(1-w^2)^{3/2}}{(Exp(v))^3}$	K	L	P	K
14685	11911	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}}$	K	L	P	E
14686	11912	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}\right)$	K	L	P	L
14687	11913	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}\right)$	K	L	P	S
14688	11914	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{Exp(v)}\right)$	K	L	P	T
14689	11915	1	$\sqrt{\frac{(Exp(v))^2 - u^{2/3} + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	P	P
14690	11915	2	$\sqrt{\frac{(Exp(v))^2 - u^{2/3} + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	H	H

14691	11916	1	$\sqrt{-\frac{(Exp(v))^2 - u^{2/3} + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	P	H
14692	11916	2	$\sqrt{-\frac{(Exp(v))^2 - u^{2/3} + u^{2/3}w^2}{(Exp(v))^2}}$	K	L	H	P
14693	11917	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}$	K	L	H	CD
14694	11918	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	L	H	CDI
14695	11919	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{Exp(v)}$	K	L	H	CDF
14696	11920	1	$\frac{Exp(v)}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	L	H	CDIF
14697	11921	1	$\frac{u^{2/3}(-1+w^2)}{(Exp(v))^2}$	K	L	H	AB
14698	11922	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}}$	K	L	H	R
14699	11923	1	$\frac{u(-1+w^2)^{3/2}}{(Exp(v))^3}$	K	L	H	K
14700	11924	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}}$	K	L	H	E
14701	11925	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	K	L	H	L
14702	11926	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	K	L	H	S
14703	11927	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{Exp(v)}\right)$	K	L	H	T
14704	11928	1	$\frac{\sqrt[3]{uw}}{\sin(v)}$	K	S	CD	CD

14705	11928	2	$\frac{\sqrt[3]{uw}}{\sin(v)}$	K	S	CDF	CDF
14706	11929	1	$\frac{\sin(v)}{\sqrt[3]{uw}}$	K	S	CD	CDI
14707	11929	2	$\frac{\sin(v)}{\sqrt[3]{uw}}$	K	S	CDF	CDIF
14708	11930	1	$\frac{\sqrt[3]{uw}\pi}{\sin(v)}$	K	S	CD	CDF
14709	11931	1	$\frac{\sin(v)}{\sqrt[3]{uw}\pi}$	K	S	CD	CDIF
14710	11932	1	$\frac{u^{2/3}w^2}{(\sin(v))^2}$	K	S	CD	AB
14711	11933	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sin(v)}}$	K	S	CD	R
14712	11934	1	$\frac{uw^3}{(\sin(v))^3}$	K	S	CD	K
14713	11935	1	$e^{\frac{\sqrt[3]{uw}}{\sin(v)}}$	K	S	CD	E
14714	11936	1	$\log\left(\frac{\sqrt[3]{uw}}{\sin(v)}\right)$	K	S	CD	L
14715	11937	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sin(v)}\right)$	K	S	CD	S
14716	11938	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sin(v)}\right)$	K	S	CD	T
14717	11939	1	$\sqrt{-\frac{u^{2/3}w^2 + (\cos(v))^2 - 1}{(\sin(v))^2}}$	K	S	CD	P
14718	11940	1	$\sqrt{\frac{u^{2/3}w^2 - (\cos(v))^2 + 1}{(\sin(v))^2}}$	K	S	CD	H
14719	11941	1	$\frac{\sqrt[3]{u}}{\sin(v)w}$	K	S	CDI	CD

14720	11941	2	$\frac{\sqrt[3]{u}}{\sin(v) w}$	K	S	CDIF	CDF
14721	11942	1	$\frac{\sin(v) w}{\sqrt[3]{u}}$	K	S	CDI	CDI
14722	11942	2	$\frac{\sin(v) w}{\sqrt[3]{u}}$	K	S	CDIF	CDIF
14723	11943	1	$\frac{\sqrt[3]{u}\pi}{\sin(v) w}$	K	S	CDI	CDF
14724	11944	1	$\frac{\sin(v) w}{\sqrt[3]{u}\pi}$	K	S	CDI	CDIF
14725	11945	1	$\frac{u^{2/3}}{(\sin(v))^2 w^2}$	K	S	CDI	AB
14726	11946	1	$\sqrt{\frac{\sqrt[3]{u}}{\sin(v) w}}$	K	S	CDI	R
14727	11947	1	$\frac{u}{(\sin(v))^3 w^3}$	K	S	CDI	K
14728	11948	1	$e^{\frac{\sqrt[3]{u}}{\sin(v) w}}$	K	S	CDI	E
14729	11949	1	$\log\left(\frac{\sqrt[3]{u}}{\sin(v) w}\right)$	K	S	CDI	L
14730	11950	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sin(v) w}\right)$	K	S	CDI	S
14731	11951	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sin(v) w}\right)$	K	S	CDI	T
14732	11952	1	$\sqrt{-\frac{u^{2/3} + w^2 (\cos(v))^2 - w^2}{(\sin(v))^2 w^2}}$	K	S	CDI	P
14733	11953	1	$\sqrt{-\frac{-u^{2/3} + w^2 (\cos(v))^2 - w^2}{(\sin(v))^2 w^2}}$	K	S	CDI	H
14734	11954	1	$\frac{\sqrt[3]{u} w}{\sin(v) \pi}$	K	S	CDF	CD

14735	11955	1	$\frac{\sin(v) \pi}{\sqrt[3]{uw}}$	K	S	CDF	CDI
14736	11956	1	$\frac{u^{2/3} w^2}{(\sin(v))^2 \pi^2}$	K	S	CDF	AB
14737	11957	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sin(v) \pi}}$	K	S	CDF	R
14738	11958	1	$\frac{uw^3}{(\sin(v))^3 \pi^3}$	K	S	CDF	K
14739	11959	1	$e^{\frac{\sqrt[3]{uw}}{\sin(v) \pi}}$	K	S	CDF	E
14740	11960	1	$\log\left(\frac{\sqrt[3]{uw}}{\sin(v) \pi}\right)$	K	S	CDF	L
14741	11961	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sin(v) \pi}\right)$	K	S	CDF	S
14742	11962	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sin(v) \pi}\right)$	K	S	CDF	T
14743	11963	1	$\sqrt{-\frac{u^{2/3} w^2 + \pi^2 (\cos(v))^2 - \pi^2}{(\sin(v))^2 \pi^2}}$	K	S	CDF	P
14744	11964	1	$\sqrt{-\frac{-u^{2/3} w^2 + \pi^2 (\cos(v))^2 - \pi^2}{(\sin(v))^2 \pi^2}}$	K	S	CDF	H
14745	11965	1	$\frac{\sqrt[3]{u}}{\sin(v) w \pi}$	K	S	CDIF	CD
14746	11966	1	$\frac{\sin(v) w \pi}{\sqrt[3]{u}}$	K	S	CDIF	CDI
14747	11967	1	$\frac{u^{2/3}}{(\sin(v))^2 w^2 \pi^2}$	K	S	CDIF	AB
14748	11968	1	$\sqrt{\frac{\sqrt[3]{u}}{\sin(v) w \pi}}$	K	S	CDIF	R

14749	11969	1	$\frac{u}{(\sin(v))^3 w^3 \pi^3}$	K	S	CDIF	K
14750	11970	1	$e^{\frac{\sqrt[3]{u}}{\sin(v) w \pi}}$	K	S	CDIF	E
14751	11971	1	$\log\left(\frac{\sqrt[3]{u}}{\sin(v) w \pi}\right)$	K	S	CDIF	L
14752	11972	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sin(v) w \pi}\right)$	K	S	CDIF	S
14753	11973	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sin(v) w \pi}\right)$	K	S	CDIF	T
14754	11974	1	$\sqrt{-\frac{u^{2/3} + w^2 \pi^2 (\cos(v))^2 - w^2 \pi^2}{(\sin(v))^2 w^2 \pi^2}}$	K	S	CDIF	P
14755	11975	1	$\sqrt{-\frac{-u^{2/3} + w^2 \pi^2 (\cos(v))^2 - w^2 \pi^2}{(\sin(v))^2 w^2 \pi^2}}$	K	S	CDIF	H
14756	11976	1	$\frac{\sqrt[3]{u} \sqrt{w}}{\sin(v)}$	K	S	AB	CD
14757	11977	1	$\frac{\sin(v)}{\sqrt[3]{u} \sqrt{w}}$	K	S	AB	CDI
14758	11978	1	$\frac{\sqrt[3]{u} \sqrt{w} \pi}{\sin(v)}$	K	S	AB	CDF
14759	11979	1	$\frac{\sin(v)}{\sqrt[3]{u} \sqrt{w} \pi}$	K	S	AB	CDIF
14760	11980	1	$\frac{u^{2/3} w}{(\sin(v))^2}$	K	S	AB	AB
14761	11981	1	$\sqrt{\frac{\sqrt[3]{u} \sqrt{w}}{\sin(v)}}$	K	S	AB	R
14762	11982	1	$\frac{u w^{3/2}}{(\sin(v))^3}$	K	S	AB	K
14763	11983	1	$e^{\frac{\sqrt[3]{u} \sqrt{w}}{\sin(v)}}$	K	S	AB	E

14764	11984	1	$\log \left(\frac{\sqrt[3]{u}\sqrt{w}}{\sin(v)} \right)$	K	S	AB	L
14765	11985	1	$\arcsin \left(\frac{\sqrt[3]{u}\sqrt{w}}{\sin(v)} \right)$	K	S	AB	S
14766	11986	1	$\arctan \left(\frac{\sqrt[3]{u}\sqrt{w}}{\sin(v)} \right)$	K	S	AB	T
14767	11987	1	$\sqrt{-\frac{u^{2/3}w + (\cos(v))^2 - 1}{(\sin(v))^2}}$	K	S	AB	P
14768	11988	1	$\sqrt{\frac{u^{2/3}w - (\cos(v))^2 + 1}{(\sin(v))^2}}$	K	S	AB	H
14769	11989	1	$\frac{\sqrt[3]{u}w^2}{\sin(v)}$	K	S	R	CD
14770	11990	1	$\frac{\sin(v)}{\sqrt[3]{u}w^2}$	K	S	R	CDI
14771	11991	1	$\frac{\sqrt[3]{u}w^2\pi}{\sin(v)}$	K	S	R	CDF
14772	11992	1	$\frac{\sin(v)}{\sqrt[3]{u}w^2\pi}$	K	S	R	CDIF
14773	11993	1	$\frac{u^{2/3}w^4}{(\sin(v))^2}$	K	S	R	AB
14774	11994	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{\sin(v)}}$	K	S	R	R
14775	11995	1	$\frac{uw^6}{(\sin(v))^3}$	K	S	R	K
14776	11996	1	$e^{\frac{\sqrt[3]{u}w^2}{\sin(v)}}$	K	S	R	E
14777	11997	1	$\log \left(\frac{\sqrt[3]{u}w^2}{\sin(v)} \right)$	K	S	R	L

14778	11998	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{\sin(v)}\right)$	K	S	R	S
14779	11999	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{\sin(v)}\right)$	K	S	R	T
14780	12000	1	$\sqrt{-\frac{u^{2/3}w^4 + (\cos(v))^2 - 1}{(\sin(v))^2}}$	K	S	R	P
14781	12001	1	$\sqrt{\frac{u^{2/3}w^4 - (\cos(v))^2 + 1}{(\sin(v))^2}}$	K	S	R	H
14782	12002	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}$	K	S	K	CD
14783	12003	1	$\frac{\sin(v)}{\sqrt[3]{u}\sqrt[3]{w}}$	K	S	K	CDI
14784	12004	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\sin(v)}$	K	S	K	CDF
14785	12005	1	$\frac{\sin(v)}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	S	K	CDIF
14786	12006	1	$\frac{u^{2/3}w^{2/3}}{(\sin(v))^2}$	K	S	K	AB
14787	12007	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}}$	K	S	K	R
14788	12008	1	$\frac{uw}{(\sin(v))^3}$	K	S	K	K
14789	12009	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}}$	K	S	K	E
14790	12010	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}\right)$	K	S	K	L
14791	12011	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}\right)$	K	S	K	S
14792	12012	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sin(v)}\right)$	K	S	K	T

14793	12013	1	$\sqrt{-\frac{u^{2/3}w^{2/3} + (\cos(v))^2 - 1}{(\sin(v))^2}}$	K	S	K	P
14794	12014	1	$\sqrt{\frac{u^{2/3}w^{2/3} - (\cos(v))^2 + 1}{(\sin(v))^2}}$	K	S	K	H
14795	12015	1	$\frac{\sqrt[3]{u} \ln(w)}{\sin(v)}$	K	S	E	CD
14796	12016	1	$\frac{\sin(v)}{\sqrt[3]{u} \ln(w)}$	K	S	E	CDI
14797	12017	1	$\frac{\sqrt[3]{u} \ln(w) \pi}{\sin(v)}$	K	S	E	CDF
14798	12018	1	$\frac{\sin(v)}{\sqrt[3]{u} \ln(w) \pi}$	K	S	E	CDIF
14799	12019	1	$\frac{u^{2/3} (\ln(w))^2}{(\sin(v))^2}$	K	S	E	AB
14800	12020	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{\sin(v)}}$	K	S	E	R
14801	12021	1	$\frac{u (\ln(w))^3}{(\sin(v))^3}$	K	S	E	K
14802	12022	1	$w^{\frac{\sqrt[3]{u}}{\sin(v)}}$	K	S	E	E
14803	12023	1	$\log\left(\frac{\sqrt[3]{u} \ln(w)}{\sin(v)}\right)$	K	S	E	L
14804	12024	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w)}{\sin(v)}\right)$	K	S	E	S
14805	12025	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w)}{\sin(v)}\right)$	K	S	E	T
14806	12026	1	$\sqrt{-\frac{(\cos(v))^2 - 1 + u^{2/3} (\ln(w))^2}{(\sin(v))^2}}$	K	S	E	P

14807	12027	1	$\sqrt{-\frac{(\cos(v))^2 - 1 - u^{2/3}(\ln(w))^2}{(\sin(v))^2}}$	K	S	E	H
14808	12028	1	$\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}$	K	S	L	CD
14809	12029	1	$\frac{\sin(v)}{\sqrt[3]{u}Exp(w)}$	K	S	L	CDI
14810	12030	1	$\frac{\sqrt[3]{u}Exp(w)\pi}{\sin(v)}$	K	S	L	CDF
14811	12031	1	$\frac{\sin(v)}{\sqrt[3]{u}Exp(w)\pi}$	K	S	L	CDIF
14812	12032	1	$\frac{u^{2/3}(Exp(w))^2}{(\sin(v))^2}$	K	S	L	AB
14813	12033	1	$\sqrt{\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}}$	K	S	L	R
14814	12034	1	$\frac{u(Exp(w))^3}{(\sin(v))^3}$	K	S	L	K
14815	12035	1	$e^{\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}}$	K	S	L	E
14816	12036	1	$\log\left(\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}\right)$	K	S	L	L
14817	12037	1	$\arcsin\left(\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}\right)$	K	S	L	S
14818	12038	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{\sin(v)}\right)$	K	S	L	T
14819	12039	1	$\sqrt{-\frac{(\cos(v))^2 - 1 + u^{2/3}(Exp(w))^2}{(\sin(v))^2}}$	~~K~~	S	L	P
14820	12040	1	$\sqrt{-\frac{(\cos(v))^2 - 1 - u^{2/3}(Exp(w))^2}{(\sin(v))^2}}$	~~K~~	S	L	H

14821	12041	1	$\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}$	K	S	S	CD
14822	12042	1	$\frac{\sin(v)}{\sqrt[3]{u} \sin(w)}$	K	S	S	CDI
14823	12043	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\sin(v)}$	K	S	S	CDF
14824	12044	1	$\frac{\sin(v)}{\sqrt[3]{u} \sin(w) \pi}$	K	S	S	CDIF
14825	12045	1	$\frac{u^{2/3} (\sin(w))^2}{(\sin(v))^2}$	K	S	S	AB
14826	12046	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}}$	K	S	S	R
14827	12047	1	$\frac{u (\sin(w))^3}{(\sin(v))^3}$	K	S	S	K
14828	12048	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}}$	K	S	S	E
14829	12049	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}\right)$	K	S	S	L
14830	12050	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}\right)$	K	S	S	S
14831	12051	1	$\arctan\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v)}\right)$	K	S	S	T
14832	12052	1	$\sqrt{\frac{1 - (\cos(v))^2 - u^{2/3} + u^{2/3} (\cos(w))^2}{(\sin(v))^2}}$	K	S	S	P
14833	12053	1	$\sqrt{-\frac{1 + (\cos(v))^2 - u^{2/3} + u^{2/3} (\cos(w))^2}{(\sin(v))^2}}$	K	S	S	H
14834	12054	1	$\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}$	K	S	T	CD
14835	12055	1	$\frac{\sin(v) \cos(w)}{\sqrt[3]{u} \sin(w)}$	K	S	T	CDI

14836	12056	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\sin(v) \cos(w)}$	K	S	T	CDF
14837	12057	1	$\frac{\sin(v) \cos(w)}{\sqrt[3]{u} \sin(w) \pi}$	K	S	T	CDIF
14838	12058	1	$\frac{u^{2/3} (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	K	S	T	AB
14839	12059	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}}$	K	S	T	R
14840	12060	1	$\frac{u (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	K	S	T	K
14841	12061	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}}$	K	S	T	E
14842	12062	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}\right)$	K	S	T	L
14843	12063	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}\right)$	K	S	T	S
14844	12064	1	$\arctan\left(\frac{\sqrt[3]{u} \sin(w)}{\sin(v) \cos(w)}\right)$	K	S	T	T
14845	12065	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - u^{2/3} + u^{2/3} (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	K	S	T	P
14846	12066	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - u^{2/3} + u^{2/3} (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	K	S	T	H
14847	12067	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\sin(v)}$	K	S	P	CD
14848	12068	1	$\frac{\sin(v)}{\sqrt[3]{u} \sqrt{1-w^2}}$	K	S	P	CDI
14849	12069	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2} \pi}{\sin(v)}$	K	S	P	CDF

14850	12070	1	$\frac{\sin(v)}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	S	P	CDIF
14851	12071	1	$-\frac{u^{2/3}(-1+w^2)}{(\sin(v))^2}$	K	S	P	AB
14852	12072	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sin(v)}}$	K	S	P	R
14853	12073	1	$\frac{u(1-w^2)^{3/2}}{(\sin(v))^3}$	K	S	P	K
14854	12074	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sin(v)}}$	K	S	P	E
14855	12075	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sin(v)}\right)$	K	S	P	L
14856	12076	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sin(v)}\right)$	K	S	P	S
14857	12077	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sin(v)}\right)$	K	S	P	T
14858	12078	1	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-(\cos(v))^2+1}{(\sin(v))^2}}$	K	S	P	P
14859	12078	2	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-(\cos(v))^2+1}{(\sin(v))^2}}$	K	S	H	H
14860	12079	1	$\sqrt{-\frac{-u^{2/3}+u^{2/3}w^2+(\cos(v))^2-1}{(\sin(v))^2}}$	K	S	P	H
14861	12079	2	$\sqrt{-\frac{-u^{2/3}+u^{2/3}w^2+(\cos(v))^2-1}{(\sin(v))^2}}$	K	S	H	P
14862	12080	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}$	K	S	H	CD
14863	12081	1	$\frac{\sin(v)}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	S	H	CDI

14864	12082	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\sin(v)}$	K	S	H	CDF
14865	12083	1	$\frac{\sin(v)}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	S	H	CDIF
14866	12084	1	$\frac{u^{2/3}(-1+w^2)}{(\sin(v))^2}$	K	S	H	AB
14867	12085	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}}$	K	S	H	R
14868	12086	1	$\frac{u(-1+w^2)^{3/2}}{(\sin(v))^3}$	K	S	H	K
14869	12087	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}}$	K	S	H	E
14870	12088	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	K	S	H	L
14871	12089	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	K	S	H	S
14872	12090	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sin(v)}\right)$	K	S	H	T
14873	12091	1	$\frac{\sqrt[3]{u}w}{\tan(v)}$	K	T	CD	CD
14874	12091	2	$\frac{\sqrt[3]{u}w}{\tan(v)}$	K	T	CDF	CDF
14875	12092	1	$\frac{\tan(v)}{\sqrt[3]{u}w}$	K	T	CD	CDI
14876	12092	2	$\frac{\tan(v)}{\sqrt[3]{u}w}$	K	T	CDF	CDIF
14877	12093	1	$\frac{\sqrt[3]{u}w\pi}{\tan(v)}$	K	T	CD	CDF
14878	12094	1	$\frac{\tan(v)}{\sqrt[3]{u}w\pi}$	K	T	CD	CDIF

14879	12095	1	$\frac{u^{2/3}w^2}{(\tan(v))^2}$	K	T	CD	AB
14880	12096	1	$\sqrt{\frac{\sqrt[3]{uw}}{\tan(v)}}$	K	T	CD	R
14881	12097	1	$\frac{uw^3}{(\tan(v))^3}$	K	T	CD	K
14882	12098	1	$e^{\frac{\sqrt[3]{uw}}{\tan(v)}}$	K	T	CD	E
14883	12099	1	$\log\left(\frac{\sqrt[3]{uw}}{\tan(v)}\right)$	K	T	CD	L
14884	12100	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\tan(v)}\right)$	K	T	CD	S
14885	12101	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\tan(v)}\right)$	K	T	CD	T
14886	12102	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3}w^2}{(\tan(v))^2}}$	K	T	CD	P
14887	12103	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3}w^2}{(\tan(v))^2}}$	K	T	CD	H
14888	12104	1	$\frac{\sqrt[3]{u}}{\tan(v)w}$	K	T	CDI	CD
14889	12104	2	$\frac{\sqrt[3]{u}}{\tan(v)w}$	K	T	CDIF	CDF
14890	12105	1	$\frac{\tan(v)w}{\sqrt[3]{u}}$	K	T	CDI	CDI
14891	12105	2	$\frac{\tan(v)w}{\sqrt[3]{u}}$	K	T	CDIF	CDIF
14892	12106	1	$\frac{\sqrt[3]{u}\pi}{\tan(v)w}$	K	T	CDI	CDF
14893	12107	1	$\frac{\tan(v)w}{\sqrt[3]{u}\pi}$	K	T	CDI	CDIF

14894	12108	1	$\frac{u^{2/3}}{(\tan(v))^2 w^2}$	K	T	CDI	AB
14895	12109	1	$\sqrt{\frac{\sqrt[3]{u}}{\tan(v) w}}$	K	T	CDI	R
14896	12110	1	$\frac{u}{(\tan(v))^3 w^3}$	K	T	CDI	K
14897	12111	1	$e^{\frac{\sqrt[3]{u}}{\tan(v) w}}$	K	T	CDI	E
14898	12112	1	$\log\left(\frac{\sqrt[3]{u}}{\tan(v) w}\right)$	K	T	CDI	L
14899	12113	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\tan(v) w}\right)$	K	T	CDI	S
14900	12114	1	$\arctan\left(\frac{\sqrt[3]{u}}{\tan(v) w}\right)$	K	T	CDI	T
14901	12115	1	$\sqrt{\frac{(\tan(v))^2 w^2 - u^{2/3}}{(\tan(v))^2 w^2}}$	K	T	CDI	P
14902	12116	1	$\sqrt{\frac{(\tan(v))^2 w^2 + u^{2/3}}{(\tan(v))^2 w^2}}$	K	T	CDI	H
14903	12117	1	$\frac{\sqrt[3]{u} w}{\tan(v) \pi}$	K	T	CDF	CD
14904	12118	1	$\frac{\tan(v) \pi}{\sqrt[3]{u} w}$	K	T	CDF	CDI
14905	12119	1	$\frac{u^{2/3} w^2}{(\tan(v))^2 \pi^2}$	K	T	CDF	AB
14906	12120	1	$\sqrt{\frac{\sqrt[3]{u} w}{\tan(v) \pi}}$	K	T	CDF	R
14907	12121	1	$\frac{u w^3}{(\tan(v))^3 \pi^3}$	K	T	CDF	K

14908	12122	1	$e^{\frac{\sqrt[3]{u}w}{\tan(v)\pi}}$	K	T	CDF	E
14909	12123	1	$\log\left(\frac{\sqrt[3]{u}w}{\tan(v)\pi}\right)$	K	T	CDF	L
14910	12124	1	$\arcsin\left(\frac{\sqrt[3]{u}w}{\tan(v)\pi}\right)$	K	T	CDF	S
14911	12125	1	$\arctan\left(\frac{\sqrt[3]{u}w}{\tan(v)\pi}\right)$	K	T	CDF	T
14912	12126	1	$\sqrt{\frac{(\tan(v))^2\pi^2 - u^{2/3}w^2}{(\tan(v))^2\pi^2}}$	K	T	CDF	P
14913	12127	1	$\sqrt{\frac{(\tan(v))^2\pi^2 + u^{2/3}w^2}{(\tan(v))^2\pi^2}}$	K	T	CDF	H
14914	12128	1	$\frac{\sqrt[3]{u}}{\tan(v)w\pi}$	K	T	CDIF	CD
14915	12129	1	$\frac{\tan(v)w\pi}{\sqrt[3]{u}}$	K	T	CDIF	CDI
14916	12130	1	$\frac{u^{2/3}}{(\tan(v))^2w^2\pi^2}$	K	T	CDIF	AB
14917	12131	1	$\sqrt{\frac{\sqrt[3]{u}}{\tan(v)w\pi}}$	K	T	CDIF	R
14918	12132	1	$\frac{u}{(\tan(v))^3w^3\pi^3}$	K	T	CDIF	K
14919	12133	1	$e^{\frac{\sqrt[3]{u}}{\tan(v)w\pi}}$	K	T	CDIF	E
14920	12134	1	$\log\left(\frac{\sqrt[3]{u}}{\tan(v)w\pi}\right)$	K	T	CDIF	L
14921	12135	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\tan(v)w\pi}\right)$	K	T	CDIF	S
14922	12136	1	$\arctan\left(\frac{\sqrt[3]{u}}{\tan(v)w\pi}\right)$	K	T	CDIF	T

14923	12137	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 - u^{2/3}}{(\tan(v))^2 w^2 \pi^2}}$	K	T	CDIF	P
14924	12138	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + u^{2/3}}{(\tan(v))^2 w^2 \pi^2}}$	K	T	CDIF	H
14925	12139	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}$	K	T	AB	CD
14926	12140	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt{w}}$	K	T	AB	CDI
14927	12141	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{\tan(v)}$	K	T	AB	CDF
14928	12142	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt{w}\pi}$	K	T	AB	CDIF
14929	12143	1	$\frac{u^{2/3}w}{(\tan(v))^2}$	K	T	AB	AB
14930	12144	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}}$	K	T	AB	R
14931	12145	1	$\frac{uw^{3/2}}{(\tan(v))^3}$	K	T	AB	K
14932	12146	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}}$	K	T	AB	E
14933	12147	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}\right)$	K	T	AB	L
14934	12148	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}\right)$	K	T	AB	S
14935	12149	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\tan(v)}\right)$	K	T	AB	T
14936	12150	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3}w}{(\tan(v))^2}}$	K	T	AB	P

14937	12151	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3}w}{(\tan(v))^2}}$	K	T	AB	H
14938	12152	1	$\frac{\sqrt[3]{uw^2}}{\tan(v)}$	K	T	R	CD
14939	12153	1	$\frac{\tan(v)}{\sqrt[3]{uw^2}}$	K	T	R	CDI
14940	12154	1	$\frac{\sqrt[3]{uw^2}\pi}{\tan(v)}$	K	T	R	CDF
14941	12155	1	$\frac{\tan(v)}{\sqrt[3]{uw^2}\pi}$	K	T	R	CDIF
14942	12156	1	$\frac{u^{2/3}w^4}{(\tan(v))^2}$	K	T	R	AB
14943	12157	1	$\sqrt{\frac{\sqrt[3]{uw^2}}{\tan(v)}}$	K	T	R	R
14944	12158	1	$\frac{uw^6}{(\tan(v))^3}$	K	T	R	K
14945	12159	1	$e^{\frac{\sqrt[3]{uw^2}}{\tan(v)}}$	K	T	R	E
14946	12160	1	$\log\left(\frac{\sqrt[3]{uw^2}}{\tan(v)}\right)$	K	T	R	L
14947	12161	1	$\arcsin\left(\frac{\sqrt[3]{uw^2}}{\tan(v)}\right)$	K	T	R	S
14948	12162	1	$\arctan\left(\frac{\sqrt[3]{uw^2}}{\tan(v)}\right)$	K	T	R	T
14949	12163	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3}w^4}{(\tan(v))^2}}$	K	T	R	P
14950	12164	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3}w^4}{(\tan(v))^2}}$	K	T	R	H

14951	12165	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}$	K	T	K	CD
14952	12166	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt[3]{w}}$	K	T	K	CDI
14953	12167	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\tan(v)}$	K	T	K	CDF
14954	12168	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	T	K	CDIF
14955	12169	1	$\frac{u^{2/3}w^{2/3}}{(\tan(v))^2}$	K	T	K	AB
14956	12170	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}}$	K	T	K	R
14957	12171	1	$\frac{uw}{(\tan(v))^3}$	K	T	K	K
14958	12172	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}}$	K	T	K	E
14959	12173	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}\right)$	K	T	K	L
14960	12174	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}\right)$	K	T	K	S
14961	12175	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\tan(v)}\right)$	K	T	K	T
14962	12176	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3}w^{2/3}}{(\tan(v))^2}}$	K	T	K	P
14963	12177	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3}w^{2/3}}{(\tan(v))^2}}$	K	T	K	H
14964	12178	1	$\frac{\sqrt[3]{u}\ln(w)}{\tan(v)}$	K	T	E	CD
14965	12179	1	$\frac{\tan(v)}{\sqrt[3]{u}\ln(w)}$	K	T	E	CDI

14966	12180	1	$\frac{\sqrt[3]{u} \ln(w) \pi}{\tan(v)}$	K	T	E	CDF
14967	12181	1	$\frac{\tan(v)}{\sqrt[3]{u} \ln(w) \pi}$	K	T	E	CDIF
14968	12182	1	$\frac{u^{2/3} (\ln(w))^2}{(\tan(v))^2}$	K	T	E	AB
14969	12183	1	$\sqrt{\frac{\sqrt[3]{u} \ln(w)}{\tan(v)}}$	K	T	E	R
14970	12184	1	$\frac{u (\ln(w))^3}{(\tan(v))^3}$	K	T	E	K
14971	12185	1	$w^{\frac{\sqrt[3]{u}}{\tan(v)}}$	K	T	E	E
14972	12186	1	$\log\left(\frac{\sqrt[3]{u} \ln(w)}{\tan(v)}\right)$	K	T	E	L
14973	12187	1	$\arcsin\left(\frac{\sqrt[3]{u} \ln(w)}{\tan(v)}\right)$	K	T	E	S
14974	12188	1	$\arctan\left(\frac{\sqrt[3]{u} \ln(w)}{\tan(v)}\right)$	K	T	E	T
14975	12189	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3} (\ln(w))^2}{(\tan(v))^2}}$	K	T	E	P
14976	12190	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3} (\ln(w))^2}{(\tan(v))^2}}$	K	T	E	H
14977	12191	1	$\frac{\sqrt[3]{u} \text{Exp}(w)}{\tan(v)}$	K	T	L	CD
14978	12192	1	$\frac{\tan(v)}{\sqrt[3]{u} \text{Exp}(w)}$	K	T	L	CDI
14979	12193	1	$\frac{\sqrt[3]{u} \text{Exp}(w) \pi}{\tan(v)}$	K	T	L	CDF

14980	12194	1	$\frac{\tan(v)}{\sqrt[3]{u} \operatorname{Exp}(w) \pi}$	K	T	L	CDIF
14981	12195	1	$\frac{u^{2/3} (\operatorname{Exp}(w))^2}{(\tan(v))^2}$	K	T	L	AB
14982	12196	1	$\sqrt{\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\tan(v)}}$	K	T	L	R
14983	12197	1	$\frac{u (\operatorname{Exp}(w))^3}{(\tan(v))^3}$	K	T	L	K
14984	12198	1	$e^{\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\tan(v)}}$	K	T	L	E
14985	12199	1	$\log\left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\tan(v)}\right)$	K	T	L	L
14986	12200	1	$\arcsin\left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\tan(v)}\right)$	K	T	L	S
14987	12201	1	$\arctan\left(\frac{\sqrt[3]{u} \operatorname{Exp}(w)}{\tan(v)}\right)$	K	T	L	T
14988	12202	1	$\sqrt{-\frac{(\tan(v))^2 + u^{2/3} (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	K	T	L	P
14989	12203	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3} (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	K	T	L	H
14990	12204	1	$\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v)}$	K	T	S	CD
14991	12205	1	$\frac{\sin(v)}{\sqrt[3]{u} \cos(v) \sin(w)}$	K	T	S	CDI
14992	12206	1	$\frac{\sqrt[3]{u} \cos(v) \sin(w) \pi}{\sin(v)}$	K	T	S	CDF
14993	12207	1	$\frac{\sin(v)}{\sqrt[3]{u} \cos(v) \sin(w) \pi}$	K	T	S	CDIF

14994	12208	1	$\frac{u^{2/3} (\cos (v))^2 (\sin (w))^2}{(\sin (v))^2}$	K	T	S	AB
14995	12209	1	$\sqrt{\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v)}}$	K	T	S	R
14996	12210	1	$\frac{u (\cos (v))^3 (\sin (w))^3}{(\sin (v))^3}$	K	T	S	K
14997	12211	1	$e^{\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v)}}$	K	T	S	E
14998	12212	1	$\log \left(\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v)} \right)$	K	T	S	L
14999	12213	1	$\arcsin \left(\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v)} \right)$	K	T	S	S
15000	12214	1	$\arctan \left(\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v)} \right)$	K	T	S	T
15001	12215	1	$\sqrt{\frac{1 - (\cos (v))^2 - u^{2/3} (\cos (v))^2 + u^{2/3} (\cos (v))^2 (\cos (w))^2}{(\sin (v))^2}}$	K	T	S	P
15002	12216	1	$\sqrt{-\frac{-1 + (\cos (v))^2 - u^{2/3} (\cos (v))^2 + u^{2/3} (\cos (v))^2 (\cos (w))^2}{(\sin (v))^2}}$	K	T	S	H
15003	12217	1	$\frac{\sqrt[3]{u} \cos (v) \sin (w)}{\sin (v) \cos (w)}$	K	T	T	CD
15004	12218	1	$\frac{\sin (v) \cos (w)}{\sqrt[3]{u} \cos (v) \sin (w)}$	K	T	T	CDI
15005	12219	1	$\frac{\sqrt[3]{u} \cos (v) \sin (w) \pi}{\sin (v) \cos (w)}$	K	T	T	CDF
15006	12220	1	$\frac{\sin (v) \cos (w)}{\sqrt[3]{u} \cos (v) \sin (w) \pi}$	K	T	T	CDIF
15007	12221	1	$\frac{u^{2/3} (\cos (v))^2 (\sin (w))^2}{(\sin (v))^2 (\cos (w))^2}$	K	T	T	AB

15008	12222	1	$\sqrt{\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	K	T	T	R
15009	12223	1	$\frac{u (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	K	T	T	K
15010	12224	1	$e^{\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	K	T	T	E
15011	12225	1	$\log\left(\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	K	T	T	L
15012	12226	1	$\arcsin\left(\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	K	T	T	S
15013	12227	1	$\arctan\left(\frac{\sqrt[3]{u} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	K	T	T	T
15014	12228	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - u^{2/3} (\cos(v))^2 + u^{2/3} (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	K	T	T	P
15015	12229	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - u^{2/3} (\cos(v))^2 + u^{2/3} (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	K	T	T	H
15016	12230	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\tan(v)}$	K	T	P	CD
15017	12231	1	$\frac{\tan(v)}{\sqrt[3]{u} \sqrt{1-w^2}}$	K	T	P	CDI
15018	12232	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2} \pi}{\tan(v)}$	K	T	P	CDF
15019	12233	1	$\frac{\tan(v)}{\sqrt[3]{u} \sqrt{1-w^2} \pi}$	K	T	P	CDIF
15020	12234	1	$-\frac{u^{2/3} (-1+w^2)}{(\tan(v))^2}$	K	T	P	AB
15021	12235	1	$\sqrt{\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\tan(v)}}$	K	T	P	R

15022	12236	1	$\frac{u(1-w^2)^{3/2}}{(\tan(v))^3}$	K	T	P	K
15023	12237	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\tan(v)}}$	K	T	P	E
15024	12238	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\tan(v)}\right)$	K	T	P	L
15025	12239	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\tan(v)}\right)$	K	T	P	S
15026	12240	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\tan(v)}\right)$	K	T	P	T
15027	12241	1	$\sqrt{\frac{(\tan(v))^2 - u^{2/3} + u^{2/3}w^2}{(\tan(v))^2}}$	K	T	P	P
15028	12241	2	$\sqrt{\frac{(\tan(v))^2 - u^{2/3} + u^{2/3}w^2}{(\tan(v))^2}}$	K	T	H	H
15029	12242	1	$\sqrt{-\frac{(\tan(v))^2 - u^{2/3} + u^{2/3}w^2}{(\tan(v))^2}}$	K	T	P	H
15030	12243	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}$	K	T	H	CD
15031	12244	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	T	H	CDI
15032	12245	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\tan(v)}$	K	T	H	CDF
15033	12246	1	$\frac{\tan(v)}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	T	H	CDIF
15034	12247	1	$\frac{u^{2/3}(-1+w^2)}{(\tan(v))^2}$	K	T	H	AB
15035	12248	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}}$	K	T	H	R

15036	12249	1	$\frac{u(-1+w^2)^{3/2}}{(\tan(v))^3}$	K	T	H	K
15037	12250	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}}$	K	T	H	E
15038	12251	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	K	T	H	L
15039	12252	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	K	T	H	S
15040	12253	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\tan(v)}\right)$	K	T	H	T
15041	12254	1	$\sqrt{\frac{(\tan(v))^2 + u^{2/3} - u^{2/3}w^2}{(\tan(v))^2}}$	K	T	H	P
15042	12255	1	$\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}}$	K	P	CD	CD
15043	12255	2	$\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}}$	K	P	CDF	CDF
15044	12256	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{uw}}$	K	P	CD	CDI
15045	12256	2	$\frac{\sqrt{1-v^2}}{\sqrt[3]{uw}}$	K	P	CDF	CDIF
15046	12257	1	$\frac{\sqrt[3]{uw}\pi}{\sqrt{1-v^2}}$	K	P	CD	CDF
15047	12258	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{uw}\pi}$	K	P	CD	CDIF
15048	12259	1	$-\frac{u^{2/3}w^2}{-1+v^2}$	K	P	CD	AB
15049	12260	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}}}$	K	P	CD	R
15050	12261	1	$\frac{uw^3}{(1-v^2)^{3/2}}$	K	P	CD	K

15051	12262	1	$e^{\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}}}$	K	P	CD	E
15052	12263	1	$\log\left(\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}}\right)$	K	P	CD	L
15053	12264	1	$\arcsin\left(\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}}\right)$	K	P	CD	S
15054	12265	1	$\arctan\left(\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}}\right)$	K	P	CD	T
15055	12266	1	$\sqrt{\frac{-1+v^2+u^{2/3}w^2}{-1+v^2}}$	K	P	CD	P
15056	12266	2	$\sqrt{\frac{-1+v^2+u^{2/3}w^2}{-1+v^2}}$	K	H	CD	H
15057	12267	1	$\sqrt{-\frac{1-v^2+u^{2/3}w^2}{-1+v^2}}$	K	P	CD	H
15058	12267	2	$\sqrt{-\frac{1-v^2+u^{2/3}w^2}{-1+v^2}}$	K	H	CD	P
15059	12268	1	$\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}$	K	P	CDI	CD
15060	12269	1	$\frac{\sqrt{1-v^2}w}{\sqrt[3]{u}}$	K	P	CDI	CDI
15061	12269	2	$\frac{\sqrt{1-v^2}w}{\sqrt[3]{u}}$	K	P	CDIF	CDIF
15062	12270	1	$\frac{\sqrt[3]{u}\pi}{\sqrt{1-v^2}w}$	K	P	CDI	CDF
15063	12271	1	$\frac{\sqrt{1-v^2}w}{\sqrt[3]{u}\pi}$	K	P	CDI	CDIF
15064	12272	1	$-\frac{u^{2/3}}{(-1+v^2)w^2}$	K	P	CDI	AB

15065	12273	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}}$	K	P	CDI	R
15066	12274	1	$\frac{u}{(1-v^2)^{3/2}w^3}$	K	P	CDI	K
15067	12275	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}}$	K	P	CDI	E
15068	12276	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}\right)$	K	P	CDI	L
15069	12277	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}\right)$	K	P	CDI	S
15070	12278	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w}\right)$	K	P	CDI	T
15071	12279	1	$\sqrt{\frac{-w^2+v^2w^2+u^{2/3}}{(-1+v^2)w^2}}$	K	P	CDI	P
15072	12279	2	$\sqrt{\frac{-w^2+v^2w^2+u^{2/3}}{(-1+v^2)w^2}}$	K	H	CDI	H
15073	12280	1	$\sqrt{\frac{-w^2+v^2w^2-u^{2/3}}{(-1+v^2)w^2}}$	K	P	CDI	H
15074	12280	2	$\sqrt{\frac{-w^2+v^2w^2-u^{2/3}}{(-1+v^2)w^2}}$	K	H	CDI	P
15075	12281	1	$\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}\pi}$	K	P	CDF	CD
15076	12282	1	$\frac{\sqrt{1-v^2}\pi}{\sqrt[3]{u}w}$	K	P	CDF	CDI
15077	12283	1	$-\frac{u^{2/3}w^2}{(-1+v^2)\pi^2}$	K	P	CDF	AB
15078	12284	1	$\sqrt{\frac{\sqrt[3]{u}w}{\sqrt{1-v^2}\pi}}$	K	P	CDF	R
15079	12285	1	$\frac{uw^3}{(1-v^2)^{3/2}\pi^3}$	K	P	CDF	K

15080	12286	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}\pi}}$	K	P	CDF	E
15081	12287	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}\pi}\right)$	K	P	CDF	L
15082	12288	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}\pi}\right)$	K	P	CDF	S
15083	12289	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt{1-v^2}\pi}\right)$	K	P	CDF	T
15084	12290	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^{2/3}w^2}{(-1+v^2)\pi^2}}$	K	P	CDF	P
15085	12290	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + u^{2/3}w^2}{(-1+v^2)\pi^2}}$	K	H	CDF	H
15086	12291	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^{2/3}w^2}{(-1+v^2)\pi^2}}$	K	P	CDF	H
15087	12291	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - u^{2/3}w^2}{(-1+v^2)\pi^2}}$	K	H	CDF	P
15088	12292	1	$\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}$	K	P	CDIF	CD
15089	12293	1	$\frac{\sqrt{1-v^2}w\pi}{\sqrt[3]{u}}$	K	P	CDIF	CDI
15090	12294	1	$\frac{\sqrt[3]{u}}{\sqrt{-(v-1)(v+1)}w}$	K	P	CDIF	CDF
15091	12295	1	$-\frac{u^{2/3}}{(-1+v^2)w^2\pi^2}$	K	P	CDIF	AB
15092	12296	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}}$	K	P	CDIF	R
15093	12297	1	$\frac{u}{(1-v^2)^{3/2}w^3\pi^3}$	K	P	CDIF	K

15094	12298	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}}$	K	P	CDIF	E
15095	12299	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}\right)$	K	P	CDIF	L
15096	12300	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}\right)$	K	P	CDIF	S
15097	12301	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{1-v^2}w\pi}\right)$	K	P	CDIF	T
15098	12302	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^{2/3}}{(-1+v^2)w^2\pi^2}}$	K	P	CDIF	P
15099	12302	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + u^{2/3}}{(-1+v^2)w^2\pi^2}}$	K	H	CDIF	H
15100	12303	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - u^{2/3}}{(-1+v^2)w^2\pi^2}}$	K	P	CDIF	H
15101	12303	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - u^{2/3}}{(-1+v^2)w^2\pi^2}}$	K	H	CDIF	P
15102	12304	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}$	K	P	AB	CD
15103	12305	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{w}}$	K	P	AB	CDI
15104	12306	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{\sqrt{1-v^2}}$	K	P	AB	CDF
15105	12307	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{w}\pi}$	K	P	AB	CDIF
15106	12308	1	$-\frac{u^{2/3}w}{-1+v^2}$	K	P	AB	AB
15107	12309	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}}$	K	P	AB	R

15108 12310 1	$\frac{uw^{3/2}}{(1-v^2)^{3/2}}$	K	P	AB	K
15109 12311 1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}}$	K	P	AB	E
15110 12312 1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}\right)$	K	P	AB	L
15111 12313 1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}\right)$	K	P	AB	S
15112 12314 1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{1-v^2}}\right)$	K	P	AB	T
15113 12315 1	$\sqrt{\frac{-1+v^2+u^{2/3}w}{-1+v^2}}$	K	P	AB	P
15114 12315 2	$\sqrt{\frac{-1+v^2+u^{2/3}w}{-1+v^2}}$	K	H	AB	H
15115 12316 1	$\sqrt{-\frac{1-v^2+u^{2/3}w}{-1+v^2}}$	K	P	AB	H
15116 12316 2	$\sqrt{-\frac{1-v^2+u^{2/3}w}{-1+v^2}}$	K	H	AB	P
15117 12317 1	$\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}$	K	P	R	CD
15118 12318 1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}w^2}$	K	P	R	CDI
15119 12319 1	$\frac{\sqrt[3]{u}w^2\pi}{\sqrt{-(v-1)(v+1)}}$	K	P	R	CDF
15120 12320 1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}w^2\pi}$	K	P	R	CDIF
15121 12321 1	$-\frac{u^{2/3}w^4}{-1+v^2}$	K	P	R	AB

15122	12322	1	$\sqrt{\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}}$	K	P	R	R
15123	12323	1	$\frac{uw^6}{(1-v^2)^{3/2}}$	K	P	R	K
15124	12324	1	$e^{\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}}$	K	P	R	E
15125	12325	1	$\log\left(\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}\right)$	K	P	R	L
15126	12326	1	$\arcsin\left(\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}\right)$	K	P	R	S
15127	12327	1	$\arctan\left(\frac{\sqrt[3]{u}w^2}{\sqrt{-(v-1)(v+1)}}\right)$	K	P	R	T
15128	12328	1	$\sqrt{\frac{-1+v^2+u^{2/3}w^4}{-1+v^2}}$	K	P	R	P
15129	12328	2	$\sqrt{\frac{-1+v^2+u^{2/3}w^4}{-1+v^2}}$	K	H	R	H
15130	12329	1	$\sqrt{-\frac{1-v^2+u^{2/3}w^4}{-1+v^2}}$	K	P	R	H
15131	12329	2	$\sqrt{-\frac{1-v^2+u^{2/3}w^4}{-1+v^2}}$	K	H	R	P
15132	12330	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}$	K	P	K	CD
15133	12331	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt[3]{w}}$	K	P	K	CDI
15134	12332	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	K	P	K	CDF
15135	12333	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	P	K	CDIF

15136	12334	1	$-\frac{u^{2/3}w^{2/3}}{-1+v^2}$	K	P	K	AB
15137	12335	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	K	P	K	R
15138	12336	1	$\frac{uw}{(1-v^2)^{3/2}}$	K	P	K	K
15139	12337	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	K	P	K	E
15140	12338	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	K	P	K	L
15141	12339	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	K	P	K	S
15142	12340	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	K	P	K	T
15143	12341	1	$\sqrt{\frac{-1+v^2+u^{2/3}w^{2/3}}{-1+v^2}}$	K	P	K	P
15144	12341	2	$\sqrt{\frac{-1+v^2+u^{2/3}w^{2/3}}{-1+v^2}}$	K	H	K	H
15145	12342	1	$\sqrt{\frac{-1+v^2-u^{2/3}w^{2/3}}{-1+v^2}}$	K	P	K	H
15146	12342	2	$\sqrt{\frac{-1+v^2-u^{2/3}w^{2/3}}{-1+v^2}}$	K	H	K	P
15147	12343	1	$\frac{\sqrt[3]{u}\ln(w)}{\sqrt{1-v^2}}$	K	P	E	CD
15148	12344	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\ln(w)}$	K	P	E	CDI
15149	12345	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{\sqrt{1-v^2}}$	K	P	E	CDF
15150	12346	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\ln(w)\pi}$	K	P	E	CDIF

15151	12347	1	$-\frac{u^{2/3}(\ln(w))^2}{-1+v^2}$	K	P	E	AB
15152	12348	1	$\sqrt{\frac{\sqrt[3]{u}\ln(w)}{\sqrt{1-v^2}}}$	K	P	E	R
15153	12349	1	$\frac{u(\ln(w))^3}{(1-v^2)^{3/2}}$	K	P	E	K
15154	12350	1	$w\frac{\sqrt[3]{u}}{\sqrt{1-v^2}}$	K	P	E	E
15155	12351	1	$\log\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{1-v^2}}\right)$	K	P	E	L
15156	12352	1	$\arcsin\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{1-v^2}}\right)$	K	P	E	S
15157	12353	1	$\arctan\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{1-v^2}}\right)$	K	P	E	T
15158	12354	1	$\sqrt{\frac{-1+v^2+u^{2/3}(\ln(w))^2}{-1+v^2}}$	K	P	E	P
15159	12354	2	$\sqrt{\frac{-1+v^2+u^{2/3}(\ln(w))^2}{-1+v^2}}$	K	H	E	H
15160	12355	1	$\sqrt{\frac{-1+v^2-u^{2/3}(\ln(w))^2}{-1+v^2}}$	K	P	E	H
15161	12355	2	$\sqrt{\frac{-1+v^2-u^{2/3}(\ln(w))^2}{-1+v^2}}$	K	H	E	P
15162	12356	1	$\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}$	K	P	L	CD
15163	12357	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}Exp(w)}$	K	P	L	CDI
15164	12358	1	$\frac{\sqrt[3]{u}Exp(w)\pi}{\sqrt{1-v^2}}$	K	P	L	CDF

15165	12359	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}Exp(w)\pi}$	K	P	L	CDIF
15166	12360	1	$-\frac{u^{2/3}(Exp(w))^2}{-1+v^2}$	K	P	L	AB
15167	12361	1	$\sqrt{\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}}$	K	P	L	R
15168	12362	1	$\frac{u(Exp(w))^3}{(1-v^2)^{3/2}}$	K	P	L	K
15169	12363	1	$e^{\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}}$	K	P	L	E
15170	12364	1	$\log\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}\right)$	K	P	L	L
15171	12365	1	$\arcsin\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}\right)$	K	P	L	S
15172	12366	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{1-v^2}}\right)$	K	P	L	T
15173	12367	1	$\sqrt{\frac{-1+v^2+u^{2/3}(Exp(w))^2}{-1+v^2}}$	K	P	L	P
15174	12367	2	$\sqrt{\frac{-1+v^2+u^{2/3}(Exp(w))^2}{-1+v^2}}$	K	H	L	H
15175	12368	1	$\sqrt{\frac{-1+v^2-u^{2/3}(Exp(w))^2}{-1+v^2}}$	K	P	L	H
15176	12368	2	$\sqrt{\frac{-1+v^2-u^{2/3}(Exp(w))^2}{-1+v^2}}$	K	H	L	P
15177	12369	1	$\frac{\sqrt[3]{u}\sin(w)}{\sqrt{1-v^2}}$	K	P	S	CD
15178	12370	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sin(w)}$	K	P	S	CDI

15179	12371	1	$\frac{\sqrt[3]{u} \sin(w) \pi}{\sqrt{1-v^2}}$	K	P	S	CDF
15180	12372	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u} \sin(w) \pi}$	K	P	S	CDIF
15181	12373	1	$-\frac{u^{2/3} (\sin(w))^2}{-1+v^2}$	K	P	S	AB
15182	12374	1	$\sqrt{\frac{\sqrt[3]{u} \sin(w)}{\sqrt{1-v^2}}}$	K	P	S	R
15183	12375	1	$\frac{u (\sin(w))^3}{(1-v^2)^{3/2}}$	K	P	S	K
15184	12376	1	$e^{\frac{\sqrt[3]{u} \sin(w)}{\sqrt{1-v^2}}}$	K	P	S	E
15185	12377	1	$\log\left(\frac{\sqrt[3]{u} \sin(w)}{\sqrt{1-v^2}}\right)$	K	P	S	L
15186	12378	1	$\arcsin\left(\frac{\sqrt[3]{u} \sin(w)}{\sqrt{1-v^2}}\right)$	K	P	S	S
15187	12379	1	$\arctan\left(\frac{\sqrt[3]{u} \sin(w)}{\sqrt{1-v^2}}\right)$	K	P	S	T
15188	12380	1	$\sqrt{\frac{-1+v^2-u^{2/3}(\cos(w))^2+u^{2/3}}{-1+v^2}}$	K	P	S	P
15189	12380	2	$\sqrt{\frac{-1+v^2-u^{2/3}(\cos(w))^2+u^{2/3}}{-1+v^2}}$	K	H	S	H
15190	12381	1	$\sqrt{\frac{-1+v^2+u^{2/3}(\cos(w))^2-u^{2/3}}{-1+v^2}}$	K	P	S	H
15191	12381	2	$\sqrt{\frac{-1+v^2+u^{2/3}(\cos(w))^2-u^{2/3}}{-1+v^2}}$	K	H	S	P
15192	12382	1	$\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}$	K	P	T	CD

15193	12383	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u} \tan(w)}$	K	P	T	CDI
15194	12384	1	$\frac{\sqrt[3]{u} \tan(w) \pi}{\sqrt{1-v^2}}$	K	P	T	CDF
15195	12385	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u} \tan(w) \pi}$	K	P	T	CDIF
15196	12386	1	$-\frac{u^{2/3} (\tan(w))^2}{-1+v^2}$	K	P	T	AB
15197	12387	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}}$	K	P	T	R
15198	12388	1	$\frac{u (\tan(w))^3}{(1-v^2)^{3/2}}$	K	P	T	K
15199	12389	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}}$	K	P	T	E
15200	12390	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}\right)$	K	P	T	L
15201	12391	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}\right)$	K	P	T	S
15202	12392	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{1-v^2}}\right)$	K	P	T	T
15203	12393	1	$\sqrt{\frac{-1+v^2+u^{2/3} (\tan(w))^2}{-1+v^2}}$	K	P	T	P
15204	12393	2	$\sqrt{\frac{-1+v^2+u^{2/3} (\tan(w))^2}{-1+v^2}}$	K	H	T	H
15205	12394	1	$\sqrt{\frac{-1+v^2-u^{2/3} (\tan(w))^2}{-1+v^2}}$	K	P	T	H
15206	12394	2	$\sqrt{\frac{-1+v^2-u^{2/3} (\tan(w))^2}{-1+v^2}}$	K	H	T	P

15207	12395	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}$	K	P	P	CD
15208	12396	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{1-w^2}}$	K	P	P	CDI
15209	12397	1	$\frac{\sqrt[3]{u}\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	K	P	P	CDF
15210	12398	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{1-w^2}\pi}$	K	P	P	CDIF
15211	12399	1	$\frac{u^{2/3}(-1+w^2)}{-1+v^2}$	K	P	P	AB
15212	12399	2	$\frac{u^{2/3}(-1+w^2)}{-1+v^2}$	K	H	H	AB
15213	12400	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	K	P	P	R
15214	12401	1	$\frac{u(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	K	P	P	K
15215	12402	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	K	P	P	E
15216	12403	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	K	P	P	L
15217	12404	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	K	P	P	S
15218	12405	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	K	P	P	T
15219	12406	1	$\sqrt{-\frac{1-v^2-u^{2/3}+u^{2/3}w^2}{-1+v^2}}$	K	P	P	P
15220	12406	2	$\sqrt{-\frac{1-v^2-u^{2/3}+u^{2/3}w^2}{-1+v^2}}$	K	P	H	H

15221	12406	3	$\sqrt{-\frac{1-v^2-u^{2/3}+u^{2/3}w^2}{-1+v^2}}$	K	H	P	H
15222	12406	4	$\sqrt{-\frac{1-v^2-u^{2/3}+u^{2/3}w^2}{-1+v^2}}$	K	H	H	P
15223	12407	1	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-1+v^2}{-1+v^2}}$	K	P	P	H
15224	12407	2	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-1+v^2}{-1+v^2}}$	K	P	H	P
15225	12407	3	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-1+v^2}{-1+v^2}}$	K	H	P	P
15226	12407	4	$\sqrt{\frac{-u^{2/3}+u^{2/3}w^2-1+v^2}{-1+v^2}}$	K	H	H	H
15227	12408	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	K	P	H	CD
15228	12409	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	P	H	CDI
15229	12410	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	K	P	H	CDF
15230	12411	1	$\frac{\sqrt{1-v^2}}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	P	H	CDIF
15231	12412	1	$-\frac{u^{2/3}(-1+w^2)}{-1+v^2}$	K	P	H	AB
15232	12412	2	$-\frac{u^{2/3}(-1+w^2)}{-1+v^2}$	K	H	P	AB
15233	12413	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	K	P	H	R
15234	12414	1	$\frac{u(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	K	P	H	K
15235	12415	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	K	P	H	E

15236	12416	1	$\log \left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}} \right)$	K	P	H	L
15237	12417	1	$\arcsin \left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}} \right)$	K	P	H	S
15238	12418	1	$\arctan \left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{1-v^2}} \right)$	K	P	H	T
15239	12419	1	$\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}}$	K	H	CD	CD
15240	12420	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{uw}}$	K	H	CD	CDI
15241	12420	2	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{uw}}$	K	H	CDF	CDIF
15242	12421	1	$\frac{\sqrt[3]{uw}\pi}{\sqrt{-1+v^2}}$	K	H	CD	CDF
15243	12422	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{uw}\pi}$	K	H	CD	CDIF
15244	12423	1	$\frac{u^{2/3}w^2}{-1+v^2}$	K	H	CD	AB
15245	12424	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}}}$	K	H	CD	R
15246	12425	1	$\frac{uw^3}{(-1+v^2)^{3/2}}$	K	H	CD	K
15247	12426	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}}}$	K	H	CD	E
15248	12427	1	$\log \left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}} \right)$	K	H	CD	L
15249	12428	1	$\arcsin \left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}} \right)$	K	H	CD	S

15250	12429	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}}\right)$	K	H	CD	T
15251	12430	1	$\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}$	K	H	CDI	CD
15252	12430	2	$\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}$	K	H	CDIF	CDF
15253	12431	1	$\frac{\sqrt{-1+v^2}w}{\sqrt[3]{u}}$	K	H	CDI	CDI
15254	12431	2	$\frac{\sqrt{-1+v^2}w}{\sqrt[3]{u}}$	K	H	CDIF	CDIF
15255	12432	1	$\frac{\sqrt[3]{u}\pi}{\sqrt{-1+v^2}w}$	K	H	CDI	CDF
15256	12433	1	$\frac{\sqrt{-1+v^2}w}{\sqrt[3]{u}\pi}$	K	H	CDI	CDIF
15257	12434	1	$\frac{u^{2/3}}{(-1+v^2)w^2}$	K	H	CDI	AB
15258	12435	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}}$	K	H	CDI	R
15259	12436	1	$\frac{u}{(-1+v^2)^{3/2}w^3}$	K	H	CDI	K
15260	12437	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}}$	K	H	CDI	E
15261	12438	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}\right)$	K	H	CDI	L
15262	12439	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}\right)$	K	H	CDI	S
15263	12440	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w}\right)$	K	H	CDI	T
15264	12441	1	$\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}$	K	H	CDF	CD

15265	12442	1	$\frac{\sqrt{-1+v^2}\pi}{\sqrt[3]{uw}}$	K	H	CDF	CDI
15266	12443	1	$\frac{\sqrt[3]{uw}}{\sqrt{(v-1)(v+1)}}$	K	H	CDF	CDF
15267	12444	1	$\frac{u^{2/3}w^2}{(-1+v^2)\pi^2}$	K	H	CDF	AB
15268	12445	1	$\sqrt{\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}}$	K	H	CDF	R
15269	12446	1	$\frac{uw^3}{(-1+v^2)^{3/2}\pi^3}$	K	H	CDF	K
15270	12447	1	$e^{\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}}$	K	H	CDF	E
15271	12448	1	$\log\left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}\right)$	K	H	CDF	L
15272	12449	1	$\arcsin\left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}\right)$	K	H	CDF	S
15273	12450	1	$\arctan\left(\frac{\sqrt[3]{uw}}{\sqrt{-1+v^2}\pi}\right)$	K	H	CDF	T
15274	12451	1	$\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}$	K	H	CDIF	CD
15275	12452	1	$\frac{\sqrt{-1+v^2}w\pi}{\sqrt[3]{u}}$	K	H	CDIF	CDI
15276	12453	1	$\frac{u^{2/3}}{(-1+v^2)w^2\pi^2}$	K	H	CDIF	AB
15277	12454	1	$\sqrt{\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}}$	K	H	CDIF	R
15278	12455	1	$\frac{u}{(-1+v^2)^{3/2}w^3\pi^3}$	K	H	CDIF	K
15279	12456	1	$e^{\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}}$	K	H	CDIF	E

15280	12457	1	$\log\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}\right)$	K	H	CDIF	L
15281	12458	1	$\arcsin\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}\right)$	K	H	CDIF	S
15282	12459	1	$\arctan\left(\frac{\sqrt[3]{u}}{\sqrt{-1+v^2}w\pi}\right)$	K	H	CDIF	T
15283	12460	1	$\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}$	K	H	AB	CD
15284	12461	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt{w}}$	K	H	AB	CDI
15285	12462	1	$\frac{\sqrt[3]{u}\sqrt{w}\pi}{\sqrt{-1+v^2}}$	K	H	AB	CDF
15286	12463	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt{w}\pi}$	K	H	AB	CDIF
15287	12464	1	$\frac{u^{2/3}w}{-1+v^2}$	K	H	AB	AB
15288	12465	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}}$	K	H	AB	R
15289	12466	1	$\frac{uw^{3/2}}{(-1+v^2)^{3/2}}$	K	H	AB	K
15290	12467	1	$e^{\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}}$	K	H	AB	E
15291	12468	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	K	H	AB	L
15292	12469	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	K	H	AB	S
15293	12470	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	K	H	AB	T

15294	12471	1	$\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}$	K	H	R	CD
15295	12472	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{uw^2}}$	K	H	R	CDI
15296	12473	1	$\frac{\sqrt[3]{uw^2}\pi}{\sqrt{(v-1)(v+1)}}$	K	H	R	CDF
15297	12474	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{uw^2}\pi}$	K	H	R	CDIF
15298	12475	1	$\frac{u^{2/3}w^4}{-1+v^2}$	K	H	R	AB
15299	12476	1	$\sqrt{\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}}$	K	H	R	R
15300	12477	1	$\frac{uw^6}{(-1+v^2)^{3/2}}$	K	H	R	K
15301	12478	1	$e^{\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}}$	K	H	R	E
15302	12479	1	$\log\left(\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}\right)$	K	H	R	L
15303	12480	1	$\arcsin\left(\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}\right)$	K	H	R	S
15304	12481	1	$\arctan\left(\frac{\sqrt[3]{uw^2}}{\sqrt{(v-1)(v+1)}}\right)$	K	H	R	T
15305	12482	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}$	K	H	K	CD
15306	12483	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt[3]{w}}$	K	H	K	CDI
15307	12484	1	$\frac{\sqrt[3]{u}\sqrt[3]{w}\pi}{\sqrt{-1+v^2}}$	K	H	K	CDF

15308	12485	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt[3]{w}\pi}$	K	H	K	CDIF
15309	12486	1	$\frac{u^{2/3}w^{2/3}}{-1+v^2}$	K	H	K	AB
15310	12487	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	K	H	K	R
15311	12488	1	$\frac{uw}{(-1+v^2)^{3/2}}$	K	H	K	K
15312	12489	1	$e^{\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	K	H	K	E
15313	12490	1	$\log\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	K	H	K	L
15314	12491	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	K	H	K	S
15315	12492	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	K	H	K	T
15316	12493	1	$\frac{\sqrt[3]{u}\ln(w)}{\sqrt{-1+v^2}}$	K	H	E	CD
15317	12494	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\ln(w)}$	K	H	E	CDI
15318	12495	1	$\frac{\sqrt[3]{u}\ln(w)\pi}{\sqrt{-1+v^2}}$	K	H	E	CDF
15319	12496	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\ln(w)\pi}$	K	H	E	CDIF
15320	12497	1	$\frac{u^{2/3}(\ln(w))^2}{-1+v^2}$	K	H	E	AB
15321	12498	1	$\sqrt{\frac{\sqrt[3]{u}\ln(w)}{\sqrt{-1+v^2}}}$	K	H	E	R

15322 12499 1	$\frac{u(\ln(w))^3}{(-1+v^2)^{3/2}}$	K	H	E	K
15323 12500 1	$w \frac{\sqrt[3]{u}}{\sqrt{-1+v^2}}$	K	H	E	E
15324 12501 1	$\log\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{-1+v^2}}\right)$	K	H	E	L
15325 12502 1	$\arcsin\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{-1+v^2}}\right)$	K	H	E	S
15326 12503 1	$\arctan\left(\frac{\sqrt[3]{u}\ln(w)}{\sqrt{-1+v^2}}\right)$	K	H	E	T
15327 12504 1	$\frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}$	K	H	L	CD
15328 12505 1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}Exp(w)}$	K	H	L	CDI
15329 12506 1	$\frac{\sqrt[3]{u}Exp(w)\pi}{\sqrt{-1+v^2}}$	K	H	L	CDF
15330 12507 1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}Exp(w)\pi}$	K	H	L	CDIF
15331 12508 1	$\frac{u^{2/3}(Exp(w))^2}{-1+v^2}$	K	H	L	AB
15332 12509 1	$\sqrt{\frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}}$	K	H	L	R
15333 12510 1	$\frac{u(Exp(w))^3}{(-1+v^2)^{3/2}}$	K	H	L	K
15334 12511 1	$e \frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}$	K	H	L	E
15335 12512 1	$\log\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	K	H	L	L

15336	12513	1	$\arcsin\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	K	H	L	S
15337	12514	1	$\arctan\left(\frac{\sqrt[3]{u}Exp(w)}{\sqrt{-1+v^2}}\right)$	K	H	L	T
15338	12515	1	$\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}$	K	H	S	CD
15339	12516	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sin(w)}$	K	H	S	CDI
15340	12517	1	$\frac{\sqrt[3]{u}\sin(w)\pi}{\sqrt{-1+v^2}}$	K	H	S	CDF
15341	12518	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sin(w)\pi}$	K	H	S	CDIF
15342	12519	1	$\frac{u^{2/3}(\sin(w))^2}{-1+v^2}$	K	H	S	AB
15343	12520	1	$\sqrt{\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}}$	K	H	S	R
15344	12521	1	$\frac{u(\sin(w))^3}{(-1+v^2)^{3/2}}$	K	H	S	K
15345	12522	1	$e^{\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}}$	K	H	S	E
15346	12523	1	$\log\left(\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}\right)$	K	H	S	L
15347	12524	1	$\arcsin\left(\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}\right)$	K	H	S	S
15348	12525	1	$\arctan\left(\frac{\sqrt[3]{u}\sin(w)}{\sqrt{-1+v^2}}\right)$	K	H	S	T
15349	12526	1	$\frac{\sqrt[3]{u}\tan(w)}{\sqrt{-1+v^2}}$	K	H	T	CD
15350	12527	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\tan(w)}$	K	H	T	CDI

15351	12528	1	$\frac{\sqrt[3]{u} \tan(w) \pi}{\sqrt{-1+v^2}}$	K	H	T	CDF
15352	12529	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u} \tan(w) \pi}$	K	H	T	CDIF
15353	12530	1	$\frac{u^{2/3} (\tan(w))^2}{-1+v^2}$	K	H	T	AB
15354	12531	1	$\sqrt{\frac{\sqrt[3]{u} \tan(w)}{\sqrt{-1+v^2}}}$	K	H	T	R
15355	12532	1	$\frac{u (\tan(w))^3}{(-1+v^2)^{3/2}}$	K	H	T	K
15356	12533	1	$e^{\frac{\sqrt[3]{u} \tan(w)}{\sqrt{-1+v^2}}}$	K	H	T	E
15357	12534	1	$\log\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{-1+v^2}}\right)$	K	H	T	L
15358	12535	1	$\arcsin\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{-1+v^2}}\right)$	K	H	T	S
15359	12536	1	$\arctan\left(\frac{\sqrt[3]{u} \tan(w)}{\sqrt{-1+v^2}}\right)$	K	H	T	T
15360	12537	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	K	H	P	CD
15361	12538	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u} \sqrt{1-w^2}}$	K	H	P	CDI
15362	12539	1	$\frac{\sqrt[3]{u} \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	K	H	P	CDF
15363	12540	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u} \sqrt{1-w^2} \pi}$	K	H	P	CDIF
15364	12541	1	$\sqrt{\frac{\sqrt[3]{u} \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	K	H	P	R

15365	12542	1	$\frac{u(1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	K	H	P	K
15366	12543	1	$e^{\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	K	H	P	E
15367	12544	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	K	H	P	L
15368	12545	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	K	H	P	S
15369	12546	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	K	H	P	T
15370	12547	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	K	H	H	CD
15371	12548	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt{-1+w^2}}$	K	H	H	CDI
15372	12549	1	$\frac{\sqrt[3]{u}\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	K	H	H	CDF
15373	12550	1	$\frac{\sqrt{-1+v^2}}{\sqrt[3]{u}\sqrt{-1+w^2}\pi}$	K	H	H	CDIF
15374	12551	1	$\sqrt{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	K	H	H	R
15375	12552	1	$\frac{u(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	K	H	H	K
15376	12553	1	$e^{\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	K	H	H	E
15377	12554	1	$\log\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	K	H	H	L

15378	12555	1	$\arcsin\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	K	H	H	S
15379	12556	1	$\arctan\left(\frac{\sqrt[3]{u}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	K	H	H	T
15380	12557	1	$\frac{\ln(u) w}{v}$	E	CD	CD	CD
15381	12557	2	$\frac{\ln(u) w}{v}$	E	CD	CDF	CDF
15382	12557	3	$\frac{\ln(u) w}{v}$	E	CDF	CDF	CD
15383	12558	1	$\frac{v}{\ln(u) w}$	E	CD	CD	CDI
15384	12558	2	$\frac{v}{\ln(u) w}$	E	CD	CDF	CDIF
15385	12558	3	$\frac{v}{\ln(u) w}$	E	CDF	CDF	CDI
15386	12559	1	$\frac{\ln(u) w \pi}{v}$	E	CD	CD	CDF
15387	12559	2	$\frac{\ln(u) w \pi}{v}$	E	CDF	CD	CD
15388	12559	3	$\frac{\ln(u) w \pi}{v}$	E	CDF	CDF	CDF
15389	12560	1	$\frac{v}{\ln(u) w \pi}$	E	CD	CD	CDIF
15390	12560	2	$\frac{v}{\ln(u) w \pi}$	E	CDF	CD	CDI
15391	12560	3	$\frac{v}{\ln(u) w \pi}$	E	CDF	CDF	CDIF
15392	12561	1	$\frac{(\ln(u))^2 w^2}{v^2}$	E	CD	CD	AB
15393	12561	2	$\frac{(\ln(u))^2 w^2}{v^2}$	E	CDF	CDF	AB
15394	12562	1	$\sqrt{\frac{\ln(u) w}{v}}$	E	CD	CD	R
15395	12562	2	$\sqrt{\frac{\ln(u) w}{v}}$	E	CDF	CDF	R

15396	12563	1	$\frac{(\ln(u))^3 w^3}{v^3}$	E	CD	CD	K
15397	12563	2	$\frac{(\ln(u))^3 w^3}{v^3}$	E	CDF	CDF	K
15398	12564	1	$u^{\frac{w}{v}}$	E	CD	CD	E
15399	12564	2	$u^{\frac{w}{v}}$	E	CDF	CDF	E
15400	12565	1	$\log\left(\frac{\ln(u) w}{v}\right)$	E	CD	CD	L
15401	12565	2	$\log\left(\frac{\ln(u) w}{v}\right)$	E	CDF	CDF	L
15402	12566	1	$\arcsin\left(\frac{\ln(u) w}{v}\right)$	E	CD	CD	S
15403	12566	2	$\arcsin\left(\frac{\ln(u) w}{v}\right)$	E	CDF	CDF	S
15404	12567	1	$\arctan\left(\frac{\ln(u) w}{v}\right)$	E	CD	CD	T
15405	12567	2	$\arctan\left(\frac{\ln(u) w}{v}\right)$	E	CDF	CDF	T
15406	12568	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	CD	P
15407	12568	2	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^2}{v^2}}$	E	CDF	CDF	P
15408	12569	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	CD	H
15409	12569	2	$\sqrt{\frac{v^2 + (\ln(u))^2 w^2}{v^2}}$	E	CDF	CDF	H
15410	12570	1	$\frac{\ln(u)}{vw}$	E	CD	CDI	CD
15411	12570	2	$\frac{\ln(u)}{vw}$	E	CD	CDIF	CDF
15412	12570	3	$\frac{\ln(u)}{vw}$	E	CDF	CDIF	CD

15413	12571	1	$\frac{vw}{\ln(u)}$	E	CD	CDI	CDI
15414	12571	2	$\frac{vw}{\ln(u)}$	E	CD	CDIF	CDIF
15415	12571	3	$\frac{vw}{\ln(u)}$	E	CDF	CDIF	CDI
15416	12572	1	$\frac{\ln(u) \pi}{vw}$	E	CD	CDI	CDF
15417	12572	2	$\frac{\ln(u) \pi}{vw}$	E	CDF	CDI	CD
15418	12572	3	$\frac{\ln(u) \pi}{vw}$	E	CDF	CDIF	CDF
15419	12573	1	$\frac{vw}{\ln(u) \pi}$	E	CD	CDI	CDIF
15420	12573	2	$\frac{vw}{\ln(u) \pi}$	E	CDF	CDI	CDI
15421	12573	3	$\frac{vw}{\ln(u) \pi}$	E	CDF	CDIF	CDIF
15422	12574	1	$\frac{(\ln(u))^2}{v^2 w^2}$	E	CD	CDI	AB
15423	12574	2	$\frac{(\ln(u))^2}{v^2 w^2}$	E	CDF	CDIF	AB
15424	12575	1	$\sqrt{\frac{\ln(u)}{vw}}$	E	CD	CDI	R
15425	12575	2	$\sqrt{\frac{\ln(u)}{vw}}$	E	CDF	CDIF	R
15426	12576	1	$\frac{(\ln(u))^3}{v^3 w^3}$	E	CD	CDI	K
15427	12576	2	$\frac{(\ln(u))^3}{v^3 w^3}$	E	CDF	CDIF	K
15428	12577	1	$u^{\frac{1}{vw}}$	E	CD	CDI	E
15429	12577	2	$u^{\frac{1}{vw}}$	E	CDF	CDIF	E
15430	12578	1	$\log\left(\frac{\ln(u)}{vw}\right)$	E	CD	CDI	L

15431	12578	2	$\log \left(\frac{\ln (u)}{vw} \right)$	E	CDF	CDIF	L
15432	12579	1	$\arcsin \left(\frac{\ln (u)}{vw} \right)$	E	CD	CDI	S
15433	12579	2	$\arcsin \left(\frac{\ln (u)}{vw} \right)$	E	CDF	CDIF	S
15434	12580	1	$\arctan \left(\frac{\ln (u)}{vw} \right)$	E	CD	CDI	T
15435	12580	2	$\arctan \left(\frac{\ln (u)}{vw} \right)$	E	CDF	CDIF	T
15436	12581	1	$\sqrt{\frac{v^2 w^2 - (\ln (u))^2}{v^2 w^2}}$	E	CD	CDI	P
15437	12581	2	$\sqrt{\frac{v^2 w^2 - (\ln (u))^2}{v^2 w^2}}$	E	CDF	CDIF	P
15438	12582	1	$\sqrt{\frac{v^2 w^2 + (\ln (u))^2}{v^2 w^2}}$	E	CD	CDI	H
15439	12582	2	$\sqrt{\frac{v^2 w^2 + (\ln (u))^2}{v^2 w^2}}$	E	CDF	CDIF	H
15440	12583	1	$\frac{\ln (u) w}{v \pi}$	E	CD	CDF	CD
15441	12584	1	$\frac{v \pi}{\ln (u) w}$	E	CD	CDF	CDI
15442	12585	1	$\frac{(\ln (u))^2 w^2}{v^2 \pi^2}$	E	CD	CDF	AB
15443	12586	1	$\sqrt{\frac{\ln (u) w}{v \pi}}$	E	CD	CDF	R
15444	12587	1	$\frac{(\ln (u))^3 w^3}{v^3 \pi^3}$	E	CD	CDF	K
15445	12588	1	$u^{\frac{w}{v \pi}}$	E	CD	CDF	E

15446	12589	1	$\log \left(\frac{\ln(u) w}{v\pi} \right)$	E	CD	CDF	L
15447	12590	1	$\arcsin \left(\frac{\ln(u) w}{v\pi} \right)$	E	CD	CDF	S
15448	12591	1	$\arctan \left(\frac{\ln(u) w}{v\pi} \right)$	E	CD	CDF	T
15449	12592	1	$\sqrt{\frac{v^2\pi^2 - (\ln(u))^2 w^2}{v^2\pi^2}}$	E	CD	CDF	P
15450	12593	1	$\sqrt{\frac{v^2\pi^2 + (\ln(u))^2 w^2}{v^2\pi^2}}$	E	CD	CDF	H
15451	12594	1	$\frac{\ln(u)}{vw\pi}$	E	CD	CDIF	CD
15452	12595	1	$\frac{vw\pi}{\ln(u)}$	E	CD	CDIF	CDI
15453	12596	1	$\frac{(\ln(u))^2}{v^2w^2\pi^2}$	E	CD	CDIF	AB
15454	12597	1	$\sqrt{\frac{\ln(u)}{vw\pi}}$	E	CD	CDIF	R
15455	12598	1	$\frac{(\ln(u))^3}{v^3w^3\pi^3}$	E	CD	CDIF	K
15456	12599	1	$u^{\frac{1}{vw\pi}}$	E	CD	CDIF	E
15457	12600	1	$\log \left(\frac{\ln(u)}{vw\pi} \right)$	E	CD	CDIF	L
15458	12601	1	$\arcsin \left(\frac{\ln(u)}{vw\pi} \right)$	E	CD	CDIF	S
15459	12602	1	$\arctan \left(\frac{\ln(u)}{vw\pi} \right)$	E	CD	CDIF	T
15460	12603	1	$\sqrt{\frac{v^2w^2\pi^2 - (\ln(u))^2}{v^2w^2\pi^2}}$	E	CD	CDIF	P

15461	12604	1	$\sqrt{\frac{v^2 w^2 \pi^2 + (\ln(u))^2}{v^2 w^2 \pi^2}}$	E	CD	CDIF	H
15462	12605	1	$\frac{\ln(u) \sqrt{w}}{v}$	E	CD	AB	CD
15463	12606	1	$\frac{v}{\ln(u) \sqrt{w}}$	E	CD	AB	CDI
15464	12607	1	$\frac{\ln(u) \sqrt{w} \pi}{v}$	E	CD	AB	CDF
15465	12607	2	$\frac{\ln(u) \sqrt{w} \pi}{v}$	E	CDF	AB	CD
15466	12608	1	$\frac{v}{\ln(u) \sqrt{w} \pi}$	E	CD	AB	CDIF
15467	12608	2	$\frac{v}{\ln(u) \sqrt{w} \pi}$	E	CDF	AB	CDI
15468	12609	1	$\frac{(\ln(u))^2 w}{v^2}$	E	CD	AB	AB
15469	12610	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{v}}$	E	CD	AB	R
15470	12611	1	$\frac{(\ln(u))^3 w^{3/2}}{v^3}$	E	CD	AB	K
15471	12612	1	$u^{\frac{\sqrt{w}}{v}}$	E	CD	AB	E
15472	12613	1	$\log\left(\frac{\ln(u) \sqrt{w}}{v}\right)$	E	CD	AB	L
15473	12614	1	$\arcsin\left(\frac{\ln(u) \sqrt{w}}{v}\right)$	E	CD	AB	S
15474	12615	1	$\arctan\left(\frac{\ln(u) \sqrt{w}}{v}\right)$	E	CD	AB	T
15475	12616	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w}{v^2}}$	E	CD	AB	P

15476 12617 1	$\sqrt{\frac{v^2 + (\ln(u))^2 w}{v^2}}$	E	CD	AB	H
15477 12618 1	$\frac{\ln(u) w^2}{v}$	E	CD	R	CD
15478 12619 1	$\frac{v}{\ln(u) w^2}$	E	CD	R	CDI
15479 12620 1	$\frac{\ln(u) w^2 \pi}{v}$	E	CD	R	CDF
15480 12620 2	$\frac{\ln(u) w^2 \pi}{v}$	E	CDF	R	CD
15481 12621 1	$\frac{v}{\ln(u) w^2 \pi}$	E	CD	R	CDIF
15482 12621 2	$\frac{v}{\ln(u) w^2 \pi}$	E	CDF	R	CDI
15483 12622 1	$\frac{(\ln(u))^2 w^4}{v^2}$	E	CD	R	AB
15484 12623 1	$\sqrt{\frac{\ln(u) w^2}{v}}$	E	CD	R	R
15485 12624 1	$\frac{(\ln(u))^3 w^6}{v^3}$	E	CD	R	K
15486 12625 1	$u^{\frac{w^2}{v}}$	E	CD	R	E
15487 12626 1	$\log\left(\frac{\ln(u) w^2}{v}\right)$	E	CD	R	L
15488 12627 1	$\arcsin\left(\frac{\ln(u) w^2}{v}\right)$	E	CD	R	S
15489 12628 1	$\arctan\left(\frac{\ln(u) w^2}{v}\right)$	E	CD	R	T
15490 12629 1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^4}{v^2}}$	E	CD	R	P

15491	12630	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^4}{v^2}}$	E	CD	R	H
15492	12631	1	$\frac{\ln(u) \sqrt[3]{w}}{v}$	E	CD	K	CD
15493	12632	1	$\frac{v}{\ln(u) \sqrt[3]{w}}$	E	CD	K	CDI
15494	12633	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{v}$	E	CD	K	CDF
15495	12633	2	$\frac{\ln(u) \sqrt[3]{w} \pi}{v}$	E	CDF	K	CD
15496	12634	1	$\frac{v}{\ln(u) \sqrt[3]{w} \pi}$	E	CD	K	CDIF
15497	12634	2	$\frac{v}{\ln(u) \sqrt[3]{w} \pi}$	E	CDF	K	CDI
15498	12635	1	$\frac{(\ln(u))^2 w^{2/3}}{v^2}$	E	CD	K	AB
15499	12636	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{v}}$	E	CD	K	R
15500	12637	1	$\frac{(\ln(u))^3 w}{v^3}$	E	CD	K	K
15501	12638	1	$u^{\frac{\sqrt[3]{w}}{v}}$	E	CD	K	E
15502	12639	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{v}\right)$	E	CD	K	L
15503	12640	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{v}\right)$	E	CD	K	S
15504	12641	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{v}\right)$	E	CD	K	T
15505	12642	1	$\sqrt{\frac{v^2 - (\ln(u))^2 w^{2/3}}{v^2}}$	E	CD	K	P

15506	12643	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^{2/3}}{v^2}}$	E	CD	K	H
15507	12644	1	$\frac{\ln(u) \ln(w)}{v}$	E	CD	E	CD
15508	12645	1	$\frac{v}{\ln(u) \ln(w)}$	E	CD	E	CDI
15509	12646	1	$\frac{\ln(u) \ln(w) \pi}{v}$	E	CD	E	CDF
15510	12646	2	$\frac{\ln(u) \ln(w) \pi}{v}$	E	CDF	E	CD
15511	12647	1	$\frac{v}{\ln(u) \ln(w) \pi}$	E	CD	E	CDIF
15512	12647	2	$\frac{v}{\ln(u) \ln(w) \pi}$	E	CDF	E	CDI
15513	12648	1	$\frac{(\ln(u))^2 (\ln(w))^2}{v^2}$	E	CD	E	AB
15514	12649	1	$\sqrt{\frac{\ln(u) \ln(w)}{v}}$	E	CD	E	R
15515	12650	1	$\frac{(\ln(u))^3 (\ln(w))^3}{v^3}$	E	CD	E	K
15516	12651	1	$u^{\frac{\ln(w)}{v}}$	E	CD	E	E
15517	12652	1	$\log\left(\frac{\ln(u) \ln(w)}{v}\right)$	E	CD	E	L
15518	12653	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{v}\right)$	E	CD	E	S
15519	12654	1	$\arctan\left(\frac{\ln(u) \ln(w)}{v}\right)$	E	CD	E	T
15520	12655	1	$\sqrt{\frac{v^2 - (\ln(u))^2 (\ln(w))^2}{v^2}}$	E	CD	E	P

15521	12656	1	$\sqrt{\frac{v^2 + (\ln(u))^2 (\ln(w))^2}{v^2}}$	E	CD	E	H
15522	12657	1	$\frac{\ln(u) \text{Exp}(w)}{v}$	E	CD	L	CD
15523	12658	1	$\frac{v}{\ln(u) \text{Exp}(w)}$	E	CD	L	CDI
15524	12659	1	$\frac{\ln(u) \text{Exp}(w) \pi}{v}$	E	CD	L	CDF
15525	12659	2	$\frac{\ln(u) \text{Exp}(w) \pi}{v}$	E	CDF	L	CD
15526	12660	1	$\frac{v}{\ln(u) \text{Exp}(w) \pi}$	E	CD	L	CDIF
15527	12660	2	$\frac{v}{\ln(u) \text{Exp}(w) \pi}$	E	CDF	L	CDI
15528	12661	1	$\frac{(\ln(u))^2 (\text{Exp}(w))^2}{v^2}$	E	CD	L	AB
15529	12662	1	$\sqrt{\frac{\ln(u) \text{Exp}(w)}{v}}$	E	CD	L	R
15530	12663	1	$\frac{(\ln(u))^3 (\text{Exp}(w))^3}{v^3}$	E	CD	L	K
15531	12664	1	$u^{\frac{\text{Exp}(w)}{v}}$	E	CD	L	E
15532	12665	1	$\log\left(\frac{\ln(u) \text{Exp}(w)}{v}\right)$	E	CD	L	L
15533	12666	1	$\arcsin\left(\frac{\ln(u) \text{Exp}(w)}{v}\right)$	E	CD	L	S
15534	12667	1	$\arctan\left(\frac{\ln(u) \text{Exp}(w)}{v}\right)$	E	CD	L	T
15535	12668	1	$\sqrt{\frac{v^2 - (\ln(u))^2 (\text{Exp}(w))^2}{v^2}}$	E	CD	L	P

15536	12669	1	$\sqrt{\frac{v^2 + (\ln(u))^2 (\text{Exp}(w))^2}{v^2}}$	E	CD	L	H
15537	12670	1	$\frac{\ln(u) \sin(w)}{v}$	E	CD	S	CD
15538	12671	1	$\frac{v}{\ln(u) \sin(w)}$	E	CD	S	CDI
15539	12672	1	$\frac{\ln(u) \sin(w) \pi}{v}$	E	CD	S	CDF
15540	12672	2	$\frac{\ln(u) \sin(w) \pi}{v}$	E	CDF	S	CD
15541	12673	1	$\frac{v}{\ln(u) \sin(w) \pi}$	E	CD	S	CDIF
15542	12673	2	$\frac{v}{\ln(u) \sin(w) \pi}$	E	CDF	S	CDI
15543	12674	1	$\frac{(\ln(u))^2 (\sin(w))^2}{v^2}$	E	CD	S	AB
15544	12675	1	$\sqrt{\frac{\ln(u) \sin(w)}{v}}$	E	CD	S	R
15545	12676	1	$\frac{(\ln(u))^3 (\sin(w))^3}{v^3}$	E	CD	S	K
15546	12677	1	$u^{\frac{\sin(w)}{v}}$	E	CD	S	E
15547	12678	1	$\log\left(\frac{\ln(u) \sin(w)}{v}\right)$	E	CD	S	L
15548	12679	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{v}\right)$	E	CD	S	S
15549	12680	1	$\arctan\left(\frac{\ln(u) \sin(w)}{v}\right)$	E	CD	S	T
15550	12681	1	$\sqrt{\frac{v^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{v^2}}$	E	CD	S	P

15551	12682	1	$\sqrt{\frac{v^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{v^2}}$	E	CD	S	H
15552	12683	1	$\frac{\ln(u) \tan(w)}{v}$	E	CD	T	CD
15553	12684	1	$\frac{v}{\ln(u) \tan(w)}$	E	CD	T	CDI
15554	12685	1	$\frac{\ln(u) \tan(w) \pi}{v}$	E	CD	T	CDF
15555	12685	2	$\frac{\ln(u) \tan(w) \pi}{v}$	E	CDF	T	CD
15556	12686	1	$\frac{v}{\ln(u) \tan(w) \pi}$	E	CD	T	CDIF
15557	12686	2	$\frac{v}{\ln(u) \tan(w) \pi}$	E	CDF	T	CDI
15558	12687	1	$\frac{(\ln(u))^2 (\tan(w))^2}{v^2}$	E	CD	T	AB
15559	12688	1	$\sqrt{\frac{\ln(u) \tan(w)}{v}}$	E	CD	T	R
15560	12689	1	$\frac{(\ln(u))^3 (\tan(w))^3}{v^3}$	E	CD	T	K
15561	12690	1	$u^{\frac{\tan(w)}{v}}$	E	CD	T	E
15562	12691	1	$\log\left(\frac{\ln(u) \tan(w)}{v}\right)$	E	CD	T	L
15563	12692	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{v}\right)$	E	CD	T	S
15564	12693	1	$\arctan\left(\frac{\ln(u) \tan(w)}{v}\right)$	E	CD	T	T
15565	12694	1	$\sqrt{\frac{v^2 - (\ln(u))^2 (\tan(w))^2}{v^2}}$	E	CD	T	P

15566	12695	1	$\sqrt{\frac{v^2 + (\ln(u))^2 (\tan(w))^2}{v^2}}$	E	CD	T	H
15567	12696	1	$\frac{\ln(u) \sqrt{1-w^2}}{v}$	E	CD	P	CD
15568	12697	1	$\frac{v}{\ln(u) \sqrt{1-w^2}}$	E	CD	P	CDI
15569	12698	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{v}$	E	CD	P	CDF
15570	12698	2	$\frac{\ln(u) \sqrt{1-w^2} \pi}{v}$	E	CDF	P	CD
15571	12699	1	$\frac{v}{\ln(u) \sqrt{1-w^2} \pi}$	E	CD	P	CDIF
15572	12699	2	$\frac{v}{\ln(u) \sqrt{1-w^2} \pi}$	E	CDF	P	CDI
15573	12700	1	$-\frac{(\ln(u))^2 (-1+w^2)}{v^2}$	E	CD	P	AB
15574	12701	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{v}}$	E	CD	P	R
15575	12702	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{v^3}$	E	CD	P	K
15576	12703	1	$u^{\frac{\sqrt{1-w^2}}{v}}$	E	CD	P	E
15577	12704	1	$\log\left(\frac{\ln(u) \sqrt{1-w^2}}{v}\right)$	E	CD	P	L
15578	12705	1	$\arcsin\left(\frac{\ln(u) \sqrt{1-w^2}}{v}\right)$	E	CD	P	S
15579	12706	1	$\arctan\left(\frac{\ln(u) \sqrt{1-w^2}}{v}\right)$	E	CD	P	T
15580	12707	1	$\sqrt{\frac{v^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	P	P

15581	12707	2	$\sqrt{\frac{v^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	H	H
15582	12708	1	$\sqrt{-\frac{-v^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	P	H
15583	12708	2	$\sqrt{-\frac{-v^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^2}}$	E	CD	H	P
15584	12709	1	$\frac{\ln(u) \sqrt{-1 + w^2}}{v}$	E	CD	H	CD
15585	12710	1	$\frac{v}{\ln(u) \sqrt{-1 + w^2}}$	E	CD	H	CDI
15586	12711	1	$\frac{\ln(u) \sqrt{-1 + w^2} \pi}{v}$	E	CD	H	CDF
15587	12711	2	$\frac{\ln(u) \sqrt{-1 + w^2} \pi}{v}$	E	CDF	H	CD
15588	12712	1	$\frac{v}{\ln(u) \sqrt{-1 + w^2} \pi}$	E	CD	H	CDIF
15589	12712	2	$\frac{v}{\ln(u) \sqrt{-1 + w^2} \pi}$	E	CDF	H	CDI
15590	12713	1	$\frac{(\ln(u))^2 (-1 + w^2)}{v^2}$	E	CD	H	AB
15591	12714	1	$\sqrt{\frac{\ln(u) \sqrt{-1 + w^2}}{v}}$	E	CD	H	R
15592	12715	1	$\frac{(\ln(u))^3 (-1 + w^2)^{3/2}}{v^3}$	E	CD	H	K
15593	12716	1	$u^{\frac{\sqrt{-1+w^2}}{v}}$	E	CD	H	E
15594	12717	1	$\log\left(\frac{\ln(u) \sqrt{-1 + w^2}}{v}\right)$	E	CD	H	L
15595	12718	1	$\arcsin\left(\frac{\ln(u) \sqrt{-1 + w^2}}{v}\right)$	E	CD	H	S

15596	12719	1	$\arctan\left(\frac{\ln(u)\sqrt{-1+w^2}}{v}\right)$	E	CD	H	T
15597	12720	1	$\ln(u)vw$	E	CDI	CD	CD
15598	12720	2	$\ln(u)vw$	E	CDI	CDF	CDF
15599	12720	3	$\ln(u)vw$	E	CDIF	CDF	CD
15600	12721	1	$\frac{1}{\ln(u)vw}$	E	CDI	CD	CDI
15601	12721	2	$\frac{1}{\ln(u)vw}$	E	CDI	CDF	CDIF
15602	12721	3	$\frac{1}{\ln(u)vw}$	E	CDIF	CDF	CDI
15603	12722	1	$\ln(u)vw\pi$	E	CDI	CD	CDF
15604	12722	2	$\ln(u)vw\pi$	E	CDIF	CD	CD
15605	12722	3	$\ln(u)vw\pi$	E	CDIF	CDF	CDF
15606	12723	1	$\frac{1}{\ln(u)vw\pi}$	E	CDI	CD	CDIF
15607	12723	2	$\frac{1}{\ln(u)vw\pi}$	E	CDIF	CD	CDI
15608	12723	3	$\frac{1}{\ln(u)vw\pi}$	E	CDIF	CDF	CDIF
15609	12724	1	$(\ln(u))^2 v^2 w^2$	E	CDI	CD	AB
15610	12724	2	$(\ln(u))^2 v^2 w^2$	E	CDIF	CDF	AB
15611	12725	1	$\sqrt{\ln(u)vw}$	E	CDI	CD	R
15612	12725	2	$\sqrt{\ln(u)vw}$	E	CDIF	CDF	R
15613	12726	1	$(\ln(u))^3 v^3 w^3$	E	CDI	CD	K
15614	12726	2	$(\ln(u))^3 v^3 w^3$	E	CDIF	CDF	K
15615	12727	1	u^{vw}	E	CDI	CD	E
15616	12727	2	u^{vw}	E	CDIF	CDF	E

15617	12728	1	$\log (\ln (u) v w)$	E	CDI	CD	L
15618	12728	2	$\log (\ln (u) v w)$	E	CDIF	CDF	L
15619	12729	1	$\arcsin (\ln (u) v w)$	E	CDI	CD	S
15620	12729	2	$\arcsin (\ln (u) v w)$	E	CDIF	CDF	S
15621	12730	1	$\arctan (\ln (u) v w)$	E	CDI	CD	T
15622	12730	2	$\arctan (\ln (u) v w)$	E	CDIF	CDF	T
15623	12731	1	$\sqrt{1-(\ln (u))^2 v^2 w^2}$	E	CDI	CD	P
15624	12731	2	$\sqrt{1-(\ln (u))^2 v^2 w^2}$	E	CDIF	CDF	P
15625	12732	1	$\sqrt{1+(\ln (u))^2 v^2 w^2}$	E	CDI	CD	H
15626	12732	2	$\sqrt{1+(\ln (u))^2 v^2 w^2}$	E	CDIF	CDF	H
15627	12733	1	$\frac{\ln (u) v}{w}$	E	CDI	CDI	CD
15628	12733	2	$\frac{\ln (u) v}{w}$	E	CDI	CDIF	CDF
15629	12733	3	$\frac{\ln (u) v}{w}$	E	CDIF	CDIF	CD
15630	12734	1	$\frac{w}{\ln (u) v}$	E	CDI	CDI	CDI
15631	12734	2	$\frac{w}{\ln (u) v}$	E	CDI	CDIF	CDIF
15632	12734	3	$\frac{w}{\ln (u) v}$	E	CDIF	CDIF	CDI
15633	12735	1	$\frac{\ln (u) v \pi}{w}$	E	CDI	CDI	CDF
15634	12735	2	$\frac{\ln (u) v \pi}{w}$	E	CDIF	CDI	CD
15635	12735	3	$\frac{\ln (u) v \pi}{w}$	E	CDIF	CDIF	CDF

15636	12736	1	$\frac{w}{\ln(u) v \pi}$	E	CDI	CDI	CDIF
15637	12736	2	$\frac{w}{\ln(u) v \pi}$	E	CDIF	CDI	CDI
15638	12736	3	$\frac{w}{\ln(u) v \pi}$	E	CDIF	CDIF	CDIF
15639	12737	1	$\frac{(\ln(u))^2 v^2}{w^2}$	E	CDI	CDI	AB
15640	12737	2	$\frac{(\ln(u))^2 v^2}{w^2}$	E	CDIF	CDIF	AB
15641	12738	1	$\sqrt{\frac{\ln(u) v}{w}}$	E	CDI	CDI	R
15642	12738	2	$\sqrt{\frac{\ln(u) v}{w}}$	E	CDIF	CDIF	R
15643	12739	1	$\frac{(\ln(u))^3 v^3}{w^3}$	E	CDI	CDI	K
15644	12739	2	$\frac{(\ln(u))^3 v^3}{w^3}$	E	CDIF	CDIF	K
15645	12740	1	$u^{\frac{v}{w}}$	E	CDI	CDI	E
15646	12740	2	$u^{\frac{v}{w}}$	E	CDIF	CDIF	E
15647	12741	1	$\log\left(\frac{\ln(u) v}{w}\right)$	E	CDI	CDI	L
15648	12741	2	$\log\left(\frac{\ln(u) v}{w}\right)$	E	CDIF	CDIF	L
15649	12742	1	$\arcsin\left(\frac{\ln(u) v}{w}\right)$	E	CDI	CDI	S
15650	12742	2	$\arcsin\left(\frac{\ln(u) v}{w}\right)$	E	CDIF	CDIF	S
15651	12743	1	$\arctan\left(\frac{\ln(u) v}{w}\right)$	E	CDI	CDI	T
15652	12743	2	$\arctan\left(\frac{\ln(u) v}{w}\right)$	E	CDIF	CDIF	T
15653	12744	1	$\sqrt{\frac{w^2 - (\ln(u))^2 v^2}{w^2}}$	E	CDI	CDI	P

15654	12744	2	$\sqrt{\frac{w^2 - (\ln(u))^2 v^2}{w^2}}$	E	CDIF	CDIF	P
15655	12745	1	$\sqrt{\frac{w^2 + (\ln(u))^2 v^2}{w^2}}$	E	CDI	CDI	H
15656	12745	2	$\sqrt{\frac{w^2 + (\ln(u))^2 v^2}{w^2}}$	E	CDIF	CDIF	H
15657	12746	1	$\frac{\ln(u) vw}{\pi}$	E	CDI	CDF	CD
15658	12747	1	$\frac{\pi}{\ln(u) vw}$	E	CDI	CDF	CDI
15659	12748	1	$\frac{(\ln(u))^2 v^2 w^2}{\pi^2}$	E	CDI	CDF	AB
15660	12749	1	$\sqrt{\frac{\ln(u) vw}{\pi}}$	E	CDI	CDF	R
15661	12750	1	$\frac{(\ln(u))^3 v^3 w^3}{\pi^3}$	E	CDI	CDF	K
15662	12751	1	$u^{\frac{vw}{\pi}}$	E	CDI	CDF	E
15663	12752	1	$\log\left(\frac{\ln(u) vw}{\pi}\right)$	E	CDI	CDF	L
15664	12753	1	$\arcsin\left(\frac{\ln(u) vw}{\pi}\right)$	E	CDI	CDF	S
15665	12754	1	$\arctan\left(\frac{\ln(u) vw}{\pi}\right)$	E	CDI	CDF	T
15666	12755	1	$\sqrt{\frac{\pi^2 - (\ln(u))^2 v^2 w^2}{\pi^2}}$	E	CDI	CDF	P
15667	12756	1	$\sqrt{\frac{\pi^2 + (\ln(u))^2 v^2 w^2}{\pi^2}}$	E	CDI	CDF	H

15668	12757	1	$\frac{\ln(u) v}{w\pi}$	E	CDI	CDIF	CD
15669	12758	1	$\frac{w\pi}{\ln(u) v}$	E	CDI	CDIF	CDI
15670	12759	1	$\frac{(\ln(u))^2 v^2}{w^2 \pi^2}$	E	CDI	CDIF	AB
15671	12760	1	$\sqrt{\frac{\ln(u) v}{w\pi}}$	E	CDI	CDIF	R
15672	12761	1	$\frac{(\ln(u))^3 v^3}{w^3 \pi^3}$	E	CDI	CDIF	K
15673	12762	1	$u^{\frac{v}{w\pi}}$	E	CDI	CDIF	E
15674	12763	1	$\log\left(\frac{\ln(u) v}{w\pi}\right)$	E	CDI	CDIF	L
15675	12764	1	$\arcsin\left(\frac{\ln(u) v}{w\pi}\right)$	E	CDI	CDIF	S
15676	12765	1	$\arctan\left(\frac{\ln(u) v}{w\pi}\right)$	E	CDI	CDIF	T
15677	12766	1	$\sqrt{\frac{w^2 \pi^2 - (\ln(u))^2 v^2}{w^2 \pi^2}}$	E	CDI	CDIF	P
15678	12767	1	$\sqrt{\frac{w^2 \pi^2 + (\ln(u))^2 v^2}{w^2 \pi^2}}$	E	CDI	CDIF	H
15679	12768	1	$\ln(u) v \sqrt{w}$	E	CDI	AB	CD
15680	12769	1	$\frac{1}{\ln(u) v \sqrt{w}}$	E	CDI	AB	CDI
15681	12770	1	$\ln(u) v \sqrt{w\pi}$	E	CDI	AB	CDF
15682	12770	2	$\ln(u) v \sqrt{w\pi}$	E	CDIF	AB	CD

15683	12771	1	$\frac{1}{\ln(u) v \sqrt{w} \pi}$	E	CDI	AB	CDIF
15684	12771	2	$\frac{1}{\ln(u) v \sqrt{w} \pi}$	E	CDIF	AB	CDI
15685	12772	1	$(\ln(u))^2 v^2 w$	E	CDI	AB	AB
15686	12773	1	$\sqrt{\ln(u) v \sqrt{w}}$	E	CDI	AB	R
15687	12774	1	$(\ln(u))^3 v^3 w^{3/2}$	E	CDI	AB	K
15688	12775	1	$u^{v \sqrt{w}}$	E	CDI	AB	E
15689	12776	1	$\log(\ln(u) v \sqrt{w})$	E	CDI	AB	L
15690	12777	1	$\arcsin(\ln(u) v \sqrt{w})$	E	CDI	AB	S
15691	12778	1	$\arctan(\ln(u) v \sqrt{w})$	E	CDI	AB	T
15692	12779	1	$\sqrt{1 - (\ln(u))^2 v^2 w}$	E	CDI	AB	P
15693	12780	1	$\sqrt{1 + (\ln(u))^2 v^2 w}$	E	CDI	AB	H
15694	12781	1	$\ln(u) v w^2$	E	CDI	R	CD
15695	12782	1	$\frac{1}{\ln(u) v w^2}$	E	CDI	R	CDI
15696	12783	1	$\ln(u) v w^2 \pi$	E	CDI	R	CDF
15697	12783	2	$\ln(u) v w^2 \pi$	E	CDIF	R	CD
15698	12784	1	$\frac{1}{\ln(u) v w^2 \pi}$	E	CDI	R	CDIF
15699	12784	2	$\frac{1}{\ln(u) v w^2 \pi}$	E	CDIF	R	CDI

15700	12785	1	$(\ln(u))^2 v^2 w^4$	E	CDI	R	AB
15701	12786	1	$\sqrt{\ln(u) v w^2}$	E	CDI	R	R
15702	12787	1	$(\ln(u))^3 v^3 w^6$	E	CDI	R	K
15703	12788	1	$u^{v w^2}$	E	CDI	R	E
15704	12789	1	$\log(\ln(u) v w^2)$	E	CDI	R	L
15705	12790	1	$\arcsin(\ln(u) v w^2)$	E	CDI	R	S
15706	12791	1	$\arctan(\ln(u) v w^2)$	E	CDI	R	T
15707	12792	1	$\sqrt{1 - (\ln(u))^2 v^2 w^4}$	E	CDI	R	P
15708	12793	1	$\sqrt{1 + (\ln(u))^2 v^2 w^4}$	E	CDI	R	H
15709	12794	1	$\ln(u) v \sqrt[3]{w}$	E	CDI	K	CD
15710	12795	1	$\frac{1}{\ln(u) v \sqrt[3]{w}}$	E	CDI	K	CDI
15711	12796	1	$\ln(u) v \sqrt[3]{w \pi}$	E	CDI	K	CDF
15712	12796	2	$\ln(u) v \sqrt[3]{w \pi}$	E	CDIF	K	CD
15713	12797	1	$\frac{1}{\ln(u) v \sqrt[3]{w \pi}}$	E	CDI	K	CDIF
15714	12797	2	$\frac{1}{\ln(u) v \sqrt[3]{w \pi}}$	E	CDIF	K	CDI
15715	12798	1	$(\ln(u))^2 v^2 w^{2/3}$	E	CDI	K	AB
15716	12799	1	$\sqrt{\ln(u) v \sqrt[3]{w}}$	E	CDI	K	R

15717	12800	1	$(\ln(u))^3 v^3 w$	E	CDI	K	K
15718	12801	1	$u^v \sqrt[3]{w}$	E	CDI	K	E
15719	12802	1	$\log(\ln(u) v \sqrt[3]{w})$	E	CDI	K	L
15720	12803	1	$\arcsin(\ln(u) v \sqrt[3]{w})$	E	CDI	K	S
15721	12804	1	$\arctan(\ln(u) v \sqrt[3]{w})$	E	CDI	K	T
15722	12805	1	$\sqrt{1 - (\ln(u))^2 v^2 w^{2/3}}$	E	CDI	K	P
15723	12806	1	$\sqrt{1 + (\ln(u))^2 v^2 w^{2/3}}$	E	CDI	K	H
15724	12807	1	$\ln(u) v \ln(w)$	E	CDI	E	CD
15725	12808	1	$\frac{1}{\ln(u) v \ln(w)}$	E	CDI	E	CDI
15726	12809	1	$\ln(u) v \ln(w) \pi$	E	CDI	E	CDF
15727	12809	2	$\ln(u) v \ln(w) \pi$	E	CDIF	E	CD
15728	12810	1	$\frac{1}{\ln(u) v \ln(w) \pi}$	E	CDI	E	CDIF
15729	12810	2	$\frac{1}{\ln(u) v \ln(w) \pi}$	E	CDIF	E	CDI
15730	12811	1	$(\ln(u))^2 v^2 (\ln(w))^2$	E	CDI	E	AB
15731	12812	1	$\sqrt{\ln(u) v \ln(w)}$	E	CDI	E	R
15732	12813	1	$(\ln(u))^3 v^3 (\ln(w))^3$	E	CDI	E	K
15733	12814	1	$u^{v \ln(w)}$	E	CDI	E	E

15734	12815	1	$\log (\ln (u) v \ln (w))$	E	CDI	E	L
15735	12816	1	$\arcsin (\ln (u) v \ln (w))$	E	CDI	E	S
15736	12817	1	$\arctan (\ln (u) v \ln (w))$	E	CDI	E	T
15737	12818	1	$\sqrt{1-(\ln (u))^2 v^2 (\ln (w))^2}$	E	CDI	E	P
15738	12819	1	$\sqrt{1+(\ln (u))^2 v^2 (\ln (w))^2}$	E	CDI	E	H
15739	12820	1	$\ln (u) v \operatorname{Exp}(w)$	E	CDI	L	CD
15740	12821	1	$\frac{1}{\ln (u) v \operatorname{Exp}(w)}$	E	CDI	L	CDI
15741	12822	1	$\ln (u) v \operatorname{Exp}(w) \pi$	E	CDI	L	CDF
15742	12822	2	$\ln (u) v \operatorname{Exp}(w) \pi$	E	CDIF	L	CD
15743	12823	1	$\frac{1}{\ln (u) v \operatorname{Exp}(w) \pi}$	E	CDI	L	CDIF
15744	12823	2	$\frac{1}{\ln (u) v \operatorname{Exp}(w) \pi}$	E	CDIF	L	CDI
15745	12824	1	$(\ln (u))^2 v^2 (\operatorname{Exp}(w))^2$	E	CDI	L	AB
15746	12825	1	$\sqrt{\ln (u) v \operatorname{Exp}(w)}$	E	CDI	L	R
15747	12826	1	$(\ln (u))^3 v^3 (\operatorname{Exp}(w))^3$	E	CDI	L	K
15748	12827	1	$u^{v \operatorname{Exp}(w)}$	E	CDI	L	E
15749	12828	1	$\log (\ln (u) v \operatorname{Exp}(w))$	E	CDI	L	L
15750	12829	1	$\arcsin (\ln (u) v \operatorname{Exp}(w))$	E	CDI	L	S

15751	12830	1	$\arctan (\ln (u) v \operatorname{Exp}(w))$	E	CDI	L	T
15752	12831	1	$\sqrt{1-(\ln (u))^2 v^2 (\operatorname{Exp}(w))^2}$	E	CDI	L	P
15753	12832	1	$\sqrt{1+(\ln (u))^2 v^2 (\operatorname{Exp}(w))^2}$	E	CDI	L	H
15754	12833	1	$\ln (u) v \sin (w)$	E	CDI	S	CD
15755	12834	1	$\frac{1}{\ln (u) v \sin (w)}$	E	CDI	S	CDI
15756	12835	1	$\ln (u) v \sin (w) \pi$	E	CDI	S	CDF
15757	12835	2	$\ln (u) v \sin (w) \pi$	E	CDIF	S	CD
15758	12836	1	$\frac{1}{\ln (u) v \sin (w) \pi}$	E	CDI	S	CDIF
15759	12836	2	$\frac{1}{\ln (u) v \sin (w) \pi}$	E	CDIF	S	CDI
15760	12837	1	$(\ln (u))^2 v^2 (\sin (w))^2$	E	CDI	S	AB
15761	12838	1	$\sqrt{\ln (u) v \sin (w)}$	E	CDI	S	R
15762	12839	1	$(\ln (u))^3 v^3 (\sin (w))^3$	E	CDI	S	K
15763	12840	1	$u^{v \sin (w)}$	E	CDI	S	E
15764	12841	1	$\log (\ln (u) v \sin (w))$	E	CDI	S	L
15765	12842	1	$\arcsin (\ln (u) v \sin (w))$	E	CDI	S	S
15766	12843	1	$\arctan (\ln (u) v \sin (w))$	E	CDI	S	T
15767	12844	1	$\sqrt{1-(\ln (u))^2 v^2+(\ln (u))^2 v^2(\operatorname{coE}(w))^2}$	CDI	S	P	

15768	12845	1	$\sqrt{1 + (\ln(u))^2 v^2 - (\ln(u))^2 v^2 (\operatorname{coE}(w))^2}$	CDI	S	H	
15769	12846	1	$\ln(u) v \tan(w)$	E	CDI	T	CD
15770	12847	1	$\frac{1}{\ln(u) v \tan(w)}$	E	CDI	T	CDI
15771	12848	1	$\ln(u) v \tan(w) \pi$	E	CDI	T	CDF
15772	12848	2	$\ln(u) v \tan(w) \pi$	E	CDIF	T	CD
15773	12849	1	$\frac{1}{\ln(u) v \tan(w) \pi}$	E	CDI	T	CDIF
15774	12849	2	$\frac{1}{\ln(u) v \tan(w) \pi}$	E	CDIF	T	CDI
15775	12850	1	$(\ln(u))^2 v^2 (\tan(w))^2$	E	CDI	T	AB
15776	12851	1	$\sqrt{\ln(u) v \tan(w)}$	E	CDI	T	R
15777	12852	1	$(\ln(u))^3 v^3 (\tan(w))^3$	E	CDI	T	K
15778	12853	1	$u^{v \tan(w)}$	E	CDI	T	E
15779	12854	1	$\log(\ln(u) v \tan(w))$	E	CDI	T	L
15780	12855	1	$\arcsin(\ln(u) v \tan(w))$	E	CDI	T	S
15781	12856	1	$\arctan(\ln(u) v \tan(w))$	E	CDI	T	T
15782	12857	1	$\sqrt{1 - (\ln(u))^2 v^2 (\tan(w))^2}$	E	CDI	T	P
15783	12858	1	$\sqrt{1 + (\ln(u))^2 v^2 (\tan(w))^2}$	E	CDI	T	H
15784	12859	1	$\ln(u) v \sqrt{1 - w^2}$	E	CDI	P	CD

15785	12860	1	$\frac{1}{\ln(u) v \sqrt{1-w^2}}$	E	CDI	P	CDI
15786	12861	1	$\ln(u) v \sqrt{1-w^2} \pi$	E	CDI	P	CDF
15787	12861	2	$\ln(u) v \sqrt{1-w^2} \pi$	E	CDIF	P	CD
15788	12862	1	$\frac{1}{\ln(u) v \sqrt{1-w^2} \pi}$	E	CDI	P	CDIF
15789	12862	2	$\frac{1}{\ln(u) v \sqrt{1-w^2} \pi}$	E	CDIF	P	CDI
15790	12863	1	$-(\ln(u))^2 v^2 (-1+w^2)$	E	CDI	P	AB
15791	12864	1	$\sqrt{\ln(u) v \sqrt{1-w^2}}$	E	CDI	P	R
15792	12865	1	$(\ln(u))^3 v^3 (1-w^2)^{3/2}$	E	CDI	P	K
15793	12866	1	$u^{v \sqrt{1-w^2}}$	E	CDI	P	E
15794	12867	1	$\log(\ln(u) v \sqrt{1-w^2})$	E	CDI	P	L
15795	12868	1	$\arcsin(\ln(u) v \sqrt{1-w^2})$	E	CDI	P	S
15796	12869	1	$\arctan(\ln(u) v \sqrt{1-w^2})$	E	CDI	P	T
15797	12870	1	$\sqrt{1 - (\ln(u))^2 v^2 + (\ln(u))^2 v^2 w^2}$	E	CDI	P	P
15798	12870	2	$\sqrt{1 - (\ln(u))^2 v^2 + (\ln(u))^2 v^2 w^2}$	E	CDI	H	H
15799	12871	1	$\sqrt{1 + (\ln(u))^2 v^2 - (\ln(u))^2 v^2 w^2}$	E	CDI	P	H
15800	12871	2	$\sqrt{1 + (\ln(u))^2 v^2 - (\ln(u))^2 v^2 w^2}$	E	CDI	H	P
15801	12872	1	$\ln(u) v \sqrt{-1+w^2}$	E	CDI	H	CD

15802	12873	1	$\frac{1}{\ln(u) v \sqrt{-1+w^2}}$	E	CDI	H	CDI
15803	12874	1	$\ln(u) v \sqrt{-1+w^2} \pi$	E	CDI	H	CDF
15804	12874	2	$\ln(u) v \sqrt{-1+w^2} \pi$	E	CDIF	H	CD
15805	12875	1	$\frac{1}{\ln(u) v \sqrt{-1+w^2} \pi}$	E	CDI	H	CDIF
15806	12875	2	$\frac{1}{\ln(u) v \sqrt{-1+w^2} \pi}$	E	CDIF	H	CDI
15807	12876	1	$(\ln(u))^2 v^2 (-1+w^2)$	E	CDI	H	AB
15808	12877	1	$\sqrt{\ln(u) v \sqrt{-1+w^2}}$	E	CDI	H	R
15809	12878	1	$(\ln(u))^3 v^3 (-1+w^2)^{3/2}$	E	CDI	H	K
15810	12879	1	$u^{v \sqrt{-1+w^2}}$	E	CDI	H	E
15811	12880	1	$\log(\ln(u) v \sqrt{-1+w^2})$	E	CDI	H	L
15812	12881	1	$\arcsin(\ln(u) v \sqrt{-1+w^2})$	E	CDI	H	S
15813	12882	1	$\arctan(\ln(u) v \sqrt{-1+w^2})$	E	CDI	H	T
15814	12883	1	$\frac{\ln(u) w \pi^2}{v}$	E	CDF	CD	CDF
15815	12884	1	$\frac{v}{\ln(u) w \pi^2}$	E	CDF	CD	CDIF
15816	12885	1	$\frac{(\ln(u))^2 w^2 \pi^2}{v^2}$	E	CDF	CD	AB
15817	12886	1	$\sqrt{\frac{\ln(u) w \pi}{v}}$	E	CDF	CD	R

15818	12887	1	$\frac{(\ln(u))^3 w^3 \pi^3}{v^3}$	E	CDF	CD	K
15819	12888	1	$u^{\frac{w\pi}{v}}$	E	CDF	CD	E
15820	12889	1	$\log\left(\frac{\ln(u) w \pi}{v}\right)$	E	CDF	CD	L
15821	12890	1	$\arcsin\left(\frac{\ln(u) w \pi}{v}\right)$	E	CDF	CD	S
15822	12891	1	$\arctan\left(\frac{\ln(u) w \pi}{v}\right)$	E	CDF	CD	T
15823	12892	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	CD	P
15824	12893	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	CD	H
15825	12894	1	$\frac{\ln(u) \pi^2}{vw}$	E	CDF	CDI	CDF
15826	12895	1	$\frac{vw}{\ln(u) \pi^2}$	E	CDF	CDI	CDIF
15827	12896	1	$\frac{(\ln(u))^2 \pi^2}{v^2 w^2}$	E	CDF	CDI	AB
15828	12897	1	$\sqrt{\frac{\ln(u) \pi}{vw}}$	E	CDF	CDI	R
15829	12898	1	$\frac{(\ln(u))^3 \pi^3}{v^3 w^3}$	E	CDF	CDI	K
15830	12899	1	$u^{\frac{\pi}{vw}}$	E	CDF	CDI	E
15831	12900	1	$\log\left(\frac{\ln(u) \pi}{vw}\right)$	E	CDF	CDI	L
15832	12901	1	$\arcsin\left(\frac{\ln(u) \pi}{vw}\right)$	E	CDF	CDI	S

15833	12902	1	$\arctan\left(\frac{\ln(u)\pi}{vw}\right)$	E	CDF	CDI	T
15834	12903	1	$\sqrt{-\frac{v^2w^2 + (\ln(u))^2\pi^2}{v^2w^2}}$	E	CDF	CDI	P
15835	12904	1	$\sqrt{\frac{v^2w^2 + (\ln(u))^2\pi^2}{v^2w^2}}$	E	CDF	CDI	H
15836	12905	1	$\frac{\ln(u)\sqrt{w}\pi^2}{v}$	E	CDF	AB	CDF
15837	12906	1	$\frac{v}{\ln(u)\sqrt{w}\pi^2}$	E	CDF	AB	CDIF
15838	12907	1	$\frac{(\ln(u))^2w\pi^2}{v^2}$	E	CDF	AB	AB
15839	12908	1	$\sqrt{\frac{\ln(u)\sqrt{w}\pi}{v}}$	E	CDF	AB	R
15840	12909	1	$\frac{(\ln(u))^3w^{3/2}\pi^3}{v^3}$	E	CDF	AB	K
15841	12910	1	$u\frac{\sqrt{w}\pi}{v}$	E	CDF	AB	E
15842	12911	1	$\log\left(\frac{\ln(u)\sqrt{w}\pi}{v}\right)$	E	CDF	AB	L
15843	12912	1	$\arcsin\left(\frac{\ln(u)\sqrt{w}\pi}{v}\right)$	E	CDF	AB	S
15844	12913	1	$\arctan\left(\frac{\ln(u)\sqrt{w}\pi}{v}\right)$	E	CDF	AB	T
15845	12914	1	$\sqrt{-\frac{v^2 + (\ln(u))^2w\pi^2}{v^2}}$	E	CDF	AB	P
15846	12915	1	$\sqrt{\frac{v^2 + (\ln(u))^2w\pi^2}{v^2}}$	E	CDF	AB	H

15847	12916	1	$\frac{\ln(u) w^2 \pi^2}{v}$	E	CDF	R	CDF
15848	12917	1	$\frac{v}{\ln(u) w^2 \pi^2}$	E	CDF	R	CDIF
15849	12918	1	$\frac{(\ln(u))^2 w^4 \pi^2}{v^2}$	E	CDF	R	AB
15850	12919	1	$\sqrt{\frac{\ln(u) w^2 \pi}{v}}$	E	CDF	R	R
15851	12920	1	$\frac{(\ln(u))^3 w^6 \pi^3}{v^3}$	E	CDF	R	K
15852	12921	1	$u^{\frac{w^2 \pi}{v}}$	E	CDF	R	E
15853	12922	1	$\log\left(\frac{\ln(u) w^2 \pi}{v}\right)$	E	CDF	R	L
15854	12923	1	$\arcsin\left(\frac{\ln(u) w^2 \pi}{v}\right)$	E	CDF	R	S
15855	12924	1	$\arctan\left(\frac{\ln(u) w^2 \pi}{v}\right)$	E	CDF	R	T
15856	12925	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^4 \pi^2}{v^2}}$	E	CDF	R	P
15857	12926	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^4 \pi^2}{v^2}}$	E	CDF	R	H
15858	12927	1	$\frac{\ln(u) \sqrt[3]{w} \pi^2}{v}$	E	CDF	K	CDF
15859	12928	1	$\frac{v}{\ln(u) \sqrt[3]{w} \pi^2}$	E	CDF	K	CDIF
15860	12929	1	$\frac{(\ln(u))^2 w^{2/3} \pi^2}{v^2}$	E	CDF	K	AB

15861	12930	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w\pi}}{v}}$	E	CDF	K	R
15862	12931	1	$\frac{(\ln(u))^3 w \pi^3}{v^3}$	E	CDF	K	K
15863	12932	1	$u^{\frac{\sqrt[3]{w\pi}}{v}}$	E	CDF	K	E
15864	12933	1	$\log\left(\frac{\ln(u) \sqrt[3]{w\pi}}{v}\right)$	E	CDF	K	L
15865	12934	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w\pi}}{v}\right)$	E	CDF	K	S
15866	12935	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w\pi}}{v}\right)$	E	CDF	K	T
15867	12936	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 w^{2/3} \pi^2}{v^2}}$	E	CDF	K	P
15868	12937	1	$\sqrt{\frac{v^2 + (\ln(u))^2 w^{2/3} \pi^2}{v^2}}$	E	CDF	K	H
15869	12938	1	$\frac{\ln(u) \ln(w) \pi^2}{v}$	E	CDF	E	CDF
15870	12939	1	$\frac{v}{\ln(u) \ln(w) \pi^2}$	E	CDF	E	CDIF
15871	12940	1	$\frac{(\ln(u))^2 (\ln(w))^2 \pi^2}{v^2}$	E	CDF	E	AB
15872	12941	1	$\sqrt{\frac{\ln(u) \ln(w) \pi}{v}}$	E	CDF	E	R
15873	12942	1	$\frac{(\ln(u))^3 (\ln(w))^3 \pi^3}{v^3}$	E	CDF	E	K
15874	12943	1	$u^{\frac{\ln(w) \pi}{v}}$	E	CDF	E	E
15875	12944	1	$\log\left(\frac{\ln(u) \ln(w) \pi}{v}\right)$	E	CDF	E	L

15876	12945	1	$\arcsin\left(\frac{\ln(u)\ln(w)\pi}{v}\right)$	E	CDF	E	S
15877	12946	1	$\arctan\left(\frac{\ln(u)\ln(w)\pi}{v}\right)$	E	CDF	E	T
15878	12947	1	$\sqrt{-\frac{-v^2+(\ln(u))^2(\ln(w))^2\pi^2}{v^2}}$	E	CDF	E	P
15879	12948	1	$\sqrt{\frac{v^2+(\ln(u))^2(\ln(w))^2\pi^2}{v^2}}$	E	CDF	E	H
15880	12949	1	$\frac{\ln(u)\operatorname{Exp}(w)\pi^2}{v}$	E	CDF	L	CDF
15881	12950	1	$\frac{v}{\ln(u)\operatorname{Exp}(w)\pi^2}$	E	CDF	L	CDIF
15882	12951	1	$\frac{(\ln(u))^2(\operatorname{Exp}(w))^2\pi^2}{v^2}$	E	CDF	L	AB
15883	12952	1	$\sqrt{\frac{\ln(u)\operatorname{Exp}(w)\pi}{v}}$	E	CDF	L	R
15884	12953	1	$\frac{(\ln(u))^3(\operatorname{Exp}(w))^3\pi^3}{v^3}$	E	CDF	L	K
15885	12954	1	$u\frac{\operatorname{Exp}(w)\pi}{v}$	E	CDF	L	E
15886	12955	1	$\log\left(\frac{\ln(u)\operatorname{Exp}(w)\pi}{v}\right)$	E	CDF	L	L
15887	12956	1	$\arcsin\left(\frac{\ln(u)\operatorname{Exp}(w)\pi}{v}\right)$	E	CDF	L	S
15888	12957	1	$\arctan\left(\frac{\ln(u)\operatorname{Exp}(w)\pi}{v}\right)$	E	CDF	L	T
15889	12958	1	$\sqrt{-\frac{-v^2+(\ln(u))^2(\operatorname{Exp}(w))^2\pi^2}{v^2}}$	E	CDF	L	P

15890	12959	1	$\sqrt{\frac{v^2 + (\ln(u))^2 (\text{Exp}(w))^2 \pi^2}{v^2}}$	E	CDF	L	H
15891	12960	1	$\frac{\ln(u) \sin(w) \pi^2}{v}$	E	CDF	S	CDF
15892	12961	1	$\frac{v}{\ln(u) \sin(w) \pi^2}$	E	CDF	S	CDIF
15893	12962	1	$\frac{(\ln(u))^2 (\sin(w))^2 \pi^2}{v^2}$	E	CDF	S	AB
15894	12963	1	$\sqrt{\frac{\ln(u) \sin(w) \pi}{v}}$	E	CDF	S	R
15895	12964	1	$\frac{(\ln(u))^3 (\sin(w))^3 \pi^3}{v^3}$	E	CDF	S	K
15896	12965	1	$u^{\frac{\sin(w) \pi}{v}}$	E	CDF	S	E
15897	12966	1	$\log\left(\frac{\ln(u) \sin(w) \pi}{v}\right)$	E	CDF	S	L
15898	12967	1	$\arcsin\left(\frac{\ln(u) \sin(w) \pi}{v}\right)$	E	CDF	S	S
15899	12968	1	$\arctan\left(\frac{\ln(u) \sin(w) \pi}{v}\right)$	E	CDF	S	T
15900	12969	1	$\sqrt{\frac{v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 \pi^2 (\cos(w))^2}{v^2}}$	E	CDF	S	P
15901	12970	1	$\sqrt{-\frac{v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 \pi^2 (\cos(w))^2}{v^2}}$	E	CDF	S	H
15902	12971	1	$\frac{\ln(u) \tan(w) \pi^2}{v}$	E	CDF	T	CDF
15903	12972	1	$\frac{v}{\ln(u) \tan(w) \pi^2}$	E	CDF	T	CDIF
15904	12973	1	$\frac{(\ln(u))^2 (\tan(w))^2 \pi^2}{v^2}$	E	CDF	T	AB

15905	12974	1	$\sqrt{\frac{\ln(u) \tan(w) \pi}{v}}$	E	CDF	T	R
15906	12975	1	$\frac{(\ln(u))^3 (\tan(w))^3 \pi^3}{v^3}$	E	CDF	T	K
15907	12976	1	$u^{\frac{\tan(w) \pi}{v}}$	E	CDF	T	E
15908	12977	1	$\log\left(\frac{\ln(u) \tan(w) \pi}{v}\right)$	E	CDF	T	L
15909	12978	1	$\arcsin\left(\frac{\ln(u) \tan(w) \pi}{v}\right)$	E	CDF	T	S
15910	12979	1	$\arctan\left(\frac{\ln(u) \tan(w) \pi}{v}\right)$	E	CDF	T	T
15911	12980	1	$\sqrt{-\frac{v^2 + (\ln(u))^2 (\tan(w))^2 \pi^2}{v^2}}$	E	CDF	T	P
15912	12981	1	$\sqrt{\frac{v^2 + (\ln(u))^2 (\tan(w))^2 \pi^2}{v^2}}$	E	CDF	T	H
15913	12982	1	$\frac{\ln(u) \sqrt{1-w^2} \pi^2}{v}$	E	CDF	P	CDF
15914	12983	1	$\frac{v}{\ln(u) \sqrt{1-w^2} \pi^2}$	E	CDF	P	CDIF
15915	12984	1	$-\frac{(\ln(u))^2 \pi^2 (-1+w^2)}{v^2}$	E	CDF	P	AB
15916	12985	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2} \pi}{v}}$	E	CDF	P	R
15917	12986	1	$\frac{(\ln(u))^3 \pi^3 (1-w^2)^{3/2}}{v^3}$	E	CDF	P	K
15918	12987	1	$u^{\frac{\sqrt{1-w^2} \pi}{v}}$	E	CDF	P	E

15919	12988	1	$\log \left(\frac{\ln(u) \sqrt{1-w^2\pi}}{v} \right)$	E	CDF	P	L
15920	12989	1	$\arcsin \left(\frac{\ln(u) \sqrt{1-w^2\pi}}{v} \right)$	E	CDF	P	S
15921	12990	1	$\arctan \left(\frac{\ln(u) \sqrt{1-w^2\pi}}{v} \right)$	E	CDF	P	T
15922	12991	1	$\sqrt{\frac{v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	P	P
15923	12991	2	$\sqrt{\frac{v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	H	H
15924	12992	1	$\sqrt{-\frac{-v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	P	H
15925	12992	2	$\sqrt{-\frac{-v^2 - (\ln(u))^2 \pi^2 + (\ln(u))^2 w^2 \pi^2}{v^2}}$	E	CDF	H	P
15926	12993	1	$\frac{\ln(u) \sqrt{-1+w^2\pi}}{v}$	E	CDF	H	CDF
15927	12994	1	$\frac{v}{\ln(u) \sqrt{-1+w^2\pi}}$	E	CDF	H	CDIF
15928	12995	1	$\frac{(\ln(u))^2 \pi^2 (-1+w^2)}{v^2}$	E	CDF	H	AB
15929	12996	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2\pi}}{v}}$	E	CDF	H	R
15930	12997	1	$\frac{(\ln(u))^3 \pi^3 (-1+w^2)^{3/2}}{v^3}$	E	CDF	H	K
15931	12998	1	$u^{\frac{\sqrt{-1+w^2\pi}}{v}}$	E	CDF	H	E
15932	12999	1	$\log \left(\frac{\ln(u) \sqrt{-1+w^2\pi}}{v} \right)$	E	CDF	H	L

15933	13000	1	$\arcsin\left(\frac{\ln(u)\sqrt{-1+w^2\pi}}{v}\right)$	E	CDF	H	S
15934	13001	1	$\arctan\left(\frac{\ln(u)\sqrt{-1+w^2\pi}}{v}\right)$	E	CDF	H	T
15935	13002	1	$\ln(u)vw\pi^2$	E	CDIF	CD	CDF
15936	13003	1	$\frac{1}{\ln(u)vw\pi^2}$	E	CDIF	CD	CDIF
15937	13004	1	$(\ln(u))^2v^2w^2\pi^2$	E	CDIF	CD	AB
15938	13005	1	$\sqrt{\ln(u)vw\pi}$	E	CDIF	CD	R
15939	13006	1	$(\ln(u))^3v^3w^3\pi^3$	E	CDIF	CD	K
15940	13007	1	$u^{vw\pi}$	E	CDIF	CD	E
15941	13008	1	$\log(\ln(u)vw\pi)$	E	CDIF	CD	L
15942	13009	1	$\arcsin(\ln(u)vw\pi)$	E	CDIF	CD	S
15943	13010	1	$\arctan(\ln(u)vw\pi)$	E	CDIF	CD	T
15944	13011	1	$\sqrt{1-(\ln(u))^2v^2w^2\pi^2}$	E	CDIF	CD	P
15945	13012	1	$\sqrt{1+(\ln(u))^2v^2w^2\pi^2}$	E	CDIF	CD	H
15946	13013	1	$\frac{\ln(u)v\pi^2}{w}$	E	CDIF	CDI	CDF
15947	13014	1	$\frac{w}{\ln(u)v\pi^2}$	E	CDIF	CDI	CDIF

15948	13015	1	$\frac{(\ln(u))^2 v^2 \pi^2}{w^2}$	E	CDIF	CDI	AB
15949	13016	1	$\sqrt{\frac{\ln(u) v \pi}{w}}$	E	CDIF	CDI	R
15950	13017	1	$\frac{(\ln(u))^3 v^3 \pi^3}{w^3}$	E	CDIF	CDI	K
15951	13018	1	$u^{\frac{v\pi}{w}}$	E	CDIF	CDI	E
15952	13019	1	$\log\left(\frac{\ln(u) v \pi}{w}\right)$	E	CDIF	CDI	L
15953	13020	1	$\arcsin\left(\frac{\ln(u) v \pi}{w}\right)$	E	CDIF	CDI	S
15954	13021	1	$\arctan\left(\frac{\ln(u) v \pi}{w}\right)$	E	CDIF	CDI	T
15955	13022	1	$\sqrt{-\frac{w^2 + (\ln(u))^2 v^2 \pi^2}{w^2}}$	E	CDIF	CDI	P
15956	13023	1	$\sqrt{\frac{w^2 + (\ln(u))^2 v^2 \pi^2}{w^2}}$	E	CDIF	CDI	H
15957	13024	1	$\ln(u) v \sqrt{w} \pi^2$	E	CDIF	AB	CDF
15958	13025	1	$\frac{1}{\ln(u) v \sqrt{w} \pi^2}$	E	CDIF	AB	CDIF
15959	13026	1	$(\ln(u))^2 v^2 w \pi^2$	E	CDIF	AB	AB
15960	13027	1	$\sqrt{\ln(u) v \sqrt{w} \pi}$	E	CDIF	AB	R
15961	13028	1	$(\ln(u))^3 v^3 w^{3/2} \pi^3$	E	CDIF	AB	K
15962	13029	1	$u^{v \sqrt{w} \pi}$	E	CDIF	AB	E

15963	13030	1	$\log (\ln (u) v \sqrt{w} \pi)$	E	CDIF	AB	L
15964	13031	1	$\arcsin (\ln (u) v \sqrt{w} \pi)$	E	CDIF	AB	S
15965	13032	1	$\arctan (\ln (u) v \sqrt{w} \pi)$	E	CDIF	AB	T
15966	13033	1	$\sqrt{1-(\ln (u))^2 v^2 w \pi^2}$	E	CDIF	AB	P
15967	13034	1	$\sqrt{1+(\ln (u))^2 v^2 w \pi^2}$	E	CDIF	AB	H
15968	13035	1	$\ln (u) v w^2 \pi^2$	E	CDIF	R	CDF
15969	13036	1	$\frac{1}{\ln (u) v w^2 \pi^2}$	E	CDIF	R	CDIF
15970	13037	1	$(\ln (u))^2 v^2 w^4 \pi^2$	E	CDIF	R	AB
15971	13038	1	$\sqrt{\ln (u) v w^2 \pi}$	E	CDIF	R	R
15972	13039	1	$(\ln (u))^3 v^3 w^6 \pi^3$	E	CDIF	R	K
15973	13040	1	$u^{v w^2 \pi}$	E	CDIF	R	E
15974	13041	1	$\log (\ln (u) v w^2 \pi)$	E	CDIF	R	L
15975	13042	1	$\arcsin (\ln (u) v w^2 \pi)$	E	CDIF	R	S
15976	13043	1	$\arctan (\ln (u) v w^2 \pi)$	E	CDIF	R	T
15977	13044	1	$\sqrt{1-(\ln (u))^2 v^2 w^4 \pi^2}$	E	CDIF	R	P
15978	13045	1	$\sqrt{1+(\ln (u))^2 v^2 w^4 \pi^2}$	E	CDIF	R	H

15979	13046	1	$\ln(u) v \sqrt[3]{w} \pi^2$	E	CDIF	K	CDF
15980	13047	1	$\frac{1}{\ln(u) v \sqrt[3]{w} \pi^2}$	E	CDIF	K	CDIF
15981	13048	1	$(\ln(u))^2 v^2 w^{2/3} \pi^2$	E	CDIF	K	AB
15982	13049	1	$\sqrt{\ln(u) v \sqrt[3]{w} \pi}$	E	CDIF	K	R
15983	13050	1	$(\ln(u))^3 v^3 w \pi^3$	E	CDIF	K	K
15984	13051	1	$u v \sqrt[3]{w} \pi$	E	CDIF	K	E
15985	13052	1	$\log(\ln(u) v \sqrt[3]{w} \pi)$	E	CDIF	K	L
15986	13053	1	$\arcsin(\ln(u) v \sqrt[3]{w} \pi)$	E	CDIF	K	S
15987	13054	1	$\arctan(\ln(u) v \sqrt[3]{w} \pi)$	E	CDIF	K	T
15988	13055	1	$\sqrt{1 - (\ln(u))^2 v^2 w^{2/3} \pi^2}$	E	CDIF	K	P
15989	13056	1	$\sqrt{1 + (\ln(u))^2 v^2 w^{2/3} \pi^2}$	E	CDIF	K	H
15990	13057	1	$\ln(u) v \ln(w) \pi^2$	E	CDIF	E	CDF
15991	13058	1	$\frac{1}{\ln(u) v \ln(w) \pi^2}$	E	CDIF	E	CDIF
15992	13059	1	$(\ln(u))^2 v^2 (\ln(w))^2 \pi^2$	E	CDIF	E	AB
15993	13060	1	$\sqrt{\ln(u) v \ln(w) \pi}$	E	CDIF	E	R
15994	13061	1	$(\ln(u))^3 v^3 (\ln(w))^3 \pi^3$	E	CDIF	E	K

15995	13062	1	$u^{v \ln(w) \pi}$	E	CDIF	E	E
15996	13063	1	$\log(\ln(u) v \ln(w) \pi)$	E	CDIF	E	L
15997	13064	1	$\arcsin(\ln(u) v \ln(w) \pi)$	E	CDIF	E	S
15998	13065	1	$\arctan(\ln(u) v \ln(w) \pi)$	E	CDIF	E	T
15999	13066	1	$\sqrt{1 - (\ln(u))^2 v^2 (\ln(w))^2 \pi^2}$	E	CDIF	E	P
16000	13067	1	$\sqrt{1 + (\ln(u))^2 v^2 (\ln(w))^2 \pi^2}$	E	CDIF	E	H
16001	13068	1	$\ln(u) v \exp(w) \pi^2$	E	CDIF	L	CDF
16002	13069	1	$\frac{1}{\ln(u) v \exp(w) \pi^2}$	E	CDIF	L	CDIF
16003	13070	1	$(\ln(u))^2 v^2 (\exp(w))^2 \pi^2$	E	CDIF	L	AB
16004	13071	1	$\sqrt{\ln(u) v \exp(w) \pi}$	E	CDIF	L	R
16005	13072	1	$(\ln(u))^3 v^3 (\exp(w))^3 \pi^3$	E	CDIF	L	K
16006	13073	1	$u^{v \exp(w) \pi}$	E	CDIF	L	E
16007	13074	1	$\log(\ln(u) v \exp(w) \pi)$	E	CDIF	L	L
16008	13075	1	$\arcsin(\ln(u) v \exp(w) \pi)$	E	CDIF	L	S
16009	13076	1	$\arctan(\ln(u) v \exp(w) \pi)$	E	CDIF	L	T
16010	13077	1	$\sqrt{1 - (\ln(u))^2 v^2 (\exp(w))^2 \pi^2}$	E	CDIF	L	P

16011	13078	1	$\sqrt{1 + (\ln(u))^2 v^2 (\text{Exp}(w))^2 \pi^2}$	E	CDIF	L	H
16012	13079	1	$\ln(u) v \sin(w) \pi^2$	E	CDIF	S	CDF
16013	13080	1	$\frac{1}{\ln(u) v \sin(w) \pi^2}$	E	CDIF	S	CDIF
16014	13081	1	$(\ln(u))^2 v^2 (\sin(w))^2 \pi^2$	E	CDIF	S	AB
16015	13082	1	$\sqrt{\ln(u) v \sin(w) \pi}$	E	CDIF	S	R
16016	13083	1	$(\ln(u))^3 v^3 (\sin(w))^3 \pi^3$	E	CDIF	S	K
16017	13084	1	$u^{v \sin(w) \pi}$	E	CDIF	S	E
16018	13085	1	$\log(\ln(u) v \sin(w) \pi)$	E	CDIF	S	L
16019	13086	1	$\arcsin(\ln(u) v \sin(w) \pi)$	E	CDIF	S	S
16020	13087	1	$\arctan(\ln(u) v \sin(w) \pi)$	E	CDIF	S	T
16021	13088	1	$\sqrt{1 - (\ln(u))^2 v^2 \pi^2 + (\ln(u))^2 v^2 \pi^2 \cos(w) \pi^2}$	E	CDIF	S	P
16022	13089	1	$\sqrt{1 + (\ln(u))^2 v^2 \pi^2 - (\ln(u))^2 v^2 \pi^2 \cos(w) \pi^2}$	E	CDIF	S	H
16023	13090	1	$\ln(u) v \tan(w) \pi^2$	E	CDIF	T	CDF
16024	13091	1	$\frac{1}{\ln(u) v \tan(w) \pi^2}$	E	CDIF	T	CDIF
16025	13092	1	$(\ln(u))^2 v^2 (\tan(w))^2 \pi^2$	E	CDIF	T	AB
16026	13093	1	$\sqrt{\ln(u) v \tan(w) \pi}$	E	CDIF	T	R

16027	13094	1	$(\ln(u))^3 v^3 (\tan(w))^3 \pi^3$	E	CDIF	T	K
16028	13095	1	$u^{v \tan(w) \pi}$	E	CDIF	T	E
16029	13096	1	$\log(\ln(u) v \tan(w) \pi)$	E	CDIF	T	L
16030	13097	1	$\arcsin(\ln(u) v \tan(w) \pi)$	E	CDIF	T	S
16031	13098	1	$\arctan(\ln(u) v \tan(w) \pi)$	E	CDIF	T	T
16032	13099	1	$\sqrt{1 - (\ln(u))^2 v^2 (\tan(w))^2 \pi^2}$	E	CDIF	T	P
16033	13100	1	$\sqrt{1 + (\ln(u))^2 v^2 (\tan(w))^2 \pi^2}$	E	CDIF	T	H
16034	13101	1	$\ln(u) v \sqrt{1 - w^2 \pi^2}$	E	CDIF	P	CDF
16035	13102	1	$\frac{1}{\ln(u) v \sqrt{1 - w^2 \pi^2}}$	E	CDIF	P	CDIF
16036	13103	1	$-(\ln(u))^2 v^2 \pi^2 (-1 + w^2)$	E	CDIF	P	AB
16037	13104	1	$\sqrt{\ln(u) v \sqrt{1 - w^2 \pi^2}}$	E	CDIF	P	R
16038	13105	1	$(\ln(u))^3 v^3 \pi^3 (1 - w^2)^{3/2}$	E	CDIF	P	K
16039	13106	1	$u^{v \sqrt{1 - w^2} \pi}$	E	CDIF	P	E
16040	13107	1	$\log(\ln(u) v \sqrt{1 - w^2 \pi^2})$	E	CDIF	P	L
16041	13108	1	$\arcsin(\ln(u) v \sqrt{1 - w^2 \pi^2})$	E	CDIF	P	S
16042	13109	1	$\arctan(\ln(u) v \sqrt{1 - w^2 \pi^2})$	E	CDIF	P	T

16043	13110	1	$\sqrt{1 - (\ln(u))^2 v^2 \pi^2 + (\ln(u))^2 v^2 w^2 \pi^2}$	E	CDIF	P	P
16044	13110	2	$\sqrt{1 - (\ln(u))^2 v^2 \pi^2 + (\ln(u))^2 v^2 w^2 \pi^2}$	E	CDIF	H	H
16045	13111	1	$\sqrt{1 + (\ln(u))^2 v^2 \pi^2 - (\ln(u))^2 v^2 w^2 \pi^2}$	E	CDIF	P	H
16046	13111	2	$\sqrt{1 + (\ln(u))^2 v^2 \pi^2 - (\ln(u))^2 v^2 w^2 \pi^2}$	E	CDIF	H	P
16047	13112	1	$\ln(u) v \sqrt{-1 + w^2 \pi^2}$	E	CDIF	H	CDF
16048	13113	1	$\frac{1}{\ln(u) v \sqrt{-1 + w^2 \pi^2}}$	E	CDIF	H	CDIF
16049	13114	1	$(\ln(u))^2 v^2 \pi^2 (-1 + w^2)$	E	CDIF	H	AB
16050	13115	1	$\sqrt{\ln(u) v \sqrt{-1 + w^2 \pi^2}}$	E	CDIF	H	R
16051	13116	1	$(\ln(u))^3 v^3 \pi^3 (-1 + w^2)^{3/2}$	E	CDIF	H	K
16052	13117	1	$u^{v \sqrt{-1 + w^2 \pi^2}}$	E	CDIF	H	E
16053	13118	1	$\log(\ln(u) v \sqrt{-1 + w^2 \pi^2})$	E	CDIF	H	L
16054	13119	1	$\arcsin(\ln(u) v \sqrt{-1 + w^2 \pi^2})$	E	CDIF	H	S
16055	13120	1	$\arctan(\ln(u) v \sqrt{-1 + w^2 \pi^2})$	E	CDIF	H	T
16056	13121	1	$\frac{\ln(u) w}{\sqrt{v}}$	E	AB	CD	CD
16057	13121	2	$\frac{\ln(u) w}{\sqrt{v}}$	E	AB	CDF	CDF
16058	13122	1	$\frac{\sqrt{v}}{\ln(u) w}$	E	AB	CD	CDI
16059	13122	2	$\frac{\sqrt{v}}{\ln(u) w}$	E	AB	CDF	CDIF

16060	13123	1	$\frac{\ln(u) w \pi}{\sqrt{v}}$	E	AB	CD	CDF
16061	13124	1	$\frac{\sqrt{v}}{\ln(u) w \pi}$	E	AB	CD	CDIF
16062	13125	1	$\frac{(\ln(u))^2 w^2}{v}$	E	AB	CD	AB
16063	13126	1	$\sqrt{\frac{\ln(u) w}{\sqrt{v}}}$	E	AB	CD	R
16064	13127	1	$\frac{(\ln(u))^3 w^3}{v^{3/2}}$	E	AB	CD	K
16065	13128	1	$u^{\frac{w}{\sqrt{v}}}$	E	AB	CD	E
16066	13129	1	$\log\left(\frac{\ln(u) w}{\sqrt{v}}\right)$	E	AB	CD	L
16067	13130	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt{v}}\right)$	E	AB	CD	S
16068	13131	1	$\arctan\left(\frac{\ln(u) w}{\sqrt{v}}\right)$	E	AB	CD	T
16069	13132	1	$\sqrt{-\frac{-v + (\ln(u))^2 w^2}{v}}$	E	AB	CD	P
16070	13133	1	$\sqrt{\frac{v + (\ln(u))^2 w^2}{v}}$	E	AB	CD	H
16071	13134	1	$\frac{\ln(u)}{\sqrt{vw}}$	E	AB	CDI	CD
16072	13134	2	$\frac{\ln(u)}{\sqrt{vw}}$	E	AB	CDIF	CDF
16073	13135	1	$\frac{\sqrt{vw}}{\ln(u)}$	E	AB	CDI	CDI
16074	13135	2	$\frac{\sqrt{vw}}{\ln(u)}$	E	AB	CDIF	CDIF

16075	13136	1	$\frac{\ln(u) \pi}{\sqrt{vw}}$	E	AB	CDI	CDF
16076	13137	1	$\frac{\sqrt{vw}}{\ln(u) \pi}$	E	AB	CDI	CDIF
16077	13138	1	$\frac{(\ln(u))^2}{vw^2}$	E	AB	CDI	AB
16078	13139	1	$\sqrt{\frac{\ln(u)}{\sqrt{vw}}}$	E	AB	CDI	R
16079	13140	1	$\frac{(\ln(u))^3}{v^{3/2}w^3}$	E	AB	CDI	K
16080	13141	1	$u^{\frac{1}{\sqrt{vw}}}$	E	AB	CDI	E
16081	13142	1	$\log\left(\frac{\ln(u)}{\sqrt{vw}}\right)$	E	AB	CDI	L
16082	13143	1	$\arcsin\left(\frac{\ln(u)}{\sqrt{vw}}\right)$	E	AB	CDI	S
16083	13144	1	$\arctan\left(\frac{\ln(u)}{\sqrt{vw}}\right)$	E	AB	CDI	T
16084	13145	1	$\sqrt{\frac{vw^2 - (\ln(u))^2}{vw^2}}$	E	AB	CDI	P
16085	13146	1	$\sqrt{\frac{vw^2 + (\ln(u))^2}{vw^2}}$	E	AB	CDI	H
16086	13147	1	$\frac{\ln(u) w}{\sqrt{v}\pi}$	E	AB	CDF	CD
16087	13148	1	$\frac{\sqrt{v}\pi}{\ln(u) w}$	E	AB	CDF	CDI
16088	13149	1	$\frac{(\ln(u))^2 w^2}{v\pi^2}$	E	AB	CDF	AB

16089	13150	1	$\sqrt{\frac{\ln(u) w}{\sqrt{v} \pi}}$	E	AB	CDF	R
16090	13151	1	$\frac{(\ln(u))^3 w^3}{v^{3/2} \pi^3}$	E	AB	CDF	K
16091	13152	1	$u^{\frac{w}{\sqrt{v} \pi}}$	E	AB	CDF	E
16092	13153	1	$\log\left(\frac{\ln(u) w}{\sqrt{v} \pi}\right)$	E	AB	CDF	L
16093	13154	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt{v} \pi}\right)$	E	AB	CDF	S
16094	13155	1	$\arctan\left(\frac{\ln(u) w}{\sqrt{v} \pi}\right)$	E	AB	CDF	T
16095	13156	1	$\sqrt{\frac{v \pi^2 - (\ln(u))^2 w^2}{v \pi^2}}$	E	AB	CDF	P
16096	13157	1	$\sqrt{\frac{v \pi^2 + (\ln(u))^2 w^2}{v \pi^2}}$	E	AB	CDF	H
16097	13158	1	$\frac{\ln(u)}{\sqrt{v} w \pi}$	E	AB	CDIF	CD
16098	13159	1	$\frac{\sqrt{v} w \pi}{\ln(u)}$	E	AB	CDIF	CDI
16099	13160	1	$\frac{(\ln(u))^2}{v w^2 \pi^2}$	E	AB	CDIF	AB
16100	13161	1	$\sqrt{\frac{\ln(u)}{\sqrt{v} w \pi}}$	E	AB	CDIF	R
16101	13162	1	$\frac{(\ln(u))^3}{v^{3/2} w^3 \pi^3}$	E	AB	CDIF	K
16102	13163	1	$u^{\frac{1}{\sqrt{v} w \pi}}$	E	AB	CDIF	E

16103	13164	1	$\log \left(\frac{\ln(u)}{\sqrt{vw}\pi} \right)$	E	AB	CDIF	L
16104	13165	1	$\arcsin \left(\frac{\ln(u)}{\sqrt{vw}\pi} \right)$	E	AB	CDIF	S
16105	13166	1	$\arctan \left(\frac{\ln(u)}{\sqrt{vw}\pi} \right)$	E	AB	CDIF	T
16106	13167	1	$\sqrt{\frac{vw^2\pi^2 - (\ln(u))^2}{vw^2\pi^2}}$	E	AB	CDIF	P
16107	13168	1	$\sqrt{\frac{vw^2\pi^2 + (\ln(u))^2}{vw^2\pi^2}}$	E	AB	CDIF	H
16108	13169	1	$\frac{\ln(u) \sqrt{w}}{\sqrt{v}}$	E	AB	AB	CD
16109	13170	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{w}}$	E	AB	AB	CDI
16110	13171	1	$\frac{\ln(u) \sqrt{w}\pi}{\sqrt{v}}$	E	AB	AB	CDF
16111	13172	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{w}\pi}$	E	AB	AB	CDIF
16112	13173	1	$\frac{(\ln(u))^2 w}{v}$	E	AB	AB	AB
16113	13174	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{\sqrt{v}}}$	E	AB	AB	R
16114	13175	1	$\frac{(\ln(u))^3 w^{3/2}}{v^{3/2}}$	E	AB	AB	K
16115	13176	1	$u^{\frac{\sqrt{w}}{\sqrt{v}}}$	E	AB	AB	E
16116	13177	1	$\log \left(\frac{\ln(u) \sqrt{w}}{\sqrt{v}} \right)$	E	AB	AB	L

16117	13178	1	$\arcsin\left(\frac{\ln(u)\sqrt{w}}{\sqrt{v}}\right)$	E	AB	AB	S
16118	13179	1	$\arctan\left(\frac{\ln(u)\sqrt{w}}{\sqrt{v}}\right)$	E	AB	AB	T
16119	13180	1	$\sqrt{-\frac{-v+(\ln(u))^2 w}{v}}$	E	AB	AB	P
16120	13181	1	$\sqrt{\frac{v+(\ln(u))^2 w}{v}}$	E	AB	AB	H
16121	13182	1	$\frac{\ln(u) w^2}{\sqrt{v}}$	E	AB	R	CD
16122	13183	1	$\frac{\sqrt{v}}{\ln(u) w^2}$	E	AB	R	CDI
16123	13184	1	$\frac{\ln(u) w^2 \pi}{\sqrt{v}}$	E	AB	R	CDF
16124	13185	1	$\frac{\sqrt{v}}{\ln(u) w^2 \pi}$	E	AB	R	CDIF
16125	13186	1	$\frac{(\ln(u))^2 w^4}{v}$	E	AB	R	AB
16126	13187	1	$\sqrt{\frac{\ln(u) w^2}{\sqrt{v}}}$	E	AB	R	R
16127	13188	1	$\frac{(\ln(u))^3 w^6}{v^{3/2}}$	E	AB	R	K
16128	13189	1	$u^{\frac{w^2}{\sqrt{v}}}$	E	AB	R	E
16129	13190	1	$\log\left(\frac{\ln(u) w^2}{\sqrt{v}}\right)$	E	AB	R	L
16130	13191	1	$\arcsin\left(\frac{\ln(u) w^2}{\sqrt{v}}\right)$	E	AB	R	S

16131	13192	1	$\arctan\left(\frac{\ln(u) w^2}{\sqrt{v}}\right)$	E	AB	R	T
16132	13193	1	$\sqrt{-\frac{v + (\ln(u))^2 w^4}{v}}$	E	AB	R	P
16133	13194	1	$\sqrt{\frac{v + (\ln(u))^2 w^4}{v}}$	E	AB	R	H
16134	13195	1	$\frac{\ln(u) \sqrt[3]{w}}{\sqrt{v}}$	E	AB	K	CD
16135	13196	1	$\frac{\sqrt{v}}{\ln(u) \sqrt[3]{w}}$	E	AB	K	CDI
16136	13197	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\sqrt{v}}$	E	AB	K	CDF
16137	13198	1	$\frac{\sqrt{v}}{\ln(u) \sqrt[3]{w} \pi}$	E	AB	K	CDIF
16138	13199	1	$\frac{(\ln(u))^2 w^{2/3}}{v}$	E	AB	K	AB
16139	13200	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\sqrt{v}}}$	E	AB	K	R
16140	13201	1	$\frac{(\ln(u))^3 w}{v^{3/2}}$	E	AB	K	K
16141	13202	1	$u^{\frac{\sqrt[3]{w}}{\sqrt{v}}}$	E	AB	K	E
16142	13203	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	E	AB	K	L
16143	13204	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	E	AB	K	S
16144	13205	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	E	AB	K	T

16145	13206	1	$\sqrt{\frac{v - (\ln(u))^2 w^{2/3}}{v}}$	E	AB	K	P
16146	13207	1	$\sqrt{\frac{v + (\ln(u))^2 w^{2/3}}{v}}$	E	AB	K	H
16147	13208	1	$\frac{\ln(u) \ln(w)}{\sqrt{v}}$	E	AB	E	CD
16148	13209	1	$\frac{\sqrt{v}}{\ln(u) \ln(w)}$	E	AB	E	CDI
16149	13210	1	$\frac{\ln(u) \ln(w) \pi}{\sqrt{v}}$	E	AB	E	CDF
16150	13211	1	$\frac{\sqrt{v}}{\ln(u) \ln(w) \pi}$	E	AB	E	CDIF
16151	13212	1	$\frac{(\ln(u))^2 (\ln(w))^2}{v}$	E	AB	E	AB
16152	13213	1	$\sqrt{\frac{\ln(u) \ln(w)}{\sqrt{v}}}$	E	AB	E	R
16153	13214	1	$\frac{(\ln(u))^3 (\ln(w))^3}{v^{3/2}}$	E	AB	E	K
16154	13215	1	$u^{\frac{\ln(w)}{\sqrt{v}}}$	E	AB	E	E
16155	13216	1	$\log\left(\frac{\ln(u) \ln(w)}{\sqrt{v}}\right)$	E	AB	E	L
16156	13217	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\sqrt{v}}\right)$	E	AB	E	S
16157	13218	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\sqrt{v}}\right)$	E	AB	E	T
16158	13219	1	$\sqrt{\frac{v - (\ln(u))^2 (\ln(w))^2}{v}}$	E	AB	E	P

16159	13220	1	$\sqrt{\frac{v + (\ln(u))^2 (\ln(w))^2}{v}}$	E	AB	E	H
16160	13221	1	$\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{v}}$	E	AB	L	CD
16161	13222	1	$\frac{\sqrt{v}}{\ln(u) \operatorname{Exp}(w)}$	E	AB	L	CDI
16162	13223	1	$\frac{\ln(u) \operatorname{Exp}(w) \pi}{\sqrt{v}}$	E	AB	L	CDF
16163	13224	1	$\frac{\sqrt{v}}{\ln(u) \operatorname{Exp}(w) \pi}$	E	AB	L	CDIF
16164	13225	1	$\frac{(\ln(u))^2 (\operatorname{Exp}(w))^2}{v}$	E	AB	L	AB
16165	13226	1	$\sqrt{\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{v}}}$	E	AB	L	R
16166	13227	1	$\frac{(\ln(u))^3 (\operatorname{Exp}(w))^3}{v^{3/2}}$	E	AB	L	K
16167	13228	1	$u^{\frac{\operatorname{Exp}(w)}{\sqrt{v}}}$	E	AB	L	E
16168	13229	1	$\log\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	E	AB	L	L
16169	13230	1	$\arcsin\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	E	AB	L	S
16170	13231	1	$\arctan\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	E	AB	L	T
16171	13232	1	$\sqrt{\frac{v - (\ln(u))^2 (\operatorname{Exp}(w))^2}{v}}$	E	AB	L	P
16172	13233	1	$\sqrt{\frac{v + (\ln(u))^2 (\operatorname{Exp}(w))^2}{v}}$	E	AB	L	H

16173	13234	1	$\frac{\ln(u) \sin(w)}{\sqrt{v}}$	E	AB	S	CD
16174	13235	1	$\frac{\sqrt{v}}{\ln(u) \sin(w)}$	E	AB	S	CDI
16175	13236	1	$\frac{\ln(u) \sin(w) \pi}{\sqrt{v}}$	E	AB	S	CDF
16176	13237	1	$\frac{\sqrt{v}}{\ln(u) \sin(w) \pi}$	E	AB	S	CDIF
16177	13238	1	$\frac{(\ln(u))^2 (\sin(w))^2}{v}$	E	AB	S	AB
16178	13239	1	$\sqrt{\frac{\ln(u) \sin(w)}{\sqrt{v}}}$	E	AB	S	R
16179	13240	1	$\frac{(\ln(u))^3 (\sin(w))^3}{v^{3/2}}$	E	AB	S	K
16180	13241	1	$u^{\frac{\sin(w)}{\sqrt{v}}}$	E	AB	S	E
16181	13242	1	$\log\left(\frac{\ln(u) \sin(w)}{\sqrt{v}}\right)$	E	AB	S	L
16182	13243	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{\sqrt{v}}\right)$	E	AB	S	S
16183	13244	1	$\arctan\left(\frac{\ln(u) \sin(w)}{\sqrt{v}}\right)$	E	AB	S	T
16184	13245	1	$\sqrt{\frac{v - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{v}}$	~~E~~	AB	S	P
16185	13246	1	$\sqrt{\frac{v + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{v}}$	~~E~~	AB	S	H
16186	13247	1	$\frac{\ln(u) \tan(w)}{\sqrt{v}}$	E	AB	T	CD

16187	13248	1	$\frac{\sqrt{v}}{\ln(u) \tan(w)}$	E	AB	T	CDI
16188	13249	1	$\frac{\ln(u) \tan(w) \pi}{\sqrt{v}}$	E	AB	T	CDF
16189	13250	1	$\frac{\sqrt{v}}{\ln(u) \tan(w) \pi}$	E	AB	T	CDIF
16190	13251	1	$\frac{(\ln(u))^2 (\tan(w))^2}{v}$	E	AB	T	AB
16191	13252	1	$\sqrt{\frac{\ln(u) \tan(w)}{\sqrt{v}}}$	E	AB	T	R
16192	13253	1	$\frac{(\ln(u))^3 (\tan(w))^3}{v^{3/2}}$	E	AB	T	K
16193	13254	1	$u^{\frac{\tan(w)}{\sqrt{v}}}$	E	AB	T	E
16194	13255	1	$\log\left(\frac{\ln(u) \tan(w)}{\sqrt{v}}\right)$	E	AB	T	L
16195	13256	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{\sqrt{v}}\right)$	E	AB	T	S
16196	13257	1	$\arctan\left(\frac{\ln(u) \tan(w)}{\sqrt{v}}\right)$	E	AB	T	T
16197	13258	1	$\sqrt{\frac{v - (\ln(u))^2 (\tan(w))^2}{v}}$	E	AB	T	P
16198	13259	1	$\sqrt{\frac{v + (\ln(u))^2 (\tan(w))^2}{v}}$	E	AB	T	H
16199	13260	1	$\frac{\ln(u) \sqrt{1 - w^2}}{\sqrt{v}}$	E	AB	P	CD
16200	13261	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{1 - w^2}}$	E	AB	P	CDI

16201	13262	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\sqrt{v}}$	E	AB	P	CDF
16202	13263	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{1-w^2} \pi}$	E	AB	P	CDIF
16203	13264	1	$-\frac{(\ln(u))^2 (-1+w^2)}{v}$	E	AB	P	AB
16204	13265	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{v}}}$	E	AB	P	R
16205	13266	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{v^{3/2}}$	E	AB	P	K
16206	13267	1	$u \frac{\sqrt{1-w^2}}{\sqrt{v}}$	E	AB	P	E
16207	13268	1	$\log\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	E	AB	P	L
16208	13269	1	$\arcsin\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	E	AB	P	S
16209	13270	1	$\arctan\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	E	AB	P	T
16210	13271	1	$\sqrt{\frac{v - (\ln(u))^2 + (\ln(u))^2 w^2}{v}}$	E	AB	P	P
16211	13271	2	$\sqrt{\frac{v - (\ln(u))^2 + (\ln(u))^2 w^2}{v}}$	E	AB	H	H
16212	13272	1	$\sqrt{-\frac{-v - (\ln(u))^2 + (\ln(u))^2 w^2}{v}}$	E	AB	P	H
16213	13272	2	$\sqrt{-\frac{-v - (\ln(u))^2 + (\ln(u))^2 w^2}{v}}$	E	AB	H	P
16214	13273	1	$\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{v}}$	E	AB	H	CD

16215	13274	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{-1+w^2}}$	E	AB	H	CDI
16216	13275	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{\sqrt{v}}$	E	AB	H	CDF
16217	13276	1	$\frac{\sqrt{v}}{\ln(u) \sqrt{-1+w^2} \pi}$	E	AB	H	CDIF
16218	13277	1	$\frac{(\ln(u))^2 (-1+w^2)}{v}$	E	AB	H	AB
16219	13278	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{v}}}$	E	AB	H	R
16220	13279	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{v^{3/2}}$	E	AB	H	K
16221	13280	1	$u \frac{\sqrt{-1+w^2}}{\sqrt{v}}$	E	AB	H	E
16222	13281	1	$\log \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{v}} \right)$	E	AB	H	L
16223	13282	1	$\arcsin \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{v}} \right)$	E	AB	H	S
16224	13283	1	$\arctan \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{v}} \right)$	E	AB	H	T
16225	13284	1	$\frac{\ln(u) w}{v^2}$	E	R	CD	CD
16226	13284	2	$\frac{\ln(u) w}{v^2}$	E	R	CDF	CDF
16227	13285	1	$\frac{v^2}{\ln(u) w}$	E	R	CD	CDI
16228	13285	2	$\frac{v^2}{\ln(u) w}$	E	R	CDF	CDIF
16229	13286	1	$\frac{\ln(u) w \pi}{v^2}$	E	R	CD	CDF

16230	13287	1	$\frac{v^2}{\ln(u) w \pi}$	E	R	CD	CDIF
16231	13288	1	$\frac{(\ln(u))^2 w^2}{v^4}$	E	R	CD	AB
16232	13289	1	$\sqrt{\frac{\ln(u) w}{v^2}}$	E	R	CD	R
16233	13290	1	$\frac{(\ln(u))^3 w^3}{v^6}$	E	R	CD	K
16234	13291	1	$u^{\frac{w}{v^2}}$	E	R	CD	E
16235	13292	1	$\log\left(\frac{\ln(u) w}{v^2}\right)$	E	R	CD	L
16236	13293	1	$\arcsin\left(\frac{\ln(u) w}{v^2}\right)$	E	R	CD	S
16237	13294	1	$\arctan\left(\frac{\ln(u) w}{v^2}\right)$	E	R	CD	T
16238	13295	1	$\sqrt{-\frac{v^4 + (\ln(u))^2 w^2}{v^4}}$	E	R	CD	P
16239	13296	1	$\sqrt{\frac{v^4 + (\ln(u))^2 w^2}{v^4}}$	E	R	CD	H
16240	13297	1	$\frac{\ln(u)}{v^2 w}$	E	R	CDI	CD
16241	13297	2	$\frac{\ln(u)}{v^2 w}$	E	R	CDIF	CDF
16242	13298	1	$\frac{v^2 w}{\ln(u)}$	E	R	CDI	CDI
16243	13298	2	$\frac{v^2 w}{\ln(u)}$	E	R	CDIF	CDIF
16244	13299	1	$\frac{\ln(u) \pi}{v^2 w}$	E	R	CDI	CDF

16245	13300	1	$\frac{v^2 w}{\ln(u) \pi}$	E	R	CDI	CDIF
16246	13301	1	$\frac{(\ln(u))^2}{v^4 w^2}$	E	R	CDI	AB
16247	13302	1	$\sqrt{\frac{\ln(u)}{v^2 w}}$	E	R	CDI	R
16248	13303	1	$\frac{(\ln(u))^3}{v^6 w^3}$	E	R	CDI	K
16249	13304	1	$u^{\frac{1}{v^2 w}}$	E	R	CDI	E
16250	13305	1	$\log\left(\frac{\ln(u)}{v^2 w}\right)$	E	R	CDI	L
16251	13306	1	$\arcsin\left(\frac{\ln(u)}{v^2 w}\right)$	E	R	CDI	S
16252	13307	1	$\arctan\left(\frac{\ln(u)}{v^2 w}\right)$	E	R	CDI	T
16253	13308	1	$\sqrt{\frac{v^4 w^2 - (\ln(u))^2}{v^4 w^2}}$	E	R	CDI	P
16254	13309	1	$\sqrt{\frac{v^4 w^2 + (\ln(u))^2}{v^4 w^2}}$	E	R	CDI	H
16255	13310	1	$\frac{\ln(u) w}{v^2 \pi}$	E	R	CDF	CD
16256	13311	1	$\frac{v^2 \pi}{\ln(u) w}$	E	R	CDF	CDI
16257	13312	1	$\frac{(\ln(u))^2 w^2}{v^4 \pi^2}$	E	R	CDF	AB
16258	13313	1	$\sqrt{\frac{\ln(u) w}{v^2 \pi}}$	E	R	CDF	R

16259	13314	1	$\frac{(\ln(u))^3 w^3}{v^6 \pi^3}$	E	R	CDF	K
16260	13315	1	$u^{\frac{w}{v^2 \pi}}$	E	R	CDF	E
16261	13316	1	$\log\left(\frac{\ln(u) w}{v^2 \pi}\right)$	E	R	CDF	L
16262	13317	1	$\arcsin\left(\frac{\ln(u) w}{v^2 \pi}\right)$	E	R	CDF	S
16263	13318	1	$\arctan\left(\frac{\ln(u) w}{v^2 \pi}\right)$	E	R	CDF	T
16264	13319	1	$\sqrt{\frac{v^4 \pi^2 - (\ln(u))^2 w^2}{v^4 \pi^2}}$	E	R	CDF	P
16265	13320	1	$\sqrt{\frac{v^4 \pi^2 + (\ln(u))^2 w^2}{v^4 \pi^2}}$	E	R	CDF	H
16266	13321	1	$\frac{\ln(u)}{v^2 w \pi}$	E	R	CDIF	CD
16267	13322	1	$\frac{v^2 w \pi}{\ln(u)}$	E	R	CDIF	CDI
16268	13323	1	$\frac{(\ln(u))^2}{v^4 w^2 \pi^2}$	E	R	CDIF	AB
16269	13324	1	$\sqrt{\frac{\ln(u)}{v^2 w \pi}}$	E	R	CDIF	R
16270	13325	1	$\frac{(\ln(u))^3}{v^6 w^3 \pi^3}$	E	R	CDIF	K
16271	13326	1	$u^{\frac{1}{v^2 w \pi}}$	E	R	CDIF	E
16272	13327	1	$\log\left(\frac{\ln(u)}{v^2 w \pi}\right)$	E	R	CDIF	L
16273	13328	1	$\arcsin\left(\frac{\ln(u)}{v^2 w \pi}\right)$	E	R	CDIF	S

16274	13329	1	$\arctan\left(\frac{\ln(u)}{v^2 w \pi}\right)$	E	R	CDIF	T
16275	13330	1	$\sqrt{\frac{v^4 w^2 \pi^2 - (\ln(u))^2}{v^4 w^2 \pi^2}}$	E	R	CDIF	P
16276	13331	1	$\sqrt{\frac{v^4 w^2 \pi^2 + (\ln(u))^2}{v^4 w^2 \pi^2}}$	E	R	CDIF	H
16277	13332	1	$\frac{\ln(u) \sqrt{w}}{v^2}$	E	R	AB	CD
16278	13333	1	$\frac{v^2}{\ln(u) \sqrt{w}}$	E	R	AB	CDI
16279	13334	1	$\frac{\ln(u) \sqrt{w} \pi}{v^2}$	E	R	AB	CDF
16280	13335	1	$\frac{v^2}{\ln(u) \sqrt{w} \pi}$	E	R	AB	CDIF
16281	13336	1	$\frac{(\ln(u))^2 w}{v^4}$	E	R	AB	AB
16282	13337	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{v^2}}$	E	R	AB	R
16283	13338	1	$\frac{(\ln(u))^3 w^{3/2}}{v^6}$	E	R	AB	K
16284	13339	1	$u^{\frac{\sqrt{w}}{v^2}}$	E	R	AB	E
16285	13340	1	$\log\left(\frac{\ln(u) \sqrt{w}}{v^2}\right)$	E	R	AB	L
16286	13341	1	$\arcsin\left(\frac{\ln(u) \sqrt{w}}{v^2}\right)$	E	R	AB	S
16287	13342	1	$\arctan\left(\frac{\ln(u) \sqrt{w}}{v^2}\right)$	E	R	AB	T

16288	13343	1	$\sqrt{-\frac{-v^4 + (\ln(u))^2 w}{v^4}}$	E	R	AB	P
16289	13344	1	$\sqrt{\frac{v^4 + (\ln(u))^2 w}{v^4}}$	E	R	AB	H
16290	13345	1	$\frac{\ln(u) w^2}{v^2}$	E	R	R	CD
16291	13346	1	$\frac{v^2}{\ln(u) w^2}$	E	R	R	CDI
16292	13347	1	$\frac{\ln(u) w^2 \pi}{v^2}$	E	R	R	CDF
16293	13348	1	$\frac{v^2}{\ln(u) w^2 \pi}$	E	R	R	CDIF
16294	13349	1	$\frac{(\ln(u))^2 w^4}{v^4}$	E	R	R	AB
16295	13350	1	$\sqrt{\frac{\ln(u) w^2}{v^2}}$	E	R	R	R
16296	13351	1	$\frac{(\ln(u))^3 w^6}{v^6}$	E	R	R	K
16297	13352	1	$u^{\frac{w^2}{v^2}}$	E	R	R	E
16298	13353	1	$\log\left(\frac{\ln(u) w^2}{v^2}\right)$	E	R	R	L
16299	13354	1	$\arcsin\left(\frac{\ln(u) w^2}{v^2}\right)$	E	R	R	S
16300	13355	1	$\arctan\left(\frac{\ln(u) w^2}{v^2}\right)$	E	R	R	T
16301	13356	1	$\sqrt{-\frac{-v^4 + (\ln(u))^2 w^4}{v^4}}$	E	R	R	P

16302	13357	1	$\sqrt{\frac{v^4 + (\ln(u))^2 w^4}{v^4}}$	E	R	R	H
16303	13358	1	$\frac{\ln(u) \sqrt[3]{w}}{v^2}$	E	R	K	CD
16304	13359	1	$\frac{v^2}{\ln(u) \sqrt[3]{w}}$	E	R	K	CDI
16305	13360	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{v^2}$	E	R	K	CDF
16306	13361	1	$\frac{v^2}{\ln(u) \sqrt[3]{w} \pi}$	E	R	K	CDIF
16307	13362	1	$\frac{(\ln(u))^2 w^{2/3}}{v^4}$	E	R	K	AB
16308	13363	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{v^2}}$	E	R	K	R
16309	13364	1	$\frac{(\ln(u))^3 w}{v^6}$	E	R	K	K
16310	13365	1	$u \frac{\sqrt[3]{w}}{v^2}$	E	R	K	E
16311	13366	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{v^2}\right)$	E	R	K	L
16312	13367	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{v^2}\right)$	E	R	K	S
16313	13368	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{v^2}\right)$	E	R	K	T
16314	13369	1	$\sqrt{\frac{v^4 - (\ln(u))^2 w^{2/3}}{v^4}}$	E	R	K	P
16315	13370	1	$\sqrt{\frac{v^4 + (\ln(u))^2 w^{2/3}}{v^4}}$	E	R	K	H

16316	13371	1	$\frac{\ln(u) \ln(w)}{v^2}$	E	R	E	CD
16317	13372	1	$\frac{v^2}{\ln(u) \ln(w)}$	E	R	E	CDI
16318	13373	1	$\frac{\ln(u) \ln(w) \pi}{v^2}$	E	R	E	CDF
16319	13374	1	$\frac{v^2}{\ln(u) \ln(w) \pi}$	E	R	E	CDIF
16320	13375	1	$\frac{(\ln(u))^2 (\ln(w))^2}{v^4}$	E	R	E	AB
16321	13376	1	$\sqrt{\frac{\ln(u) \ln(w)}{v^2}}$	E	R	E	R
16322	13377	1	$\frac{(\ln(u))^3 (\ln(w))^3}{v^6}$	E	R	E	K
16323	13378	1	$u^{\frac{\ln(w)}{v^2}}$	E	R	E	E
16324	13379	1	$\log\left(\frac{\ln(u) \ln(w)}{v^2}\right)$	E	R	E	L
16325	13380	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{v^2}\right)$	E	R	E	S
16326	13381	1	$\arctan\left(\frac{\ln(u) \ln(w)}{v^2}\right)$	E	R	E	T
16327	13382	1	$\sqrt{\frac{v^4 - (\ln(u))^2 (\ln(w))^2}{v^4}}$	E	R	E	P
16328	13383	1	$\sqrt{\frac{v^4 + (\ln(u))^2 (\ln(w))^2}{v^4}}$	E	R	E	H
16329	13384	1	$\frac{\ln(u) \text{Exp}(w)}{v^2}$	E	R	L	CD
16330	13385	1	$\frac{v^2}{\ln(u) \text{Exp}(w)}$	E	R	L	CDI

16331	13386	1	$\frac{\ln(u) \operatorname{Exp}(w) \pi}{v^2}$	E	R	L	CDF
16332	13387	1	$\frac{v^2}{\ln(u) \operatorname{Exp}(w) \pi}$	E	R	L	CDIF
16333	13388	1	$\frac{(\ln(u))^2 (\operatorname{Exp}(w))^2}{v^4}$	E	R	L	AB
16334	13389	1	$\sqrt{\frac{\ln(u) \operatorname{Exp}(w)}{v^2}}$	E	R	L	R
16335	13390	1	$\frac{(\ln(u))^3 (\operatorname{Exp}(w))^3}{v^6}$	E	R	L	K
16336	13391	1	$u^{\frac{\operatorname{Exp}(w)}{v^2}}$	E	R	L	E
16337	13392	1	$\log\left(\frac{\ln(u) \operatorname{Exp}(w)}{v^2}\right)$	E	R	L	L
16338	13393	1	$\arcsin\left(\frac{\ln(u) \operatorname{Exp}(w)}{v^2}\right)$	E	R	L	S
16339	13394	1	$\arctan\left(\frac{\ln(u) \operatorname{Exp}(w)}{v^2}\right)$	E	R	L	T
16340	13395	1	$\sqrt{\frac{v^4 - (\ln(u))^2 (\operatorname{Exp}(w))^2}{v^4}}$	E	R	L	P
16341	13396	1	$\sqrt{\frac{v^4 + (\ln(u))^2 (\operatorname{Exp}(w))^2}{v^4}}$	E	R	L	H
16342	13397	1	$\frac{\ln(u) \sin(w)}{v^2}$	E	R	S	CD
16343	13398	1	$\frac{v^2}{\ln(u) \sin(w)}$	E	R	S	CDI
16344	13399	1	$\frac{\ln(u) \sin(w) \pi}{v^2}$	E	R	S	CDF

16345	13400	1	$\frac{v^2}{\ln(u) \sin(w) \pi}$	E	R	S	CDIF
16346	13401	1	$\frac{(\ln(u))^2 (\sin(w))^2}{v^4}$	E	R	S	AB
16347	13402	1	$\sqrt{\frac{\ln(u) \sin(w)}{v^2}}$	E	R	S	R
16348	13403	1	$\frac{(\ln(u))^3 (\sin(w))^3}{v^6}$	E	R	S	K
16349	13404	1	$u \frac{\sin(w)}{v^2}$	E	R	S	E
16350	13405	1	$\log\left(\frac{\ln(u) \sin(w)}{v^2}\right)$	E	R	S	L
16351	13406	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{v^2}\right)$	E	R	S	S
16352	13407	1	$\arctan\left(\frac{\ln(u) \sin(w)}{v^2}\right)$	E	R	S	T
16353	13408	1	$\sqrt{\frac{v^4 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{v^4}}$	E	R	S	P
16354	13409	1	$\sqrt{\frac{v^4 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{v^4}}$	E	R	S	H
16355	13410	1	$\frac{\ln(u) \tan(w)}{v^2}$	E	R	T	CD
16356	13411	1	$\frac{v^2}{\ln(u) \tan(w)}$	E	R	T	CDI
16357	13412	1	$\frac{\ln(u) \tan(w) \pi}{v^2}$	E	R	T	CDF
16358	13413	1	$\frac{v^2}{\ln(u) \tan(w) \pi}$	E	R	T	CDIF
16359	13414	1	$\frac{(\ln(u))^2 (\tan(w))^2}{v^4}$	E	R	T	AB

16360	13415	1	$\sqrt{\frac{\ln(u) \tan(w)}{v^2}}$	E	R	T	R
16361	13416	1	$\frac{(\ln(u))^3 (\tan(w))^3}{v^6}$	E	R	T	K
16362	13417	1	$u \frac{\tan(w)}{v^2}$	E	R	T	E
16363	13418	1	$\log\left(\frac{\ln(u) \tan(w)}{v^2}\right)$	E	R	T	L
16364	13419	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{v^2}\right)$	E	R	T	S
16365	13420	1	$\arctan\left(\frac{\ln(u) \tan(w)}{v^2}\right)$	E	R	T	T
16366	13421	1	$\sqrt{\frac{v^4 - (\ln(u))^2 (\tan(w))^2}{v^4}}$	E	R	T	P
16367	13422	1	$\sqrt{\frac{v^4 + (\ln(u))^2 (\tan(w))^2}{v^4}}$	E	R	T	H
16368	13423	1	$\frac{\ln(u) \sqrt{-(w-1)(w+1)}}{v^2}$	E	R	P	CD
16369	13424	1	$\frac{v^2}{\ln(u) \sqrt{1-w^2}}$	E	R	P	CDI
16370	13425	1	$\frac{\ln(u) \sqrt{-(w-1)(w+1)}\pi}{v^2}$	E	R	P	CDF
16371	13426	1	$\frac{v^2}{\ln(u) \sqrt{1-w^2}\pi}$	E	R	P	CDIF
16372	13427	1	$-\frac{(\ln(u))^2 (-1+w^2)}{v^4}$	E	R	P	AB
16373	13428	1	$\sqrt{\frac{\ln(u) \sqrt{-(w-1)(w+1)}}{v^2}}$	E	R	P	R

16374	13429	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{v^6}$	E	R	P	K
16375	13430	1	$u \frac{\sqrt{1-w^2}}{v^2}$	E	R	P	E
16376	13431	1	$\log \left(\frac{\ln(u) \sqrt{-(w-1)(w+1)}}{v^2} \right)$	E	R	P	L
16377	13432	1	$\arcsin \left(\frac{\ln(u) \sqrt{-(w-1)(w+1)}}{v^2} \right)$	E	R	P	S
16378	13433	1	$\arctan \left(\frac{\ln(u) \sqrt{-(w-1)(w+1)}}{v^2} \right)$	E	R	P	T
16379	13434	1	$\sqrt{\frac{v^4 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^4}}$	E	R	P	P
16380	13434	2	$\sqrt{\frac{v^4 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^4}}$	E	R	H	H
16381	13435	1	$\sqrt{-\frac{v^4 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^4}}$	E	R	P	H
16382	13435	2	$\sqrt{-\frac{v^4 - (\ln(u))^2 + (\ln(u))^2 w^2}{v^4}}$	E	R	H	P
16383	13436	1	$\frac{\ln(u) \sqrt{(w-1)(w+1)}}{v^2}$	E	R	H	CD
16384	13437	1	$\frac{v^2}{\ln(u) \sqrt{-1+w^2}}$	E	R	H	CDI
16385	13438	1	$\frac{\ln(u) \sqrt{(w-1)(w+1)}\pi}{v^2}$	E	R	H	CDF
16386	13439	1	$\frac{v^2}{\ln(u) \sqrt{-1+w^2}\pi}$	E	R	H	CDIF
16387	13440	1	$\frac{(\ln(u))^2 (-1+w^2)}{v^4}$	E	R	H	AB

16388	13441	1	$\sqrt{\frac{\ln(u) \sqrt{(w-1)(w+1)}}{v^2}}$	E	R	H	R
16389	13442	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{v^6}$	E	R	H	K
16390	13443	1	$u \frac{\sqrt{-1+w^2}}{v^2}$	E	R	H	E
16391	13444	1	$\log\left(\frac{\ln(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	E	R	H	L
16392	13445	1	$\arcsin\left(\frac{\ln(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	E	R	H	S
16393	13446	1	$\arctan\left(\frac{\ln(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	E	R	H	T
16394	13447	1	$\frac{\ln(u) w}{\sqrt[3]{v}}$	E	K	CD	CD
16395	13447	2	$\frac{\ln(u) w}{\sqrt[3]{v}}$	E	K	CDF	CDF
16396	13448	1	$\frac{\sqrt[3]{v}}{\ln(u) w}$	E	K	CD	CDI
16397	13448	2	$\frac{\sqrt[3]{v}}{\ln(u) w}$	E	K	CDF	CDIF
16398	13449	1	$\frac{\ln(u) w \pi}{\sqrt[3]{v}}$	E	K	CD	CDF
16399	13450	1	$\frac{\sqrt[3]{v}}{\ln(u) w \pi}$	E	K	CD	CDIF
16400	13451	1	$\frac{(\ln(u))^2 w^2}{v^{2/3}}$	E	K	CD	AB
16401	13452	1	$\sqrt{\frac{\ln(u) w}{\sqrt[3]{v}}}$	E	K	CD	R

16402	13453	1	$\frac{(\ln(u))^3 w^3}{v}$	E	K	CD	K
16403	13454	1	$u^{\frac{w}{\sqrt[3]{v}}}$	E	K	CD	E
16404	13455	1	$\log\left(\frac{\ln(u) w}{\sqrt[3]{v}}\right)$	E	K	CD	L
16405	13456	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt[3]{v}}\right)$	E	K	CD	S
16406	13457	1	$\arctan\left(\frac{\ln(u) w}{\sqrt[3]{v}}\right)$	E	K	CD	T
16407	13458	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	CD	P
16408	13459	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	CD	H
16409	13460	1	$\frac{\ln(u)}{\sqrt[3]{vw}}$	E	K	CDI	CD
16410	13460	2	$\frac{\ln(u)}{\sqrt[3]{vw}}$	E	K	CDIF	CDF
16411	13461	1	$\frac{\sqrt[3]{vw}}{\ln(u)}$	E	K	CDI	CDI
16412	13461	2	$\frac{\sqrt[3]{vw}}{\ln(u)}$	E	K	CDIF	CDIF
16413	13462	1	$\frac{\ln(u) \pi}{\sqrt[3]{vw}}$	E	K	CDI	CDF
16414	13463	1	$\frac{\sqrt[3]{vw}}{\ln(u) \pi}$	E	K	CDI	CDIF
16415	13464	1	$\frac{(\ln(u))^2}{v^{2/3} w^2}$	E	K	CDI	AB
16416	13465	1	$\sqrt{\frac{\ln(u)}{\sqrt[3]{vw}}}$	E	K	CDI	R

16417	13466	1	$\frac{(\ln(u))^3}{vw^3}$	E	K	CDI	K
16418	13467	1	$u^{\frac{1}{\sqrt[3]{vw}}}$	E	K	CDI	E
16419	13468	1	$\log\left(\frac{\ln(u)}{\sqrt[3]{vw}}\right)$	E	K	CDI	L
16420	13469	1	$\arcsin\left(\frac{\ln(u)}{\sqrt[3]{vw}}\right)$	E	K	CDI	S
16421	13470	1	$\arctan\left(\frac{\ln(u)}{\sqrt[3]{vw}}\right)$	E	K	CDI	T
16422	13471	1	$\sqrt{\frac{v^{2/3}w^2 - (\ln(u))^2}{v^{2/3}w^2}}$	E	K	CDI	P
16423	13472	1	$\sqrt{\frac{v^{2/3}w^2 + (\ln(u))^2}{v^{2/3}w^2}}$	E	K	CDI	H
16424	13473	1	$\frac{\ln(u) w}{\sqrt[3]{v\pi}}$	E	K	CDF	CD
16425	13474	1	$\frac{\sqrt[3]{v\pi}}{\ln(u) w}$	E	K	CDF	CDI
16426	13475	1	$\frac{(\ln(u))^2 w^2}{v^{2/3}\pi^2}$	E	K	CDF	AB
16427	13476	1	$\sqrt{\frac{\ln(u) w}{\sqrt[3]{v\pi}}}$	E	K	CDF	R
16428	13477	1	$\frac{(\ln(u))^3 w^3}{v\pi^3}$	E	K	CDF	K
16429	13478	1	$u^{\frac{w}{\sqrt[3]{v\pi}}}$	E	K	CDF	E
16430	13479	1	$\log\left(\frac{\ln(u) w}{\sqrt[3]{v\pi}}\right)$	E	K	CDF	L
16431	13480	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt[3]{v\pi}}\right)$	E	K	CDF	S

16432	13481	1	$\arctan\left(\frac{\ln(u)w}{\sqrt[3]{v}\pi}\right)$	E	K	CDF	T
16433	13482	1	$\sqrt{\frac{v^{2/3}\pi^2 - (\ln(u))^2 w^2}{v^{2/3}\pi^2}}$	E	K	CDF	P
16434	13483	1	$\sqrt{\frac{v^{2/3}\pi^2 + (\ln(u))^2 w^2}{v^{2/3}\pi^2}}$	E	K	CDF	H
16435	13484	1	$\frac{\ln(u)}{\sqrt[3]{v}w\pi}$	E	K	CDIF	CD
16436	13485	1	$\frac{\sqrt[3]{v}w\pi}{\ln(u)}$	E	K	CDIF	CDI
16437	13486	1	$\frac{(\ln(u))^2}{v^{2/3}w^2\pi^2}$	E	K	CDIF	AB
16438	13487	1	$\sqrt{\frac{\ln(u)}{\sqrt[3]{v}w\pi}}$	E	K	CDIF	R
16439	13488	1	$\frac{(\ln(u))^3}{vw^3\pi^3}$	E	K	CDIF	K
16440	13489	1	$u^{\frac{1}{\sqrt[3]{v}w\pi}}$	E	K	CDIF	E
16441	13490	1	$\log\left(\frac{\ln(u)}{\sqrt[3]{v}w\pi}\right)$	E	K	CDIF	L
16442	13491	1	$\arcsin\left(\frac{\ln(u)}{\sqrt[3]{v}w\pi}\right)$	E	K	CDIF	S
16443	13492	1	$\arctan\left(\frac{\ln(u)}{\sqrt[3]{v}w\pi}\right)$	E	K	CDIF	T
16444	13493	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 - (\ln(u))^2}{v^{2/3}w^2\pi^2}}$	E	K	CDIF	P
16445	13494	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + (\ln(u))^2}{v^{2/3}w^2\pi^2}}$	E	K	CDIF	H

16446	13495	1	$\frac{\ln(u) \sqrt{w}}{\sqrt[3]{v}}$	E	K	AB	CD
16447	13496	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{w}}$	E	K	AB	CDI
16448	13497	1	$\frac{\ln(u) \sqrt{w} \pi}{\sqrt[3]{v}}$	E	K	AB	CDF
16449	13498	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{w} \pi}$	E	K	AB	CDIF
16450	13499	1	$\frac{(\ln(u))^2 w}{v^{2/3}}$	E	K	AB	AB
16451	13500	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{\sqrt[3]{v}}}$	E	K	AB	R
16452	13501	1	$\frac{(\ln(u))^3 w^{3/2}}{v}$	E	K	AB	K
16453	13502	1	$u^{\frac{\sqrt{w}}{\sqrt[3]{v}}}$	E	K	AB	E
16454	13503	1	$\log\left(\frac{\ln(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	E	K	AB	L
16455	13504	1	$\arcsin\left(\frac{\ln(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	E	K	AB	S
16456	13505	1	$\arctan\left(\frac{\ln(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	E	K	AB	T
16457	13506	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 w}{v^{2/3}}}$	E	K	AB	P
16458	13507	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 w}{v^{2/3}}}$	E	K	AB	H
16459	13508	1	$\frac{\ln(u) w^2}{\sqrt[3]{v}}$	E	K	R	CD

16460	13509	1	$\frac{\sqrt[3]{v}}{\ln(u) w^2}$	E	K	R	CDI
16461	13510	1	$\frac{\ln(u) w^2 \pi}{\sqrt[3]{v}}$	E	K	R	CDF
16462	13511	1	$\frac{\sqrt[3]{v}}{\ln(u) w^2 \pi}$	E	K	R	CDIF
16463	13512	1	$\frac{(\ln(u))^2 w^4}{v^{2/3}}$	E	K	R	AB
16464	13513	1	$\sqrt{\frac{\ln(u) w^2}{\sqrt[3]{v}}}$	E	K	R	R
16465	13514	1	$\frac{(\ln(u))^3 w^6}{v}$	E	K	R	K
16466	13515	1	$u^{\frac{w^2}{\sqrt[3]{v}}}$	E	K	R	E
16467	13516	1	$\log\left(\frac{\ln(u) w^2}{\sqrt[3]{v}}\right)$	E	K	R	L
16468	13517	1	$\arcsin\left(\frac{\ln(u) w^2}{\sqrt[3]{v}}\right)$	E	K	R	S
16469	13518	1	$\arctan\left(\frac{\ln(u) w^2}{\sqrt[3]{v}}\right)$	E	K	R	T
16470	13519	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 w^4}{v^{2/3}}}$	E	K	R	P
16471	13520	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 w^4}{v^{2/3}}}$	E	K	R	H
16472	13521	1	$\frac{\ln(u) \sqrt[3]{w}}{\sqrt[3]{v}}$	E	K	K	CD
16473	13522	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt[3]{w}}$	E	K	K	CDI

16474	13523	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\sqrt[3]{v}}$	E	K	K	CDF
16475	13524	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt[3]{w} \pi}$	E	K	K	CDIF
16476	13525	1	$\frac{(\ln(u))^2 w^{2/3}}{v^{2/3}}$	E	K	K	AB
16477	13526	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\sqrt[3]{v}}}$	E	K	K	R
16478	13527	1	$\frac{(\ln(u))^3 w}{v}$	E	K	K	K
16479	13528	1	$u^{\frac{\sqrt[3]{w}}{\sqrt[3]{v}}}$	E	K	K	E
16480	13529	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	E	K	K	L
16481	13530	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	E	K	K	S
16482	13531	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	E	K	K	T
16483	13532	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 w^{2/3}}{v^{2/3}}}$	E	K	K	P
16484	13533	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 w^{2/3}}{v^{2/3}}}$	E	K	K	H
16485	13534	1	$\frac{\ln(u) \ln(w)}{\sqrt[3]{v}}$	E	K	E	CD
16486	13535	1	$\frac{\sqrt[3]{v}}{\ln(u) \ln(w)}$	E	K	E	CDI
16487	13536	1	$\frac{\ln(u) \ln(w) \pi}{\sqrt[3]{v}}$	E	K	E	CDF

16488	13537	1	$\frac{\sqrt[3]{v}}{\ln(u) \ln(w) \pi}$	E	K	E	CDIF
16489	13538	1	$\frac{(\ln(u))^2 (\ln(w))^2}{v^{2/3}}$	E	K	E	AB
16490	13539	1	$\sqrt{\frac{\ln(u) \ln(w)}{\sqrt[3]{v}}}$	E	K	E	R
16491	13540	1	$\frac{(\ln(u))^3 (\ln(w))^3}{v}$	E	K	E	K
16492	13541	1	$u^{\frac{\ln(w)}{\sqrt[3]{v}}}$	E	K	E	E
16493	13542	1	$\log\left(\frac{\ln(u) \ln(w)}{\sqrt[3]{v}}\right)$	E	K	E	L
16494	13543	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\sqrt[3]{v}}\right)$	E	K	E	S
16495	13544	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\sqrt[3]{v}}\right)$	E	K	E	T
16496	13545	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 (\ln(w))^2}{v^{2/3}}}$	E	K	E	P
16497	13546	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 (\ln(w))^2}{v^{2/3}}}$	E	K	E	H
16498	13547	1	$\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}$	E	K	L	CD
16499	13548	1	$\frac{\sqrt[3]{v}}{\ln(u) \operatorname{Exp}(w)}$	E	K	L	CDI
16500	13549	1	$\frac{\ln(u) \operatorname{Exp}(w) \pi}{\sqrt[3]{v}}$	E	K	L	CDF
16501	13550	1	$\frac{\sqrt[3]{v}}{\ln(u) \operatorname{Exp}(w) \pi}$	E	K	L	CDIF

16502	13551	1	$\frac{(\ln(u))^2 (Exp(w))^2}{v^{2/3}}$	E	K	L	AB
16503	13552	1	$\sqrt{\frac{\ln(u) Exp(w)}{\sqrt[3]{v}}}$	E	K	L	R
16504	13553	1	$\frac{(\ln(u))^3 (Exp(w))^3}{v}$	E	K	L	K
16505	13554	1	$u \frac{Exp(w)}{\sqrt[3]{v}}$	E	K	L	E
16506	13555	1	$\log\left(\frac{\ln(u) Exp(w)}{\sqrt[3]{v}}\right)$	E	K	L	L
16507	13556	1	$\arcsin\left(\frac{\ln(u) Exp(w)}{\sqrt[3]{v}}\right)$	E	K	L	S
16508	13557	1	$\arctan\left(\frac{\ln(u) Exp(w)}{\sqrt[3]{v}}\right)$	E	K	L	T
16509	13558	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 (Exp(w))^2}{v^{2/3}}}$	E	K	L	P
16510	13559	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 (Exp(w))^2}{v^{2/3}}}$	E	K	L	H
16511	13560	1	$\frac{\ln(u) \sin(w)}{\sqrt[3]{v}}$	E	K	S	CD
16512	13561	1	$\frac{\sqrt[3]{v}}{\ln(u) \sin(w)}$	E	K	S	CDI
16513	13562	1	$\frac{\ln(u) \sin(w) \pi}{\sqrt[3]{v}}$	E	K	S	CDF
16514	13563	1	$\frac{\sqrt[3]{v}}{\ln(u) \sin(w) \pi}$	E	K	S	CDIF
16515	13564	1	$\frac{(\ln(u))^2 (\sin(w))^2}{v^{2/3}}$	E	K	S	AB

16516	13565	1	$\sqrt{\frac{\ln(u) \sin(w)}{\sqrt[3]{v}}}$	E	K	S	R
16517	13566	1	$\frac{(\ln(u))^3 (\sin(w))^3}{v}$	E	K	S	K
16518	13567	1	$u^{\frac{\sin(w)}{\sqrt[3]{v}}}$	E	K	S	E
16519	13568	1	$\log\left(\frac{\ln(u) \sin(w)}{\sqrt[3]{v}}\right)$	E	K	S	L
16520	13569	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{\sqrt[3]{v}}\right)$	E	K	S	S
16521	13570	1	$\arctan\left(\frac{\ln(u) \sin(w)}{\sqrt[3]{v}}\right)$	E	K	S	T
16522	13571	1	$\sqrt{\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{v^{2/3}}}$	E	K	S	P
16523	13572	1	$\sqrt{-\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{v^{2/3}}}$	E	K	S	H
16524	13573	1	$\frac{\ln(u) \tan(w)}{\sqrt[3]{v}}$	E	K	T	CD
16525	13574	1	$\frac{\sqrt[3]{v}}{\ln(u) \tan(w)}$	E	K	T	CDI
16526	13575	1	$\frac{\ln(u) \tan(w) \pi}{\sqrt[3]{v}}$	E	K	T	CDF
16527	13576	1	$\frac{\sqrt[3]{v}}{\ln(u) \tan(w) \pi}$	E	K	T	CDIF
16528	13577	1	$\frac{(\ln(u))^2 (\tan(w))^2}{v^{2/3}}$	E	K	T	AB
16529	13578	1	$\sqrt{\frac{\ln(u) \tan(w)}{\sqrt[3]{v}}}$	E	K	T	R

16530	13579	1	$\frac{(\ln(u))^3 (\tan(w))^3}{v}$	E	K	T	K
16531	13580	1	$u^{\frac{\tan(w)}{\sqrt[3]{v}}}$	E	K	T	E
16532	13581	1	$\log\left(\frac{\ln(u) \tan(w)}{\sqrt[3]{v}}\right)$	E	K	T	L
16533	13582	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{\sqrt[3]{v}}\right)$	E	K	T	S
16534	13583	1	$\arctan\left(\frac{\ln(u) \tan(w)}{\sqrt[3]{v}}\right)$	E	K	T	T
16535	13584	1	$\sqrt{-\frac{v^{2/3} + (\ln(u))^2 (\tan(w))^2}{v^{2/3}}}$	E	K	T	P
16536	13585	1	$\sqrt{\frac{v^{2/3} + (\ln(u))^2 (\tan(w))^2}{v^{2/3}}}$	E	K	T	H
16537	13586	1	$\frac{\ln(u) \sqrt{1-w^2}}{\sqrt[3]{v}}$	E	K	P	CD
16538	13587	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{1-w^2}}$	E	K	P	CDI
16539	13588	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	E	K	P	CDF
16540	13589	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{1-w^2} \pi}$	E	K	P	CDIF
16541	13590	1	$-\frac{(\ln(u))^2 (-1+w^2)}{v^{2/3}}$	E	K	P	AB
16542	13591	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	E	K	P	R
16543	13592	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{v}$	E	K	P	K

16544	13593	1	$u \frac{\sqrt{1-w^2}}{\sqrt[3]{v}}$	E	K	P	E
16545	13594	1	$\log \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt[3]{v}} \right)$	E	K	P	L
16546	13595	1	$\arcsin \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt[3]{v}} \right)$	E	K	P	S
16547	13596	1	$\arctan \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt[3]{v}} \right)$	E	K	P	T
16548	13597	1	$\sqrt{\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	P	P
16549	13597	2	$\sqrt{\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	H	H
16550	13598	1	$\sqrt{-\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	P	H
16551	13598	2	$\sqrt{-\frac{v^{2/3} - (\ln(u))^2 + (\ln(u))^2 w^2}{v^{2/3}}}$	E	K	H	P
16552	13599	1	$\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}$	E	K	H	CD
16553	13600	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{-1+w^2}}$	E	K	H	CDI
16554	13601	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{\sqrt[3]{v}}$	E	K	H	CDF
16555	13602	1	$\frac{\sqrt[3]{v}}{\ln(u) \sqrt{-1+w^2} \pi}$	E	K	H	CDIF
16556	13603	1	$\frac{(\ln(u))^2 (-1+w^2)}{v^{2/3}}$	E	K	H	AB
16557	13604	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}}$	E	K	H	R

16558	13605	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{v}$	E	K	H	K
16559	13606	1	$u \frac{\sqrt{-1+w^2}}{\sqrt[3]{v}}$	E	K	H	E
16560	13607	1	$\log\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	E	K	H	L
16561	13608	1	$\arcsin\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	E	K	H	S
16562	13609	1	$\arctan\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	E	K	H	T
16563	13610	1	$\frac{\ln(u) w}{\ln(v)}$	E	E	CD	CD
16564	13610	2	$\frac{\ln(u) w}{\ln(v)}$	E	E	CDF	CDF
16565	13611	1	$\frac{\ln(v)}{\ln(u) w}$	E	E	CD	CDI
16566	13611	2	$\frac{\ln(v)}{\ln(u) w}$	E	E	CDF	CDIF
16567	13612	1	$\frac{\ln(u) w \pi}{\ln(v)}$	E	E	CD	CDF
16568	13613	1	$\frac{\ln(v)}{\ln(u) w \pi}$	E	E	CD	CDIF
16569	13614	1	$\frac{(\ln(u))^2 w^2}{(\ln(v))^2}$	E	E	CD	AB
16570	13615	1	$\sqrt{\frac{\ln(u) w}{\ln(v)}}$	E	E	CD	R
16571	13616	1	$\frac{(\ln(u))^3 w^3}{(\ln(v))^3}$	E	E	CD	K
16572	13617	1	$u^{\frac{w}{\ln(v)}}$	E	E	CD	E

16573	13618	1	$\log \left(\frac{\ln(u) w}{\ln(v)} \right)$	E	E	CD	L
16574	13619	1	$\arcsin \left(\frac{\ln(u) w}{\ln(v)} \right)$	E	E	CD	S
16575	13620	1	$\arctan \left(\frac{\ln(u) w}{\ln(v)} \right)$	E	E	CD	T
16576	13621	1	$\sqrt{-\frac{(\ln(v))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	CD	P
16577	13622	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	CD	H
16578	13623	1	$\frac{\ln(u)}{\ln(v) w}$	E	E	CDI	CD
16579	13623	2	$\frac{\ln(u)}{\ln(v) w}$	E	E	CDIF	CDF
16580	13624	1	$\frac{\ln(v) w}{\ln(u)}$	E	E	CDI	CDI
16581	13624	2	$\frac{\ln(v) w}{\ln(u)}$	E	E	CDIF	CDIF
16582	13625	1	$\frac{\ln(u) \pi}{\ln(v) w}$	E	E	CDI	CDF
16583	13626	1	$\frac{\ln(v) w}{\ln(u) \pi}$	E	E	CDI	CDIF
16584	13627	1	$\frac{(\ln(u))^2}{(\ln(v))^2 w^2}$	E	E	CDI	AB
16585	13628	1	$\sqrt{\frac{\ln(u)}{\ln(v) w}}$	E	E	CDI	R
16586	13629	1	$\frac{(\ln(u))^3}{(\ln(v))^3 w^3}$	E	E	CDI	K
16587	13630	1	$u^{\frac{1}{\ln(v) w}}$	E	E	CDI	E

16588	13631	1	$\log \left(\frac{\ln(u)}{\ln(v) w} \right)$	E	E	CDI	L
16589	13632	1	$\arcsin \left(\frac{\ln(u)}{\ln(v) w} \right)$	E	E	CDI	S
16590	13633	1	$\arctan \left(\frac{\ln(u)}{\ln(v) w} \right)$	E	E	CDI	T
16591	13634	1	$\sqrt{\frac{(\ln(v))^2 w^2 - (\ln(u))^2}{(\ln(v))^2 w^2}}$	E	E	CDI	P
16592	13635	1	$\sqrt{\frac{(\ln(v))^2 w^2 + (\ln(u))^2}{(\ln(v))^2 w^2}}$	E	E	CDI	H
16593	13636	1	$\frac{\ln(u) w}{\ln(v) \pi}$	E	E	CDF	CD
16594	13637	1	$\frac{\ln(v) \pi}{\ln(u) w}$	E	E	CDF	CDI
16595	13638	1	$\frac{(\ln(u))^2 w^2}{(\ln(v))^2 \pi^2}$	E	E	CDF	AB
16596	13639	1	$\sqrt{\frac{\ln(u) w}{\ln(v) \pi}}$	E	E	CDF	R
16597	13640	1	$\frac{(\ln(u))^3 w^3}{(\ln(v))^3 \pi^3}$	E	E	CDF	K
16598	13641	1	$u^{\frac{w}{\ln(v) \pi}}$	E	E	CDF	E
16599	13642	1	$\log \left(\frac{\ln(u) w}{\ln(v) \pi} \right)$	E	E	CDF	L
16600	13643	1	$\arcsin \left(\frac{\ln(u) w}{\ln(v) \pi} \right)$	E	E	CDF	S
16601	13644	1	$\arctan \left(\frac{\ln(u) w}{\ln(v) \pi} \right)$	E	E	CDF	T

16602	13645	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - (\ln(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	E	E	CDF	P
16603	13646	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + (\ln(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	E	E	CDF	H
16604	13647	1	$\frac{\ln(u)}{\ln(v) w \pi}$	E	E	CDIF	CD
16605	13648	1	$\frac{\ln(v) w \pi}{\ln(u)}$	E	E	CDIF	CDI
16606	13649	1	$\frac{(\ln(u))^2}{(\ln(v))^2 w^2 \pi^2}$	E	E	CDIF	AB
16607	13650	1	$\sqrt{\frac{\ln(u)}{\ln(v) w \pi}}$	E	E	CDIF	R
16608	13651	1	$\frac{(\ln(u))^3}{(\ln(v))^3 w^3 \pi^3}$	E	E	CDIF	K
16609	13652	1	$u^{\frac{1}{\ln(v) w \pi}}$	E	E	CDIF	E
16610	13653	1	$\log\left(\frac{\ln(u)}{\ln(v) w \pi}\right)$	E	E	CDIF	L
16611	13654	1	$\arcsin\left(\frac{\ln(u)}{\ln(v) w \pi}\right)$	E	E	CDIF	S
16612	13655	1	$\arctan\left(\frac{\ln(u)}{\ln(v) w \pi}\right)$	E	E	CDIF	T
16613	13656	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 - (\ln(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	E	E	CDIF	P
16614	13657	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + (\ln(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	E	E	CDIF	H
16615	13658	1	$\frac{\ln(u) \sqrt{w}}{\ln(v)}$	E	E	AB	CD

16616	13659	1	$\frac{\ln(v)}{\ln(u)\sqrt{w}}$	E	E	AB	CDI
16617	13660	1	$\frac{\ln(u)\sqrt{w}\pi}{\ln(v)}$	E	E	AB	CDF
16618	13661	1	$\frac{\ln(v)}{\ln(u)\sqrt{w}\pi}$	E	E	AB	CDIF
16619	13662	1	$\frac{(\ln(u))^2 w}{(\ln(v))^2}$	E	E	AB	AB
16620	13663	1	$\sqrt{\frac{\ln(u)\sqrt{w}}{\ln(v)}}$	E	E	AB	R
16621	13664	1	$\frac{(\ln(u))^3 w^{3/2}}{(\ln(v))^3}$	E	E	AB	K
16622	13665	1	$u^{\frac{\sqrt{w}}{\ln(v)}}$	E	E	AB	E
16623	13666	1	$\log\left(\frac{\ln(u)\sqrt{w}}{\ln(v)}\right)$	E	E	AB	L
16624	13667	1	$\arcsin\left(\frac{\ln(u)\sqrt{w}}{\ln(v)}\right)$	E	E	AB	S
16625	13668	1	$\arctan\left(\frac{\ln(u)\sqrt{w}}{\ln(v)}\right)$	E	E	AB	T
16626	13669	1	$\sqrt{-\frac{(\ln(v))^2 + (\ln(u))^2 w}{(\ln(v))^2}}$	E	E	AB	P
16627	13670	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 w}{(\ln(v))^2}}$	E	E	AB	H
16628	13671	1	$\frac{\ln(u)w^2}{\ln(v)}$	E	E	R	CD
16629	13672	1	$\frac{\ln(v)}{\ln(u)w^2}$	E	E	R	CDI
16630	13673	1	$\frac{\ln(u)w^2\pi}{\ln(v)}$	E	E	R	CDF

16631	13674	1	$\frac{\ln(v)}{\ln(u) w^2 \pi}$	E	E	R	CDIF
16632	13675	1	$\frac{(\ln(u))^2 w^4}{(\ln(v))^2}$	E	E	R	AB
16633	13676	1	$\sqrt{\frac{\ln(u) w^2}{\ln(v)}}$	E	E	R	R
16634	13677	1	$\frac{(\ln(u))^3 w^6}{(\ln(v))^3}$	E	E	R	K
16635	13678	1	$u^{\frac{w^2}{\ln(v)}}$	E	E	R	E
16636	13679	1	$\log\left(\frac{\ln(u) w^2}{\ln(v)}\right)$	E	E	R	L
16637	13680	1	$\arcsin\left(\frac{\ln(u) w^2}{\ln(v)}\right)$	E	E	R	S
16638	13681	1	$\arctan\left(\frac{\ln(u) w^2}{\ln(v)}\right)$	E	E	R	T
16639	13682	1	$\sqrt{-\frac{(\ln(v))^2 + (\ln(u))^2 w^4}{(\ln(v))^2}}$	E	E	R	P
16640	13683	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 w^4}{(\ln(v))^2}}$	E	E	R	H
16641	13684	1	$\frac{\ln(u) \sqrt[3]{w}}{\ln(v)}$	E	E	K	CD
16642	13685	1	$\frac{\ln(v)}{\ln(u) \sqrt[3]{w}}$	E	E	K	CDI
16643	13686	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\ln(v)}$	E	E	K	CDF
16644	13687	1	$\frac{\ln(v)}{\ln(u) \sqrt[3]{w} \pi}$	E	E	K	CDIF

16645	13688	1	$\frac{(\ln(u))^2 w^{2/3}}{(\ln(v))^2}$	E	E	K	AB
16646	13689	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\ln(v)}}$	E	E	K	R
16647	13690	1	$\frac{(\ln(u))^3 w}{(\ln(v))^3}$	E	E	K	K
16648	13691	1	$u^{\frac{\sqrt[3]{w}}{\ln(v)}}$	E	E	K	E
16649	13692	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\ln(v)}\right)$	E	E	K	L
16650	13693	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\ln(v)}\right)$	E	E	K	S
16651	13694	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\ln(v)}\right)$	E	E	K	T
16652	13695	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 w^{2/3}}{(\ln(v))^2}}$	E	E	K	P
16653	13696	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 w^{2/3}}{(\ln(v))^2}}$	E	E	K	H
16654	13697	1	$\frac{\ln(u) \ln(w)}{\ln(v)}$	E	E	E	CD
16655	13698	1	$\frac{\ln(v)}{\ln(u) \ln(w)}$	E	E	E	CDI
16656	13699	1	$\frac{\ln(u) \ln(w) \pi}{\ln(v)}$	E	E	E	CDF
16657	13700	1	$\frac{\ln(v)}{\ln(u) \ln(w) \pi}$	E	E	E	CDIF
16658	13701	1	$\frac{(\ln(u))^2 (\ln(w))^2}{(\ln(v))^2}$	E	E	E	AB

16659	13702	1	$\sqrt{\frac{\ln(u) \ln(w)}{\ln(v)}}$	E	E	E	R
16660	13703	1	$\frac{(\ln(u))^3 (\ln(w))^3}{(\ln(v))^3}$	E	E	E	K
16661	13704	1	$u^{\frac{\ln(w)}{\ln(v)}}$	E	E	E	E
16662	13705	1	$\log\left(\frac{\ln(u) \ln(w)}{\ln(v)}\right)$	E	E	E	L
16663	13706	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\ln(v)}\right)$	E	E	E	S
16664	13707	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\ln(v)}\right)$	E	E	E	T
16665	13708	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	E	E	E	P
16666	13709	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	E	E	E	H
16667	13710	1	$\frac{\ln(u) \text{Exp}(w)}{\ln(v)}$	E	E	L	CD
16668	13711	1	$\frac{\ln(v)}{\ln(u) \text{Exp}(w)}$	E	E	L	CDI
16669	13712	1	$\frac{\ln(u) \text{Exp}(w) \pi}{\ln(v)}$	E	E	L	CDF
16670	13713	1	$\frac{\ln(v)}{\ln(u) \text{Exp}(w) \pi}$	E	E	L	CDIF
16671	13714	1	$\frac{(\ln(u))^2 (\text{Exp}(w))^2}{(\ln(v))^2}$	E	E	L	AB
16672	13715	1	$\sqrt{\frac{\ln(u) \text{Exp}(w)}{\ln(v)}}$	E	E	L	R

16673	13716	1	$\frac{(\ln(u))^3 (\text{Exp}(w))^3}{(\ln(v))^3}$	E	E	L	K
16674	13717	1	$u^{\frac{\text{Exp}(w)}{\ln(v)}}$	E	E	L	E
16675	13718	1	$\log\left(\frac{\ln(u) \text{Exp}(w)}{\ln(v)}\right)$	E	E	L	L
16676	13719	1	$\arcsin\left(\frac{\ln(u) \text{Exp}(w)}{\ln(v)}\right)$	E	E	L	S
16677	13720	1	$\arctan\left(\frac{\ln(u) \text{Exp}(w)}{\ln(v)}\right)$	E	E	L	T
16678	13721	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 (\text{Exp}(w))^2}{(\ln(v))^2}}$	E	E	L	P
16679	13722	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 (\text{Exp}(w))^2}{(\ln(v))^2}}$	E	E	L	H
16680	13723	1	$\frac{\ln(u) \sin(w)}{\ln(v)}$	E	E	S	CD
16681	13724	1	$\frac{\ln(v)}{\ln(u) \sin(w)}$	E	E	S	CDI
16682	13725	1	$\frac{\ln(u) \sin(w) \pi}{\ln(v)}$	E	E	S	CDF
16683	13726	1	$\frac{\ln(v)}{\ln(u) \sin(w) \pi}$	E	E	S	CDIF
16684	13727	1	$\frac{(\ln(u))^2 (\sin(w))^2}{(\ln(v))^2}$	E	E	S	AB
16685	13728	1	$\sqrt{\frac{\ln(u) \sin(w)}{\ln(v)}}$	E	E	S	R
16686	13729	1	$\frac{(\ln(u))^3 (\sin(w))^3}{(\ln(v))^3}$	E	E	S	K
16687	13730	1	$u^{\frac{\sin(w)}{\ln(v)}}$	E	E	S	E

16688	13731	1	$\log \left(\frac{\ln(u) \sin(w)}{\ln(v)} \right)$	E	E	S	L
16689	13732	1	$\arcsin \left(\frac{\ln(u) \sin(w)}{\ln(v)} \right)$	E	E	S	S
16690	13733	1	$\arctan \left(\frac{\ln(u) \sin(w)}{\ln(v)} \right)$	E	E	S	T
16691	13734	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	E	E	S	P
16692	13735	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	E	E	S	H
16693	13736	1	$\frac{\ln(u) \tan(w)}{\ln(v)}$	E	E	T	CD
16694	13737	1	$\frac{\ln(v)}{\ln(u) \tan(w)}$	E	E	T	CDI
16695	13738	1	$\frac{\ln(u) \tan(w) \pi}{\ln(v)}$	E	E	T	CDF
16696	13739	1	$\frac{\ln(v)}{\ln(u) \tan(w) \pi}$	E	E	T	CDIF
16697	13740	1	$\frac{(\ln(u))^2 (\tan(w))^2}{(\ln(v))^2}$	E	E	T	AB
16698	13741	1	$\sqrt{\frac{\ln(u) \tan(w)}{\ln(v)}}$	E	E	T	R
16699	13742	1	$\frac{(\ln(u))^3 (\tan(w))^3}{(\ln(v))^3}$	E	E	T	K
16700	13743	1	$u^{\frac{\tan(w)}{\ln(v)}}$	E	E	T	E
16701	13744	1	$\log \left(\frac{\ln(u) \tan(w)}{\ln(v)} \right)$	E	E	T	L

16702	13745	1	$\arcsin\left(\frac{\ln(u)\tan(w)}{\ln(v)}\right)$	E	E	T	S
16703	13746	1	$\arctan\left(\frac{\ln(u)\tan(w)}{\ln(v)}\right)$	E	E	T	T
16704	13747	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 (\tan(w))^2}{(\ln(v))^2}}$	E	E	T	P
16705	13748	1	$\sqrt{\frac{(\ln(v))^2 + (\ln(u))^2 (\tan(w))^2}{(\ln(v))^2}}$	E	E	T	H
16706	13749	1	$\frac{\ln(u)\sqrt{1-w^2}}{\ln(v)}$	E	E	P	CD
16707	13750	1	$\frac{\ln(v)}{\ln(u)\sqrt{1-w^2}}$	E	E	P	CDI
16708	13751	1	$\frac{\ln(u)\sqrt{1-w^2}\pi}{\ln(v)}$	E	E	P	CDF
16709	13752	1	$\frac{\ln(v)}{\ln(u)\sqrt{1-w^2}\pi}$	E	E	P	CDIF
16710	13753	1	$-\frac{(\ln(u))^2(-1+w^2)}{(\ln(v))^2}$	E	E	P	AB
16711	13754	1	$\sqrt{\frac{\ln(u)\sqrt{1-w^2}}{\ln(v)}}$	E	E	P	R
16712	13755	1	$\frac{(\ln(u))^3(1-w^2)^{3/2}}{(\ln(v))^3}$	E	E	P	K
16713	13756	1	$u^{\frac{\sqrt{1-w^2}}{\ln(v)}}$	E	E	P	E
16714	13757	1	$\log\left(\frac{\ln(u)\sqrt{1-w^2}}{\ln(v)}\right)$	E	E	P	L
16715	13758	1	$\arcsin\left(\frac{\ln(u)\sqrt{1-w^2}}{\ln(v)}\right)$	E	E	P	S

16716	13759	1	$\arctan\left(\frac{\ln(u)\sqrt{1-w^2}}{\ln(v)}\right)$	E	E	P	T
16717	13760	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	P	P
16718	13760	2	$\sqrt{\frac{(\ln(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	H	H
16719	13761	1	$\sqrt{-\frac{(\ln(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	P	H
16720	13761	2	$\sqrt{-\frac{(\ln(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\ln(v))^2}}$	E	E	H	P
16721	13762	1	$\frac{\ln(u)\sqrt{-1+w^2}}{\ln(v)}$	E	E	H	CD
16722	13763	1	$\frac{\ln(v)}{\ln(u)\sqrt{-1+w^2}}$	E	E	H	CDI
16723	13764	1	$\frac{\ln(u)\sqrt{-1+w^2}\pi}{\ln(v)}$	E	E	H	CDF
16724	13765	1	$\frac{\ln(v)}{\ln(u)\sqrt{-1+w^2}\pi}$	E	E	H	CDIF
16725	13766	1	$\frac{(\ln(u))^2(-1+w^2)}{(\ln(v))^2}$	E	E	H	AB
16726	13767	1	$\sqrt{\frac{\ln(u)\sqrt{-1+w^2}}{\ln(v)}}$	E	E	H	R
16727	13768	1	$\frac{(\ln(u))^3(-1+w^2)^{3/2}}{(\ln(v))^3}$	E	E	H	K
16728	13769	1	$u^{\frac{\sqrt{-1+w^2}}{\ln(v)}}$	E	E	H	E
16729	13770	1	$\log\left(\frac{\ln(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	E	E	H	L

16730	13771	1	$\arcsin\left(\frac{\ln(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	E	E	H	S
16731	13772	1	$\arctan\left(\frac{\ln(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	E	E	H	T
16732	13773	1	$\frac{\ln(u)w}{Exp(v)}$	E	L	CD	CD
16733	13773	2	$\frac{\ln(u)w}{Exp(v)}$	E	L	CDF	CDF
16734	13774	1	$\frac{Exp(v)}{\ln(u)w}$	E	L	CD	CDI
16735	13774	2	$\frac{Exp(v)}{\ln(u)w}$	E	L	CDF	CDIF
16736	13775	1	$\frac{\ln(u)w\pi}{Exp(v)}$	E	L	CD	CDF
16737	13776	1	$\frac{Exp(v)}{\ln(u)w\pi}$	E	L	CD	CDIF
16738	13777	1	$\frac{(\ln(u))^2 w^2}{(Exp(v))^2}$	E	L	CD	AB
16739	13778	1	$\sqrt{\frac{\ln(u)w}{Exp(v)}}$	E	L	CD	R
16740	13779	1	$\frac{(\ln(u))^3 w^3}{(Exp(v))^3}$	E	L	CD	K
16741	13780	1	$u^{\frac{w}{Exp(v)}}$	E	L	CD	E
16742	13781	1	$\log\left(\frac{\ln(u)w}{Exp(v)}\right)$	E	L	CD	L
16743	13782	1	$\arcsin\left(\frac{\ln(u)w}{Exp(v)}\right)$	E	L	CD	S
16744	13783	1	$\arctan\left(\frac{\ln(u)w}{Exp(v)}\right)$	E	L	CD	T

16745	13784	1	$\sqrt{-\frac{(Exp(v))^2 + (\ln(u))^2 w^2}{(Exp(v))^2}}$	E	L	CD	P
16746	13785	1	$\sqrt{\frac{(Exp(v))^2 + (\ln(u))^2 w^2}{(Exp(v))^2}}$	E	L	CD	H
16747	13786	1	$\frac{\ln(u)}{Exp(v) w}$	E	L	CDI	CD
16748	13786	2	$\frac{\ln(u)}{Exp(v) w}$	E	L	CDIF	CDF
16749	13787	1	$\frac{Exp(v) w}{\ln(u)}$	E	L	CDI	CDI
16750	13787	2	$\frac{Exp(v) w}{\ln(u)}$	E	L	CDIF	CDIF
16751	13788	1	$\frac{\ln(u) \pi}{Exp(v) w}$	E	L	CDI	CDF
16752	13789	1	$\frac{Exp(v) w}{\ln(u) \pi}$	E	L	CDI	CDIF
16753	13790	1	$\frac{(\ln(u))^2}{(Exp(v))^2 w^2}$	E	L	CDI	AB
16754	13791	1	$\sqrt{\frac{\ln(u)}{Exp(v) w}}$	E	L	CDI	R
16755	13792	1	$\frac{(\ln(u))^3}{(Exp(v))^3 w^3}$	E	L	CDI	K
16756	13793	1	$u^{\frac{1}{Exp(v) w}}$	E	L	CDI	E
16757	13794	1	$\log\left(\frac{\ln(u)}{Exp(v) w}\right)$	E	L	CDI	L
16758	13795	1	$\arcsin\left(\frac{\ln(u)}{Exp(v) w}\right)$	E	L	CDI	S
16759	13796	1	$\arctan\left(\frac{\ln(u)}{Exp(v) w}\right)$	E	L	CDI	T

16760	13797	1	$\sqrt{\frac{(Exp(v))^2 w^2 - (\ln(u))^2}{(Exp(v))^2 w^2}}$	E	L	CDI	P
16761	13798	1	$\sqrt{\frac{(Exp(v))^2 w^2 + (\ln(u))^2}{(Exp(v))^2 w^2}}$	E	L	CDI	H
16762	13799	1	$\frac{\ln(u) w}{Exp(v) \pi}$	E	L	CDF	CD
16763	13800	1	$\frac{Exp(v) \pi}{\ln(u) w}$	E	L	CDF	CDI
16764	13801	1	$\frac{(\ln(u))^2 w^2}{(Exp(v))^2 \pi^2}$	E	L	CDF	AB
16765	13802	1	$\sqrt{\frac{\ln(u) w}{Exp(v) \pi}}$	E	L	CDF	R
16766	13803	1	$\frac{(\ln(u))^3 w^3}{(Exp(v))^3 \pi^3}$	E	L	CDF	K
16767	13804	1	$u^{\frac{w}{Exp(v) \pi}}$	E	L	CDF	E
16768	13805	1	$\log\left(\frac{\ln(u) w}{Exp(v) \pi}\right)$	E	L	CDF	L
16769	13806	1	$\arcsin\left(\frac{\ln(u) w}{Exp(v) \pi}\right)$	E	L	CDF	S
16770	13807	1	$\arctan\left(\frac{\ln(u) w}{Exp(v) \pi}\right)$	E	L	CDF	T
16771	13808	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 - (\ln(u))^2 w^2}{(Exp(v))^2 \pi^2}}$	E	L	CDF	P
16772	13809	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + (\ln(u))^2 w^2}{(Exp(v))^2 \pi^2}}$	E	L	CDF	H
16773	13810	1	$\frac{\ln(u)}{Exp(v) w \pi}$	E	L	CDIF	CD

16774	13811	1	$\frac{Exp(v) w \pi}{\ln(u)}$	E	L	CDIF	CDI
16775	13812	1	$\frac{(\ln(u))^2}{(Exp(v))^2 w^2 \pi^2}$	E	L	CDIF	AB
16776	13813	1	$\sqrt{\frac{\ln(u)}{Exp(v) w \pi}}$	E	L	CDIF	R
16777	13814	1	$\frac{(\ln(u))^3}{(Exp(v))^3 w^3 \pi^3}$	E	L	CDIF	K
16778	13815	1	$u^{\frac{1}{Exp(v) w \pi}}$	E	L	CDIF	E
16779	13816	1	$\log\left(\frac{\ln(u)}{Exp(v) w \pi}\right)$	E	L	CDIF	L
16780	13817	1	$\arcsin\left(\frac{\ln(u)}{Exp(v) w \pi}\right)$	E	L	CDIF	S
16781	13818	1	$\arctan\left(\frac{\ln(u)}{Exp(v) w \pi}\right)$	E	L	CDIF	T
16782	13819	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - (\ln(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	E	L	CDIF	P
16783	13820	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + (\ln(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	E	L	CDIF	H
16784	13821	1	$\frac{\ln(u) \sqrt{w}}{Exp(v)}$	E	L	AB	CD
16785	13822	1	$\frac{Exp(v)}{\ln(u) \sqrt{w}}$	E	L	AB	CDI
16786	13823	1	$\frac{\ln(u) \sqrt{w} \pi}{Exp(v)}$	E	L	AB	CDF
16787	13824	1	$\frac{Exp(v)}{\ln(u) \sqrt{w} \pi}$	E	L	AB	CDIF
16788	13825	1	$\frac{(\ln(u))^2 w}{(Exp(v))^2}$	E	L	AB	AB

16789	13826	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{\text{Exp}(v)}}$	E	L	AB	R
16790	13827	1	$\frac{(\ln(u))^3 w^{3/2}}{(\text{Exp}(v))^3}$	E	L	AB	K
16791	13828	1	$u^{\frac{\sqrt{w}}{\text{Exp}(v)}}$	E	L	AB	E
16792	13829	1	$\log\left(\frac{\ln(u) \sqrt{w}}{\text{Exp}(v)}\right)$	E	L	AB	L
16793	13830	1	$\arcsin\left(\frac{\ln(u) \sqrt{w}}{\text{Exp}(v)}\right)$	E	L	AB	S
16794	13831	1	$\arctan\left(\frac{\ln(u) \sqrt{w}}{\text{Exp}(v)}\right)$	E	L	AB	T
16795	13832	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + (\ln(u))^2 w}{(\text{Exp}(v))^2}}$	E	L	AB	P
16796	13833	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\ln(u))^2 w}{(\text{Exp}(v))^2}}$	E	L	AB	H
16797	13834	1	$\frac{\ln(u) w^2}{\text{Exp}(v)}$	E	L	R	CD
16798	13835	1	$\frac{\text{Exp}(v)}{\ln(u) w^2}$	E	L	R	CDI
16799	13836	1	$\frac{\ln(u) w^2 \pi}{\text{Exp}(v)}$	E	L	R	CDF
16800	13837	1	$\frac{\text{Exp}(v)}{\ln(u) w^2 \pi}$	E	L	R	CDIF
16801	13838	1	$\frac{(\ln(u))^2 w^4}{(\text{Exp}(v))^2}$	E	L	R	AB
16802	13839	1	$\sqrt{\frac{\ln(u) w^2}{\text{Exp}(v)}}$	E	L	R	R

16803	13840	1	$\frac{(\ln(u))^3 w^6}{(Exp(v))^3}$	E	L	R	K
16804	13841	1	$u^{\frac{w^2}{Exp(v)}}$	E	L	R	E
16805	13842	1	$\log\left(\frac{\ln(u) w^2}{Exp(v)}\right)$	E	L	R	L
16806	13843	1	$\arcsin\left(\frac{\ln(u) w^2}{Exp(v)}\right)$	E	L	R	S
16807	13844	1	$\arctan\left(\frac{\ln(u) w^2}{Exp(v)}\right)$	E	L	R	T
16808	13845	1	$\sqrt{-\frac{(Exp(v))^2 + (\ln(u))^2 w^4}{(Exp(v))^2}}$	E	L	R	P
16809	13846	1	$\sqrt{\frac{(Exp(v))^2 + (\ln(u))^2 w^4}{(Exp(v))^2}}$	E	L	R	H
16810	13847	1	$\frac{\ln(u) \sqrt[3]{w}}{Exp(v)}$	E	L	K	CD
16811	13848	1	$\frac{Exp(v)}{\ln(u) \sqrt[3]{w}}$	E	L	K	CDI
16812	13849	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{Exp(v)}$	E	L	K	CDF
16813	13850	1	$\frac{Exp(v)}{\ln(u) \sqrt[3]{w} \pi}$	E	L	K	CDIF
16814	13851	1	$\frac{(\ln(u))^2 w^{2/3}}{(Exp(v))^2}$	E	L	K	AB
16815	13852	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{Exp(v)}}$	E	L	K	R
16816	13853	1	$\frac{(\ln(u))^3 w}{(Exp(v))^3}$	E	L	K	K
16817	13854	1	$u^{\frac{\sqrt[3]{w}}{Exp(v)}}$	E	L	K	E

16818	13855	1	$\log \left(\frac{\ln(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	E	L	K	L
16819	13856	1	$\arcsin \left(\frac{\ln(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	E	L	K	S
16820	13857	1	$\arctan \left(\frac{\ln(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	E	L	K	T
16821	13858	1	$\sqrt{\frac{(\text{Exp}(v))^2 - (\ln(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	E	L	K	P
16822	13859	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\ln(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	E	L	K	H
16823	13860	1	$\frac{\ln(u) \ln(w)}{\text{Exp}(v)}$	E	L	E	CD
16824	13861	1	$\frac{\text{Exp}(v)}{\ln(u) \ln(w)}$	E	L	E	CDI
16825	13862	1	$\frac{\ln(u) \ln(w) \pi}{\text{Exp}(v)}$	E	L	E	CDF
16826	13863	1	$\frac{\text{Exp}(v)}{\ln(u) \ln(w) \pi}$	E	L	E	CDIF
16827	13864	1	$\frac{(\ln(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}$	E	L	E	AB
16828	13865	1	$\sqrt{\frac{\ln(u) \ln(w)}{\text{Exp}(v)}}$	E	L	E	R
16829	13866	1	$\frac{(\ln(u))^3 (\ln(w))^3}{(\text{Exp}(v))^3}$	E	L	E	K
16830	13867	1	$u^{\frac{\ln(w)}{\text{Exp}(v)}}$	E	L	E	E
16831	13868	1	$\log \left(\frac{\ln(u) \ln(w)}{\text{Exp}(v)} \right)$	E	L	E	L

16832	13869	1	$\arcsin\left(\frac{\ln(u)\ln(w)}{\text{Exp}(v)}\right)$	E	L	E	S
16833	13870	1	$\arctan\left(\frac{\ln(u)\ln(w)}{\text{Exp}(v)}\right)$	E	L	E	T
16834	13871	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	E	L	E	P
16835	13872	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	E	L	E	H
16836	13873	1	$\frac{\ln(u)\text{Exp}(w)}{\text{Exp}(v)}$	E	L	L	CD
16837	13874	1	$\frac{\text{Exp}(v)}{\ln(u)\text{Exp}(w)}$	E	L	L	CDI
16838	13875	1	$\frac{\ln(u)\text{Exp}(w)\pi}{\text{Exp}(v)}$	E	L	L	CDF
16839	13876	1	$\frac{\text{Exp}(v)}{\ln(u)\text{Exp}(w)\pi}$	E	L	L	CDIF
16840	13877	1	$\frac{(\ln(u))^2 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}$	E	L	L	AB
16841	13878	1	$\sqrt{\frac{\ln(u)\text{Exp}(w)}{\text{Exp}(v)}}$	E	L	L	R
16842	13879	1	$\frac{(\ln(u))^3 (\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	E	L	L	K
16843	13880	1	$u^{\frac{\text{Exp}(w)}{\text{Exp}(v)}}$	E	L	L	E
16844	13881	1	$\log\left(\frac{\ln(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	E	L	L	L
16845	13882	1	$\arcsin\left(\frac{\ln(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	E	L	L	S
16846	13883	1	$\arctan\left(\frac{\ln(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	E	L	L	T

16847	13884	1	$\sqrt{\frac{(Exp(v))^2 - (\ln(u))^2 (Exp(w))^2}{(Exp(v))^2}}$	E	L	L	P
16848	13885	1	$\sqrt{\frac{(Exp(v))^2 + (\ln(u))^2 (Exp(w))^2}{(Exp(v))^2}}$	E	L	L	H
16849	13886	1	$\frac{\ln(u) \sin(w)}{Exp(v)}$	E	L	S	CD
16850	13887	1	$\frac{Exp(v)}{\ln(u) \sin(w)}$	E	L	S	CDI
16851	13888	1	$\frac{\ln(u) \sin(w) \pi}{Exp(v)}$	E	L	S	CDF
16852	13889	1	$\frac{Exp(v)}{\ln(u) \sin(w) \pi}$	E	L	S	CDIF
16853	13890	1	$\frac{(\ln(u))^2 (\sin(w))^2}{(Exp(v))^2}$	E	L	S	AB
16854	13891	1	$\sqrt{\frac{\ln(u) \sin(w)}{Exp(v)}}$	E	L	S	R
16855	13892	1	$\frac{(\ln(u))^3 (\sin(w))^3}{(Exp(v))^3}$	E	L	S	K
16856	13893	1	$u^{\frac{\sin(w)}{Exp(v)}}$	E	L	S	E
16857	13894	1	$\log\left(\frac{\ln(u) \sin(w)}{Exp(v)}\right)$	E	L	S	L
16858	13895	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{Exp(v)}\right)$	E	L	S	S
16859	13896	1	$\arctan\left(\frac{\ln(u) \sin(w)}{Exp(v)}\right)$	E	L	S	T
16860	13897	1	$\sqrt{\frac{(Exp(v))^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{(Exp(v))^2}}$	E	S	P	

16861	13898	1	$\sqrt{\frac{(Exp(v))^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{(Exp(v))^2}}$	E	L	S	H
16862	13899	1	$\frac{\ln(u) \tan(w)}{Exp(v)}$	E	L	T	CD
16863	13900	1	$\frac{Exp(v)}{\ln(u) \tan(w)}$	E	L	T	CDI
16864	13901	1	$\frac{\ln(u) \tan(w) \pi}{Exp(v)}$	E	L	T	CDF
16865	13902	1	$\frac{Exp(v)}{\ln(u) \tan(w) \pi}$	E	L	T	CDIF
16866	13903	1	$\frac{(\ln(u))^2 (\tan(w))^2}{(Exp(v))^2}$	E	L	T	AB
16867	13904	1	$\sqrt{\frac{\ln(u) \tan(w)}{Exp(v)}}$	E	L	T	R
16868	13905	1	$\frac{(\ln(u))^3 (\tan(w))^3}{(Exp(v))^3}$	E	L	T	K
16869	13906	1	$u^{\frac{\tan(w)}{Exp(v)}}$	E	L	T	E
16870	13907	1	$\log\left(\frac{\ln(u) \tan(w)}{Exp(v)}\right)$	E	L	T	L
16871	13908	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{Exp(v)}\right)$	E	L	T	S
16872	13909	1	$\arctan\left(\frac{\ln(u) \tan(w)}{Exp(v)}\right)$	E	L	T	T
16873	13910	1	$\sqrt{-\frac{(Exp(v))^2 + (\ln(u))^2 (\tan(w))^2}{(Exp(v))^2}}$	E	L	T	P
16874	13911	1	$\sqrt{\frac{(Exp(v))^2 + (\ln(u))^2 (\tan(w))^2}{(Exp(v))^2}}$	E	L	T	H

16875	13912	1	$\frac{\ln(u) \sqrt{1-w^2}}{\text{Exp}(v)}$	E	L	P	CD
16876	13913	1	$\frac{\text{Exp}(v)}{\ln(u) \sqrt{1-w^2}}$	E	L	P	CDI
16877	13914	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\text{Exp}(v)}$	E	L	P	CDF
16878	13915	1	$\frac{\text{Exp}(v)}{\ln(u) \sqrt{1-w^2} \pi}$	E	L	P	CDIF
16879	13916	1	$-\frac{(\ln(u))^2 (-1+w^2)}{(\text{Exp}(v))^2}$	E	L	P	AB
16880	13917	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\text{Exp}(v)}}$	E	L	P	R
16881	13918	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{(\text{Exp}(v))^3}$	E	L	P	K
16882	13919	1	$u^{\frac{\sqrt{1-w^2}}{\text{Exp}(v)}}$	E	L	P	E
16883	13920	1	$\log\left(\frac{\ln(u) \sqrt{1-w^2}}{\text{Exp}(v)}\right)$	E	L	P	L
16884	13921	1	$\arcsin\left(\frac{\ln(u) \sqrt{1-w^2}}{\text{Exp}(v)}\right)$	E	L	P	S
16885	13922	1	$\arctan\left(\frac{\ln(u) \sqrt{1-w^2}}{\text{Exp}(v)}\right)$	E	L	P	T
16886	13923	1	$\sqrt{\frac{(\text{Exp}(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\text{Exp}(v))^2}}$	E	L	P	P
16887	13923	2	$\sqrt{\frac{(\text{Exp}(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\text{Exp}(v))^2}}$	E	L	H	H
16888	13924	1	$\sqrt{-\frac{(\text{Exp}(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\text{Exp}(v))^2}}$	E	L	P	H

16889	13924	2	$\sqrt{-\frac{(Exp(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(Exp(v))^2}}$	E	L	H	P
16890	13925	1	$\frac{\ln(u) \sqrt{-1+w^2}}{Exp(v)}$	E	L	H	CD
16891	13926	1	$\frac{Exp(v)}{\ln(u) \sqrt{-1+w^2}}$	E	L	H	CDI
16892	13927	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{Exp(v)}$	E	L	H	CDF
16893	13928	1	$\frac{Exp(v)}{\ln(u) \sqrt{-1+w^2} \pi}$	E	L	H	CDIF
16894	13929	1	$\frac{(\ln(u))^2 (-1+w^2)}{(Exp(v))^2}$	E	L	H	AB
16895	13930	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{Exp(v)}}$	E	L	H	R
16896	13931	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{(Exp(v))^3}$	E	L	H	K
16897	13932	1	$u^{\frac{\sqrt{-1+w^2}}{Exp(v)}}$	E	L	H	E
16898	13933	1	$\log\left(\frac{\ln(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	E	L	H	L
16899	13934	1	$\arcsin\left(\frac{\ln(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	E	L	H	S
16900	13935	1	$\arctan\left(\frac{\ln(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	E	L	H	T
16901	13936	1	$\frac{\ln(u) w}{\sin(v)}$	E	S	CD	CD
16902	13936	2	$\frac{\ln(u) w}{\sin(v)}$	E	S	CDF	CDF

16903	13937	1	$\frac{\sin(v)}{\ln(u) w}$	E	S	CD	CDI
16904	13937	2	$\frac{\sin(v)}{\ln(u) w}$	E	S	CDF	CDIF
16905	13938	1	$\frac{\ln(u) w \pi}{\sin(v)}$	E	S	CD	CDF
16906	13939	1	$\frac{\sin(v)}{\ln(u) w \pi}$	E	S	CD	CDIF
16907	13940	1	$\frac{(\ln(u))^2 w^2}{(\sin(v))^2}$	E	S	CD	AB
16908	13941	1	$\sqrt{\frac{\ln(u) w}{\sin(v)}}$	E	S	CD	R
16909	13942	1	$\frac{(\ln(u))^3 w^3}{(\sin(v))^3}$	E	S	CD	K
16910	13943	1	$u^{\frac{w}{\sin(v)}}$	E	S	CD	E
16911	13944	1	$\log\left(\frac{\ln(u) w}{\sin(v)}\right)$	E	S	CD	L
16912	13945	1	$\arcsin\left(\frac{\ln(u) w}{\sin(v)}\right)$	E	S	CD	S
16913	13946	1	$\arctan\left(\frac{\ln(u) w}{\sin(v)}\right)$	E	S	CD	T
16914	13947	1	$\sqrt{-\frac{1 + (\cos(v))^2 + (\ln(u))^2 w^2}{(\sin(v))^2}}$	E	S	CD	P
16915	13948	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\ln(u))^2 w^2}{(\sin(v))^2}}$	E	S	CD	H
16916	13949	1	$\frac{\ln(u)}{\sin(v) w}$	E	S	CDI	CD
16917	13949	2	$\frac{\ln(u)}{\sin(v) w}$	E	S	CDIF	CDF

16918	13950	1	$\frac{\sin(v) w}{\ln(u)}$	E	S	CDI	CDI
16919	13950	2	$\frac{\sin(v) w}{\ln(u)}$	E	S	CDIF	CDIF
16920	13951	1	$\frac{\ln(u) \pi}{\sin(v) w}$	E	S	CDI	CDF
16921	13952	1	$\frac{\sin(v) w}{\ln(u) \pi}$	E	S	CDI	CDIF
16922	13953	1	$\frac{(\ln(u))^2}{(\sin(v))^2 w^2}$	E	S	CDI	AB
16923	13954	1	$\sqrt{\frac{\ln(u)}{\sin(v) w}}$	E	S	CDI	R
16924	13955	1	$\frac{(\ln(u))^3}{(\sin(v))^3 w^3}$	E	S	CDI	K
16925	13956	1	$u^{\frac{1}{\sin(v) w}}$	E	S	CDI	E
16926	13957	1	$\log\left(\frac{\ln(u)}{\sin(v) w}\right)$	E	S	CDI	L
16927	13958	1	$\arcsin\left(\frac{\ln(u)}{\sin(v) w}\right)$	E	S	CDI	S
16928	13959	1	$\arctan\left(\frac{\ln(u)}{\sin(v) w}\right)$	E	S	CDI	T
16929	13960	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 + (\ln(u))^2}{(\sin(v))^2 w^2}} \mathbf{E}$		S	CDI	P
16930	13961	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 - (\ln(u))^2}{(\sin(v))^2 w^2}} \mathbf{E}$		S	CDI	H
16931	13962	1	$\frac{\ln(u) w}{\sin(v) \pi}$	E	S	CDF	CD
16932	13963	1	$\frac{\sin(v) \pi}{\ln(u) w}$	E	S	CDF	CDI

16933	13964	1	$\frac{(\ln(u))^2 w^2}{(\sin(v))^2 \pi^2}$	E	S	CDF	AB
16934	13965	1	$\sqrt{\frac{\ln(u) w}{\sin(v) \pi}}$	E	S	CDF	R
16935	13966	1	$\frac{(\ln(u))^3 w^3}{(\sin(v))^3 \pi^3}$	E	S	CDF	K
16936	13967	1	$u^{\frac{w}{\sin(v) \pi}}$	E	S	CDF	E
16937	13968	1	$\log\left(\frac{\ln(u) w}{\sin(v) \pi}\right)$	E	S	CDF	L
16938	13969	1	$\arcsin\left(\frac{\ln(u) w}{\sin(v) \pi}\right)$	E	S	CDF	S
16939	13970	1	$\arctan\left(\frac{\ln(u) w}{\sin(v) \pi}\right)$	E	S	CDF	T
16940	13971	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 + (\ln(u))^2 w^2}{(\sin(v))^2 \pi^2}}$	E	S	CDF	P
16941	13972	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - (\ln(u))^2 w^2}{(\sin(v))^2 \pi^2}}$	E	S	CDF	H
16942	13973	1	$\frac{\ln(u)}{\sin(v) w \pi}$	E	S	CDIF	CD
16943	13974	1	$\frac{\sin(v) w \pi}{\ln(u)}$	E	S	CDIF	CDI
16944	13975	1	$\frac{(\ln(u))^2}{(\sin(v))^2 w^2 \pi^2}$	E	S	CDIF	AB
16945	13976	1	$\sqrt{\frac{\ln(u)}{\sin(v) w \pi}}$	E	S	CDIF	R
16946	13977	1	$\frac{(\ln(u))^3}{(\sin(v))^3 w^3 \pi^3}$	E	S	CDIF	K

16947	13978	1	$u^{\frac{1}{\sin(v)w\pi}}$	E	S	CDIF	E
16948	13979	1	$\log\left(\frac{\ln(u)}{\sin(v)w\pi}\right)$	E	S	CDIF	L
16949	13980	1	$\arcsin\left(\frac{\ln(u)}{\sin(v)w\pi}\right)$	E	S	CDIF	S
16950	13981	1	$\arctan\left(\frac{\ln(u)}{\sin(v)w\pi}\right)$	E	S	CDIF	T
16951	13982	1	$\sqrt{-\frac{-w^2\pi^2 + w^2\pi^2(\cos(v))^2 + (\ln(u))^2}{(\sin(v))^2 w^2\pi^2}}$	E	S	CDIF	P
16952	13983	1	$\sqrt{-\frac{-w^2\pi^2 + w^2\pi^2(\cos(v))^2 - (\ln(u))^2}{(\sin(v))^2 w^2\pi^2}}$	E	S	CDIF	H
16953	13984	1	$\frac{\ln(u)\sqrt{w}}{\sin(v)}$	E	S	AB	CD
16954	13985	1	$\frac{\sin(v)}{\ln(u)\sqrt{w}}$	E	S	AB	CDI
16955	13986	1	$\frac{\ln(u)\sqrt{w}\pi}{\sin(v)}$	E	S	AB	CDF
16956	13987	1	$\frac{\sin(v)}{\ln(u)\sqrt{w}\pi}$	E	S	AB	CDIF
16957	13988	1	$\frac{(\ln(u))^2 w}{(\sin(v))^2}$	E	S	AB	AB
16958	13989	1	$\sqrt{\frac{\ln(u)\sqrt{w}}{\sin(v)}}$	E	S	AB	R
16959	13990	1	$\frac{(\ln(u))^3 w^{3/2}}{(\sin(v))^3}$	E	S	AB	K
16960	13991	1	$u^{\frac{\sqrt{w}}{\sin(v)}}$	E	S	AB	E
16961	13992	1	$\log\left(\frac{\ln(u)\sqrt{w}}{\sin(v)}\right)$	E	S	AB	L

16962	13993	1	$\arcsin\left(\frac{\ln(u)\sqrt{w}}{\sin(v)}\right)$	E	S	AB	S
16963	13994	1	$\arctan\left(\frac{\ln(u)\sqrt{w}}{\sin(v)}\right)$	E	S	AB	T
16964	13995	1	$\sqrt{-\frac{-1+(\cos(v))^2+(\ln(u))^2w}{(\sin(v))^2}}$	E	S	AB	P
16965	13996	1	$\sqrt{\frac{1-(\cos(v))^2+(\ln(u))^2w}{(\sin(v))^2}}$	E	S	AB	H
16966	13997	1	$\frac{\ln(u)w^2}{\sin(v)}$	E	S	R	CD
16967	13998	1	$\frac{\sin(v)}{\ln(u)w^2}$	E	S	R	CDI
16968	13999	1	$\frac{\ln(u)w^2\pi}{\sin(v)}$	E	S	R	CDF
16969	14000	1	$\frac{\sin(v)}{\ln(u)w^2\pi}$	E	S	R	CDIF
16970	14001	1	$\frac{(\ln(u))^2w^4}{(\sin(v))^2}$	E	S	R	AB
16971	14002	1	$\sqrt{\frac{\ln(u)w^2}{\sin(v)}}$	E	S	R	R
16972	14003	1	$\frac{(\ln(u))^3w^6}{(\sin(v))^3}$	E	S	R	K
16973	14004	1	$u^{\frac{w^2}{\sin(v)}}$	E	S	R	E
16974	14005	1	$\log\left(\frac{\ln(u)w^2}{\sin(v)}\right)$	E	S	R	L
16975	14006	1	$\arcsin\left(\frac{\ln(u)w^2}{\sin(v)}\right)$	E	S	R	S

16976	14007	1	$\arctan\left(\frac{\ln(u) w^2}{\sin(v)}\right)$	E	S	R	T
16977	14008	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\ln(u))^2 w^4}{(\sin(v))^2}}$	E	S	R	P
16978	14009	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\ln(u))^2 w^4}{(\sin(v))^2}}$	E	S	R	H
16979	14010	1	$\frac{\ln(u) \sqrt[3]{w}}{\sin(v)}$	E	S	K	CD
16980	14011	1	$\frac{\sin(v)}{\ln(u) \sqrt[3]{w}}$	E	S	K	CDI
16981	14012	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\sin(v)}$	E	S	K	CDF
16982	14013	1	$\frac{\sin(v)}{\ln(u) \sqrt[3]{w} \pi}$	E	S	K	CDIF
16983	14014	1	$\frac{(\ln(u))^2 w^{2/3}}{(\sin(v))^2}$	E	S	K	AB
16984	14015	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\sin(v)}}$	E	S	K	R
16985	14016	1	$\frac{(\ln(u))^3 w}{(\sin(v))^3}$	E	S	K	K
16986	14017	1	$u^{\frac{\sqrt[3]{w}}{\sin(v)}}$	E	S	K	E
16987	14018	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\sin(v)}\right)$	E	S	K	L
16988	14019	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\sin(v)}\right)$	E	S	K	S
16989	14020	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\sin(v)}\right)$	E	S	K	T

16990	14021	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\ln(u))^2 w^{2/3}}{(\sin(v))^2}}$	E	S	K	P
16991	14022	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\ln(u))^2 w^{2/3}}{(\sin(v))^2}}$	E	S	K	H
16992	14023	1	$\frac{\ln(u) \ln(w)}{\sin(v)}$	E	S	E	CD
16993	14024	1	$\frac{\sin(v)}{\ln(u) \ln(w)}$	E	S	E	CDI
16994	14025	1	$\frac{\ln(u) \ln(w) \pi}{\sin(v)}$	E	S	E	CDF
16995	14026	1	$\frac{\sin(v)}{\ln(u) \ln(w) \pi}$	E	S	E	CDIF
16996	14027	1	$\frac{(\ln(u))^2 (\ln(w))^2}{(\sin(v))^2}$	E	S	E	AB
16997	14028	1	$\sqrt{\frac{\ln(u) \ln(w)}{\sin(v)}}$	E	S	E	R
16998	14029	1	$\frac{(\ln(u))^3 (\ln(w))^3}{(\sin(v))^3}$	E	S	E	K
16999	14030	1	$u^{\frac{\ln(w)}{\sin(v)}}$	E	S	E	E
17000	14031	1	$\log\left(\frac{\ln(u) \ln(w)}{\sin(v)}\right)$	E	S	E	L
17001	14032	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\sin(v)}\right)$	E	S	E	S
17002	14033	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\sin(v)}\right)$	E	S	E	T
17003	14034	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\sin(v))^2}}$	E	S	E	P

17004	14035	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\sin(v))^2}}$	E	S	E	H
17005	14036	1	$\frac{\ln(u) \text{Exp}(w)}{\sin(v)}$	E	S	L	CD
17006	14037	1	$\frac{\sin(v)}{\ln(u) \text{Exp}(w)}$	E	S	L	CDI
17007	14038	1	$\frac{\ln(u) \text{Exp}(w) \pi}{\sin(v)}$	E	S	L	CDF
17008	14039	1	$\frac{\sin(v)}{\ln(u) \text{Exp}(w) \pi}$	E	S	L	CDIF
17009	14040	1	$\frac{(\ln(u))^2 (\text{Exp}(w))^2}{(\sin(v))^2}$	E	S	L	AB
17010	14041	1	$\sqrt{\frac{\ln(u) \text{Exp}(w)}{\sin(v)}}$	E	S	L	R
17011	14042	1	$\frac{(\ln(u))^3 (\text{Exp}(w))^3}{(\sin(v))^3}$	E	S	L	K
17012	14043	1	$u \frac{\text{Exp}(w)}{\sin(v)}$	E	S	L	E
17013	14044	1	$\log\left(\frac{\ln(u) \text{Exp}(w)}{\sin(v)}\right)$	E	S	L	L
17014	14045	1	$\arcsin\left(\frac{\ln(u) \text{Exp}(w)}{\sin(v)}\right)$	E	S	L	S
17015	14046	1	$\arctan\left(\frac{\ln(u) \text{Exp}(w)}{\sin(v)}\right)$	E	S	L	T
17016	14047	1	$\sqrt{-\frac{1 + (\cos(v))^2 + (\ln(u))^2 (\text{Exp}(w))^2}{(\sin(v))^2}}$	E	S	L	P
17017	14048	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\ln(u))^2 (\text{Exp}(w))^2}{(\sin(v))^2}}$	E	S	L	H

17018	14049	1	$\frac{\ln(u) \sin(w)}{\sin(v)}$	E	S	S	CD
17019	14050	1	$\frac{\sin(v)}{\ln(u) \sin(w)}$	E	S	S	CDI
17020	14051	1	$\frac{\ln(u) \sin(w) \pi}{\sin(v)}$	E	S	S	CDF
17021	14052	1	$\frac{\sin(v)}{\ln(u) \sin(w) \pi}$	E	S	S	CDIF
17022	14053	1	$\frac{(\ln(u))^2 (\sin(w))^2}{(\sin(v))^2}$	E	S	S	AB
17023	14054	1	$\sqrt{\frac{\ln(u) \sin(w)}{\sin(v)}}$	E	S	S	R
17024	14055	1	$\frac{(\ln(u))^3 (\sin(w))^3}{(\sin(v))^3}$	E	S	S	K
17025	14056	1	$u^{\frac{\sin(w)}{\sin(v)}}$	E	S	S	E
17026	14057	1	$\log\left(\frac{\ln(u) \sin(w)}{\sin(v)}\right)$	E	S	S	L
17027	14058	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{\sin(v)}\right)$	E	S	S	S
17028	14059	1	$\arctan\left(\frac{\ln(u) \sin(w)}{\sin(v)}\right)$	E	S	S	T
17029	14060	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{(\sin(v))^2}}$	E	S	S	P
17030	14061	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{(\sin(v))^2}}$	E	S	S	H
17031	14062	1	$\frac{\ln(u) \sin(w)}{\sin(v) \cos(w)}$	E	S	T	CD
17032	14063	1	$\frac{\sin(v) \cos(w)}{\ln(u) \sin(w)}$	E	S	T	CDI

17033	14064	1	$\frac{\ln(u) \sin(w) \pi}{\sin(v) \cos(w)}$	E	S	T	CDF
17034	14065	1	$\frac{\sin(v) \cos(w)}{\ln(u) \sin(w) \pi}$	E	S	T	CDIF
17035	14066	1	$\frac{(\ln(u))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	E	S	T	AB
17036	14067	1	$\sqrt{\frac{\ln(u) \sin(w)}{\sin(v) \cos(w)}}$	E	S	T	R
17037	14068	1	$\frac{(\ln(u))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	E	S	T	K
17038	14069	1	$u^{\frac{\sin(w)}{\sin(v) \cos(w)}}$	E	S	T	E
17039	14070	1	$\log\left(\frac{\ln(u) \sin(w)}{\sin(v) \cos(w)}\right)$	E	S	T	L
17040	14071	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{\sin(v) \cos(w)}\right)$	E	S	T	S
17041	14072	1	$\arctan\left(\frac{\ln(u) \sin(w)}{\sin(v) \cos(w)}\right)$	E	S	T	T
17042	14073	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 + (\ln(u))^2}{(\sin(v))^2 (\cos(w))^2} - (\ln(u))^2 (\cos(w))^2}$	E	S	T	P
17043	14074	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - (\ln(u))^2}{(\sin(v))^2 (\cos(w))^2} + (\ln(u))^2 (\cos(w))^2}$	E	S	T	H
17044	14075	1	$\frac{\ln(u) \sqrt{1-w^2}}{\sin(v)}$	E	S	P	CD
17045	14076	1	$\frac{\sin(v)}{\ln(u) \sqrt{1-w^2}}$	E	S	P	CDI
17046	14077	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\sin(v)}$	E	S	P	CDF

17047	14078	1	$\frac{\sin(v)}{\ln(u)\sqrt{1-w^2}\pi}$	E	S	P	CDIF
17048	14079	1	$-\frac{(\ln(u))^2(-1+w^2)}{(\sin(v))^2}$	E	S	P	AB
17049	14080	1	$\sqrt{\frac{\ln(u)\sqrt{1-w^2}}{\sin(v)}}$	E	S	P	R
17050	14081	1	$\frac{(\ln(u))^3(1-w^2)^{3/2}}{(\sin(v))^3}$	E	S	P	K
17051	14082	1	$u^{\frac{\sqrt{1-w^2}}{\sin(v)}}$	E	S	P	E
17052	14083	1	$\log\left(\frac{\ln(u)\sqrt{1-w^2}}{\sin(v)}\right)$	E	S	P	L
17053	14084	1	$\arcsin\left(\frac{\ln(u)\sqrt{1-w^2}}{\sin(v)}\right)$	E	S	P	S
17054	14085	1	$\arctan\left(\frac{\ln(u)\sqrt{1-w^2}}{\sin(v)}\right)$	E	S	P	T
17055	14086	1	$\sqrt{\frac{1-(\cos(v))^2-(\ln(u))^2+(\ln(u))^2w^2}{(\sin(v))^2}}$	E	S	P	P
17056	14086	2	$\sqrt{\frac{1-(\cos(v))^2-(\ln(u))^2+(\ln(u))^2w^2}{(\sin(v))^2}}$	E	S	H	H
17057	14087	1	$\sqrt{-\frac{-1+(\cos(v))^2-(\ln(u))^2+(\ln(u))^2w^2}{(\sin(v))^2}}$	E	S	P	H
17058	14087	2	$\sqrt{-\frac{-1+(\cos(v))^2-(\ln(u))^2+(\ln(u))^2w^2}{(\sin(v))^2}}$	E	S	H	P
17059	14088	1	$\frac{\ln(u)\sqrt{-1+w^2}}{\sin(v)}$	E	S	H	CD
17060	14089	1	$\frac{\sin(v)}{\ln(u)\sqrt{-1+w^2}}$	E	S	H	CDI

17061	14090	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{\sin(v)}$	E	S	H	CDF
17062	14091	1	$\frac{\sin(v)}{\ln(u) \sqrt{-1+w^2} \pi}$	E	S	H	CDIF
17063	14092	1	$\frac{(\ln(u))^2 (-1+w^2)}{(\sin(v))^2}$	E	S	H	AB
17064	14093	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{\sin(v)}}$	E	S	H	R
17065	14094	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{(\sin(v))^3}$	E	S	H	K
17066	14095	1	$u^{\frac{\sqrt{-1+w^2}}{\sin(v)}}$	E	S	H	E
17067	14096	1	$\log\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	E	S	H	L
17068	14097	1	$\arcsin\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	E	S	H	S
17069	14098	1	$\arctan\left(\frac{\ln(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	E	S	H	T
17070	14099	1	$\frac{\ln(u) w}{\tan(v)}$	E	T	CD	CD
17071	14099	2	$\frac{\ln(u) w}{\tan(v)}$	E	T	CDF	CDF
17072	14100	1	$\frac{\tan(v)}{\ln(u) w}$	E	T	CD	CDI
17073	14100	2	$\frac{\tan(v)}{\ln(u) w}$	E	T	CDF	CDIF
17074	14101	1	$\frac{\ln(u) w \pi}{\tan(v)}$	E	T	CD	CDF
17075	14102	1	$\frac{\tan(v)}{\ln(u) w \pi}$	E	T	CD	CDIF

17076 14103 1	$\frac{(\ln(u))^2 w^2}{(\tan(v))^2}$	E	T	CD	AB
17077 14104 1	$\sqrt{\frac{\ln(u) w}{\tan(v)}}$	E	T	CD	R
17078 14105 1	$\frac{(\ln(u))^3 w^3}{(\tan(v))^3}$	E	T	CD	K
17079 14106 1	$u^{\frac{w}{\tan(v)}}$	E	T	CD	E
17080 14107 1	$\log\left(\frac{\ln(u) w}{\tan(v)}\right)$	E	T	CD	L
17081 14108 1	$\arcsin\left(\frac{\ln(u) w}{\tan(v)}\right)$	E	T	CD	S
17082 14109 1	$\arctan\left(\frac{\ln(u) w}{\tan(v)}\right)$	E	T	CD	T
17083 14110 1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	CD	P
17084 14111 1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	CD	H
17085 14112 1	$\frac{\ln(u)}{\tan(v) w}$	E	T	CDI	CD
17086 14112 2	$\frac{\ln(u)}{\tan(v) w}$	E	T	CDIF	CDF
17087 14113 1	$\frac{\tan(v) w}{\ln(u)}$	E	T	CDI	CDI
17088 14113 2	$\frac{\tan(v) w}{\ln(u)}$	E	T	CDIF	CDIF
17089 14114 1	$\frac{\ln(u) \pi}{\tan(v) w}$	E	T	CDI	CDF
17090 14115 1	$\frac{\tan(v) w}{\ln(u) \pi}$	E	T	CDI	CDIF

17091	14116	1	$\frac{(\ln(u))^2}{(\tan(v))^2 w^2}$	E	T	CDI	AB
17092	14117	1	$\sqrt{\frac{\ln(u)}{\tan(v) w}}$	E	T	CDI	R
17093	14118	1	$\frac{(\ln(u))^3}{(\tan(v))^3 w^3}$	E	T	CDI	K
17094	14119	1	$u^{\frac{1}{\tan(v) w}}$	E	T	CDI	E
17095	14120	1	$\log\left(\frac{\ln(u)}{\tan(v) w}\right)$	E	T	CDI	L
17096	14121	1	$\arcsin\left(\frac{\ln(u)}{\tan(v) w}\right)$	E	T	CDI	S
17097	14122	1	$\arctan\left(\frac{\ln(u)}{\tan(v) w}\right)$	E	T	CDI	T
17098	14123	1	$\sqrt{\frac{(\tan(v))^2 w^2 - (\ln(u))^2}{(\tan(v))^2 w^2}}$	E	T	CDI	P
17099	14124	1	$\sqrt{\frac{(\tan(v))^2 w^2 + (\ln(u))^2}{(\tan(v))^2 w^2}}$	E	T	CDI	H
17100	14125	1	$\frac{\ln(u) w}{\tan(v) \pi}$	E	T	CDF	CD
17101	14126	1	$\frac{\tan(v) \pi}{\ln(u) w}$	E	T	CDF	CDI
17102	14127	1	$\frac{(\ln(u))^2 w^2}{(\tan(v))^2 \pi^2}$	E	T	CDF	AB
17103	14128	1	$\sqrt{\frac{\ln(u) w}{\tan(v) \pi}}$	E	T	CDF	R
17104	14129	1	$\frac{(\ln(u))^3 w^3}{(\tan(v))^3 \pi^3}$	E	T	CDF	K

17105	14130	1	$u^{\frac{w}{\tan(v)\pi}}$	E	T	CDF	E
17106	14131	1	$\log\left(\frac{\ln(u) w}{\tan(v) \pi}\right)$	E	T	CDF	L
17107	14132	1	$\arcsin\left(\frac{\ln(u) w}{\tan(v) \pi}\right)$	E	T	CDF	S
17108	14133	1	$\arctan\left(\frac{\ln(u) w}{\tan(v) \pi}\right)$	E	T	CDF	T
17109	14134	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 - (\ln(u))^2 w^2}{(\tan(v))^2 \pi^2}}$	E	T	CDF	P
17110	14135	1	$\sqrt{\frac{(\tan(v))^2 \pi^2 + (\ln(u))^2 w^2}{(\tan(v))^2 \pi^2}}$	E	T	CDF	H
17111	14136	1	$\frac{\ln(u)}{\tan(v) w \pi}$	E	T	CDIF	CD
17112	14137	1	$\frac{\tan(v) w \pi}{\ln(u)}$	E	T	CDIF	CDI
17113	14138	1	$\frac{(\ln(u))^2}{(\tan(v))^2 w^2 \pi^2}$	E	T	CDIF	AB
17114	14139	1	$\sqrt{\frac{\ln(u)}{\tan(v) w \pi}}$	E	T	CDIF	R
17115	14140	1	$\frac{(\ln(u))^3}{(\tan(v))^3 w^3 \pi^3}$	E	T	CDIF	K
17116	14141	1	$u^{\frac{1}{\tan(v) w \pi}}$	E	T	CDIF	E
17117	14142	1	$\log\left(\frac{\ln(u)}{\tan(v) w \pi}\right)$	E	T	CDIF	L
17118	14143	1	$\arcsin\left(\frac{\ln(u)}{\tan(v) w \pi}\right)$	E	T	CDIF	S
17119	14144	1	$\arctan\left(\frac{\ln(u)}{\tan(v) w \pi}\right)$	E	T	CDIF	T

17120	14145	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 - (\ln(u))^2}{(\tan(v))^2 w^2 \pi^2}}$	E	T	CDIF	P
17121	14146	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + (\ln(u))^2}{(\tan(v))^2 w^2 \pi^2}}$	E	T	CDIF	H
17122	14147	1	$\frac{\ln(u) \sqrt{w}}{\tan(v)}$	E	T	AB	CD
17123	14148	1	$\frac{\tan(v)}{\ln(u) \sqrt{w}}$	E	T	AB	CDI
17124	14149	1	$\frac{\ln(u) \sqrt{w} \pi}{\tan(v)}$	E	T	AB	CDF
17125	14150	1	$\frac{\tan(v)}{\ln(u) \sqrt{w} \pi}$	E	T	AB	CDIF
17126	14151	1	$\frac{(\ln(u))^2 w}{(\tan(v))^2}$	E	T	AB	AB
17127	14152	1	$\sqrt{\frac{\ln(u) \sqrt{w}}{\tan(v)}}$	E	T	AB	R
17128	14153	1	$\frac{(\ln(u))^3 w^{3/2}}{(\tan(v))^3}$	E	T	AB	K
17129	14154	1	$u^{\frac{\sqrt{w}}{\tan(v)}}$	E	T	AB	E
17130	14155	1	$\log\left(\frac{\ln(u) \sqrt{w}}{\tan(v)}\right)$	E	T	AB	L
17131	14156	1	$\arcsin\left(\frac{\ln(u) \sqrt{w}}{\tan(v)}\right)$	E	T	AB	S
17132	14157	1	$\arctan\left(\frac{\ln(u) \sqrt{w}}{\tan(v)}\right)$	E	T	AB	T
17133	14158	1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 w}{(\tan(v))^2}}$	E	T	AB	P

17134	14159	1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 w}{(\tan(v))^2}}$	E	T	AB	H
17135	14160	1	$\frac{\ln(u) w^2}{\tan(v)}$	E	T	R	CD
17136	14161	1	$\frac{\tan(v)}{\ln(u) w^2}$	E	T	R	CDI
17137	14162	1	$\frac{\ln(u) w^2 \pi}{\tan(v)}$	E	T	R	CDF
17138	14163	1	$\frac{\tan(v)}{\ln(u) w^2 \pi}$	E	T	R	CDIF
17139	14164	1	$\frac{(\ln(u))^2 w^4}{(\tan(v))^2}$	E	T	R	AB
17140	14165	1	$\sqrt{\frac{\ln(u) w^2}{\tan(v)}}$	E	T	R	R
17141	14166	1	$\frac{(\ln(u))^3 w^6}{(\tan(v))^3}$	E	T	R	K
17142	14167	1	$u^{\frac{w^2}{\tan(v)}}$	E	T	R	E
17143	14168	1	$\log\left(\frac{\ln(u) w^2}{\tan(v)}\right)$	E	T	R	L
17144	14169	1	$\arcsin\left(\frac{\ln(u) w^2}{\tan(v)}\right)$	E	T	R	S
17145	14170	1	$\arctan\left(\frac{\ln(u) w^2}{\tan(v)}\right)$	E	T	R	T
17146	14171	1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 w^4}{(\tan(v))^2}}$	E	T	R	P
17147	14172	1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 w^4}{(\tan(v))^2}}$	E	T	R	H

17148	14173	1	$\frac{\ln(u) \sqrt[3]{w}}{\tan(v)}$	E	T	K	CD
17149	14174	1	$\frac{\tan(v)}{\ln(u) \sqrt[3]{w}}$	E	T	K	CDI
17150	14175	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\tan(v)}$	E	T	K	CDF
17151	14176	1	$\frac{\tan(v)}{\ln(u) \sqrt[3]{w} \pi}$	E	T	K	CDIF
17152	14177	1	$\frac{(\ln(u))^2 w^{2/3}}{(\tan(v))^2}$	E	T	K	AB
17153	14178	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\tan(v)}}$	E	T	K	R
17154	14179	1	$\frac{(\ln(u))^3 w}{(\tan(v))^3}$	E	T	K	K
17155	14180	1	$u^{\frac{\sqrt[3]{w}}{\tan(v)}}$	E	T	K	E
17156	14181	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\tan(v)}\right)$	E	T	K	L
17157	14182	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\tan(v)}\right)$	E	T	K	S
17158	14183	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\tan(v)}\right)$	E	T	K	T
17159	14184	1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 w^{2/3}}{(\tan(v))^2}}$	E	T	K	P
17160	14185	1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 w^{2/3}}{(\tan(v))^2}}$	E	T	K	H
17161	14186	1	$\frac{\ln(u) \ln(w)}{\tan(v)}$	E	T	E	CD
17162	14187	1	$\frac{\tan(v)}{\ln(u) \ln(w)}$	E	T	E	CDI

17163	14188	1	$\frac{\ln(u) \ln(w) \pi}{\tan(v)}$	E	T	E	CDF
17164	14189	1	$\frac{\tan(v)}{\ln(u) \ln(w) \pi}$	E	T	E	CDIF
17165	14190	1	$\frac{(\ln(u))^2 (\ln(w))^2}{(\tan(v))^2}$	E	T	E	AB
17166	14191	1	$\sqrt{\frac{\ln(u) \ln(w)}{\tan(v)}}$	E	T	E	R
17167	14192	1	$\frac{(\ln(u))^3 (\ln(w))^3}{(\tan(v))^3}$	E	T	E	K
17168	14193	1	$u^{\frac{\ln(w)}{\tan(v)}}$	E	T	E	E
17169	14194	1	$\log\left(\frac{\ln(u) \ln(w)}{\tan(v)}\right)$	E	T	E	L
17170	14195	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\tan(v)}\right)$	E	T	E	S
17171	14196	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\tan(v)}\right)$	E	T	E	T
17172	14197	1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\tan(v))^2}}$	E	T	E	P
17173	14198	1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 (\ln(w))^2}{(\tan(v))^2}}$	E	T	E	H
17174	14199	1	$\frac{\ln(u) \text{Exp}(w)}{\tan(v)}$	E	T	L	CD
17175	14200	1	$\frac{\tan(v)}{\ln(u) \text{Exp}(w)}$	E	T	L	CDI
17176	14201	1	$\frac{\ln(u) \text{Exp}(w) \pi}{\tan(v)}$	E	T	L	CDF

17177	14202	1	$\frac{\tan(v)}{\ln(u) \operatorname{Exp}(w) \pi}$	E	T	L	CDIF
17178	14203	1	$\frac{(\ln(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}$	E	T	L	AB
17179	14204	1	$\sqrt{\frac{\ln(u) \operatorname{Exp}(w)}{\tan(v)}}$	E	T	L	R
17180	14205	1	$\frac{(\ln(u))^3 (\operatorname{Exp}(w))^3}{(\tan(v))^3}$	E	T	L	K
17181	14206	1	$u^{\frac{\operatorname{Exp}(w)}{\tan(v)}}$	E	T	L	E
17182	14207	1	$\log\left(\frac{\ln(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	E	T	L	L
17183	14208	1	$\arcsin\left(\frac{\ln(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	E	T	L	S
17184	14209	1	$\arctan\left(\frac{\ln(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	E	T	L	T
17185	14210	1	$\sqrt{-\frac{(\tan(v))^2 + (\ln(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	E	T	L	P
17186	14211	1	$\sqrt{\frac{(\tan(v))^2 + (\ln(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	E	T	L	H
17187	14212	1	$\frac{\ln(u) \cos(v) \sin(w)}{\sin(v)}$	E	T	S	CD
17188	14213	1	$\frac{\sin(v)}{\ln(u) \cos(v) \sin(w)}$	E	T	S	CDI
17189	14214	1	$\frac{\ln(u) \cos(v) \sin(w) \pi}{\sin(v)}$	E	T	S	CDF
17190	14215	1	$\frac{\sin(v)}{\ln(u) \cos(v) \sin(w) \pi}$	E	T	S	CDIF
17191	14216	1	$\frac{(\ln(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	E	T	S	AB

17192	14217	1	$\sqrt{\frac{\ln(u) \cos(v) \sin(w)}{\sin(v)}}$	E	T	S	R
17193	14218	1	$\frac{(\ln(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	E	T	S	K
17194	14219	1	$u^{\frac{\cos(v) \sin(w)}{\sin(v)}}$	E	T	S	E
17195	14220	1	$\log\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v)}\right)$	E	T	S	L
17196	14221	1	$\arcsin\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v)}\right)$	E	T	S	S
17197	14222	1	$\arctan\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v)}\right)$	E	T	S	T
17198	14223	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\ln(u))^2 (\cos(v))^2 + (\ln(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	E	T	S	P
17199	14224	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\ln(u))^2 (\cos(v))^2 + (\ln(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	E	T	S	H
17200	14225	1	$\frac{\ln(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}$	E	T	T	CD
17201	14226	1	$\frac{\sin(v) \cos(w)}{\ln(u) \cos(v) \sin(w)}$	E	T	T	CDI
17202	14227	1	$\frac{\ln(u) \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	E	T	T	CDF
17203	14228	1	$\frac{\sin(v) \cos(w)}{\ln(u) \cos(v) \sin(w) \pi}$	E	T	T	CDIF
17204	14229	1	$\frac{(\ln(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	E	T	T	AB
17205	14230	1	$\sqrt{\frac{\ln(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	E	T	T	R

17206	14231	1	$\frac{(\ln(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	E	T	T	K
17207	14232	1	$u^{\frac{\cos(v) \sin(w)}{\sin(v) \cos(w)}}$	E	T	T	E
17208	14233	1	$\log\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	E	T	T	L
17209	14234	1	$\arcsin\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	E	T	T	S
17210	14235	1	$\arctan\left(\frac{\ln(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	E	T	T	T
17211	14236	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - (\ln(u))^2 (\cos(v))^2 + (\ln(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	E	T	T	P
17212	14237	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - (\ln(u))^2 (\cos(v))^2 + (\ln(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	E	T	T	P
17213	14238	1	$\frac{\ln(u) \sqrt{1-w^2}}{\tan(v)}$	E	T	P	CD
17214	14239	1	$\frac{\tan(v)}{\ln(u) \sqrt{1-w^2}}$	E	T	P	CDI
17215	14240	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\tan(v)}$	E	T	P	CDF
17216	14241	1	$\frac{\tan(v)}{\ln(u) \sqrt{1-w^2} \pi}$	E	T	P	CDIF
17217	14242	1	$-\frac{(\ln(u))^2 (-1+w^2)}{(\tan(v))^2}$	E	T	P	AB
17218	14243	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\tan(v)}}$	E	T	P	R
17219	14244	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{(\tan(v))^3}$	E	T	P	K

17220	14245	1	$u \frac{\sqrt{1-w^2}}{\tan(v)}$	E	T	P	E
17221	14246	1	$\log \left(\frac{\ln(u) \sqrt{1-w^2}}{\tan(v)} \right)$	E	T	P	L
17222	14247	1	$\arcsin \left(\frac{\ln(u) \sqrt{1-w^2}}{\tan(v)} \right)$	E	T	P	S
17223	14248	1	$\arctan \left(\frac{\ln(u) \sqrt{1-w^2}}{\tan(v)} \right)$	E	T	P	T
17224	14249	1	$\sqrt{\frac{(\tan(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	P	P
17225	14249	2	$\sqrt{\frac{(\tan(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	H	H
17226	14250	1	$\sqrt{-\frac{(\tan(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	P	H
17227	14250	2	$\sqrt{-\frac{(\tan(v))^2 - (\ln(u))^2 + (\ln(u))^2 w^2}{(\tan(v))^2}}$	E	T	H	P
17228	14251	1	$\frac{\ln(u) \sqrt{-1+w^2}}{\tan(v)}$	E	T	H	CD
17229	14252	1	$\frac{\tan(v)}{\ln(u) \sqrt{-1+w^2}}$	E	T	H	CDI
17230	14253	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{\tan(v)}$	E	T	H	CDF
17231	14254	1	$\frac{\tan(v)}{\ln(u) \sqrt{-1+w^2} \pi}$	E	T	H	CDIF
17232	14255	1	$\frac{(\ln(u))^2 (-1+w^2)}{(\tan(v))^2}$	E	T	H	AB
17233	14256	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{\tan(v)}}$	E	T	H	R

17234	14257	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{(\tan(v))^3}$	E	T	H	K
17235	14258	1	$u^{\frac{\sqrt{-1+w^2}}{\tan(v)}}$	E	T	H	E
17236	14259	1	$\log\left(\frac{\ln(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	E	T	H	L
17237	14260	1	$\arcsin\left(\frac{\ln(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	E	T	H	S
17238	14261	1	$\arctan\left(\frac{\ln(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	E	T	H	T
17239	14262	1	$\frac{\ln(u)w}{\sqrt{1-v^2}}$	E	P	CD	CD
17240	14262	2	$\frac{\ln(u)w}{\sqrt{1-v^2}}$	E	P	CDF	CDF
17241	14263	1	$\frac{\sqrt{1-v^2}}{\ln(u)w}$	E	P	CD	CDI
17242	14263	2	$\frac{\sqrt{1-v^2}}{\ln(u)w}$	E	P	CDF	CDIF
17243	14264	1	$\frac{\ln(u)w\pi}{\sqrt{1-v^2}}$	E	P	CD	CDF
17244	14265	1	$\frac{\sqrt{1-v^2}}{\ln(u)w\pi}$	E	P	CD	CDIF
17245	14266	1	$-\frac{(\ln(u))^2 w^2}{-1+v^2}$	E	P	CD	AB
17246	14267	1	$\sqrt{\frac{\ln(u)w}{\sqrt{1-v^2}}}$	E	P	CD	R
17247	14268	1	$\frac{(\ln(u))^3 w^3}{(1-v^2)^{3/2}}$	E	P	CD	K
17248	14269	1	$u^{\frac{w}{\sqrt{1-v^2}}}$	E	P	CD	E

17249	14270	1	$\log \left(\frac{\ln(u) w}{\sqrt{1-v^2}} \right)$	E	P	CD	L
17250	14271	1	$\arcsin \left(\frac{\ln(u) w}{\sqrt{1-v^2}} \right)$	E	P	CD	S
17251	14272	1	$\arctan \left(\frac{\ln(u) w}{\sqrt{1-v^2}} \right)$	E	P	CD	T
17252	14273	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^2}{-1+v^2}}$	E	P	CD	P
17253	14273	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^2}{-1+v^2}}$	E	H	CD	H
17254	14274	1	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w^2}{-1+v^2}}$	E	P	CD	H
17255	14274	2	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w^2}{-1+v^2}}$	E	H	CD	P
17256	14275	1	$\frac{\ln(u)}{\sqrt{1-v^2} w}$	E	P	CDI	CD
17257	14275	2	$\frac{\ln(u)}{\sqrt{1-v^2} w}$	E	P	CDIF	CDF
17258	14276	1	$\frac{\sqrt{1-v^2} w}{\ln(u)}$	E	P	CDI	CDI
17259	14276	2	$\frac{\sqrt{1-v^2} w}{\ln(u)}$	E	P	CDIF	CDIF
17260	14277	1	$\frac{\ln(u) \pi}{\sqrt{1-v^2} w}$	E	P	CDI	CDF
17261	14278	1	$\frac{\sqrt{1-v^2} w}{\ln(u) \pi}$	E	P	CDI	CDIF
17262	14279	1	$-\frac{(\ln(u))^2}{w^2(-1+v^2)}$	E	P	CDI	AB
17263	14280	1	$\sqrt{\frac{\ln(u)}{\sqrt{1-v^2} w}}$	E	P	CDI	R

17264	14281	1	$\frac{(\ln(u))^3}{(1-v^2)^{3/2}w^3}$	E	P	CDI	K
17265	14282	1	$\frac{1}{u\sqrt{1-v^2}w}$	E	P	CDI	E
17266	14283	1	$\log\left(\frac{\ln(u)}{\sqrt{1-v^2}w}\right)$	E	P	CDI	L
17267	14284	1	$\arcsin\left(\frac{\ln(u)}{\sqrt{1-v^2}w}\right)$	E	P	CDI	S
17268	14285	1	$\arctan\left(\frac{\ln(u)}{\sqrt{1-v^2}w}\right)$	E	P	CDI	T
17269	14286	1	$\sqrt{\frac{-w^2+v^2w^2+(\ln(u))^2}{w^2(-1+v^2)}}$	E	P	CDI	P
17270	14286	2	$\sqrt{\frac{-w^2+v^2w^2+(\ln(u))^2}{w^2(-1+v^2)}}$	E	H	CDI	H
17271	14287	1	$\sqrt{\frac{-w^2+v^2w^2-(\ln(u))^2}{w^2(-1+v^2)}}$	E	P	CDI	H
17272	14287	2	$\sqrt{\frac{-w^2+v^2w^2-(\ln(u))^2}{w^2(-1+v^2)}}$	E	H	CDI	P
17273	14288	1	$\frac{\ln(u)w}{\sqrt{1-v^2}\pi}$	E	P	CDF	CD
17274	14289	1	$\frac{\sqrt{1-v^2}\pi}{\ln(u)w}$	E	P	CDF	CDI
17275	14290	1	$-\frac{(\ln(u))^2w^2}{\pi^2(-1+v^2)}$	E	P	CDF	AB
17276	14291	1	$\sqrt{\frac{\ln(u)w}{\sqrt{1-v^2}\pi}}$	E	P	CDF	R
17277	14292	1	$\frac{(\ln(u))^3w^3}{(1-v^2)^{3/2}\pi^3}$	E	P	CDF	K

17278	14293	1	$u \frac{w}{\sqrt{1-v^2}\pi}$	E	P	CDF	E
17279	14294	1	$\log\left(\frac{\ln(u) w}{\sqrt{1-v^2}\pi}\right)$	E	P	CDF	L
17280	14295	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt{1-v^2}\pi}\right)$	E	P	CDF	S
17281	14296	1	$\arctan\left(\frac{\ln(u) w}{\sqrt{1-v^2}\pi}\right)$	E	P	CDF	T
17282	14297	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (\ln(u))^2 w^2}{\pi^2(-1+v^2)}}$	E	P	CDF	P
17283	14297	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (\ln(u))^2 w^2}{\pi^2(-1+v^2)}}$	E	H	CDF	H
17284	14298	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (\ln(u))^2 w^2}{\pi^2(-1+v^2)}}$	E	P	CDF	H
17285	14298	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (\ln(u))^2 w^2}{\pi^2(-1+v^2)}}$	E	H	CDF	P
17286	14299	1	$\frac{\ln(u)}{\sqrt{1-v^2}w\pi}$	E	P	CDIF	CD
17287	14300	1	$\frac{\sqrt{1-v^2}w\pi}{\ln(u)}$	E	P	CDIF	CDI
17288	14301	1	$-\frac{(\ln(u))^2}{w^2\pi^2(-1+v^2)}$	E	P	CDIF	AB
17289	14302	1	$\sqrt{\frac{\ln(u)}{\sqrt{1-v^2}w\pi}}$	E	P	CDIF	R
17290	14303	1	$\frac{(\ln(u))^3}{(1-v^2)^{3/2}w^3\pi^3}$	E	P	CDIF	K
17291	14304	1	$u \frac{1}{\sqrt{1-v^2}w\pi}$	E	P	CDIF	E
17292	14305	1	$\log\left(\frac{\ln(u)}{\sqrt{1-v^2}w\pi}\right)$	E	P	CDIF	L

17293	14306	1	$\arcsin\left(\frac{\ln(u)}{\sqrt{1-v^2}w\pi}\right)$	E	P	CDIF	S
17294	14307	1	$\arctan\left(\frac{\ln(u)}{\sqrt{1-v^2}w\pi}\right)$	E	P	CDIF	T
17295	14308	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + (\ln(u))^2}{w^2\pi^2(-1+v^2)}}$	E	P	CDIF	P
17296	14308	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + (\ln(u))^2}{w^2\pi^2(-1+v^2)}}$	E	H	CDIF	H
17297	14309	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - (\ln(u))^2}{w^2\pi^2(-1+v^2)}}$	E	P	CDIF	H
17298	14309	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - (\ln(u))^2}{w^2\pi^2(-1+v^2)}}$	E	H	CDIF	P
17299	14310	1	$\frac{\ln(u)\sqrt{w}}{\sqrt{1-v^2}}$	E	P	AB	CD
17300	14311	1	$\frac{\sqrt{1-v^2}}{\ln(u)\sqrt{w}}$	E	P	AB	CDI
17301	14312	1	$\frac{\ln(u)\sqrt{w}\pi}{\sqrt{1-v^2}}$	E	P	AB	CDF
17302	14313	1	$\frac{\sqrt{1-v^2}}{\ln(u)\sqrt{w}\pi}$	E	P	AB	CDIF
17303	14314	1	$-\frac{(\ln(u))^2 w}{-1+v^2}$	E	P	AB	AB
17304	14315	1	$\sqrt{\frac{\ln(u)\sqrt{w}}{\sqrt{1-v^2}}}$	E	P	AB	R
17305	14316	1	$\frac{(\ln(u))^3 w^{3/2}}{(1-v^2)^{3/2}}$	E	P	AB	K
17306	14317	1	$u \frac{\sqrt{w}}{\sqrt{1-v^2}}$	E	P	AB	E

17307	14318	1	$\log \left(\frac{\ln(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	E	P	AB	L
17308	14319	1	$\arcsin \left(\frac{\ln(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	E	P	AB	S
17309	14320	1	$\arctan \left(\frac{\ln(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	E	P	AB	T
17310	14321	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w}{-1+v^2}}$	E	P	AB	P
17311	14321	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w}{-1+v^2}}$	E	H	AB	H
17312	14322	1	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w}{-1+v^2}}$	E	P	AB	H
17313	14322	2	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w}{-1+v^2}}$	E	H	AB	P
17314	14323	1	$\frac{\ln(u) w^2}{\sqrt{-(v-1)(v+1)}}$	E	P	R	CD
17315	14324	1	$\frac{\sqrt{1-v^2}}{\ln(u) w^2}$	E	P	R	CDI
17316	14325	1	$\frac{\ln(u) w^2 \pi}{\sqrt{-(v-1)(v+1)}}$	E	P	R	CDF
17317	14326	1	$\frac{\sqrt{1-v^2}}{\ln(u) w^2 \pi}$	E	P	R	CDIF
17318	14327	1	$-\frac{(\ln(u))^2 w^4}{-1+v^2}$	E	P	R	AB
17319	14328	1	$\sqrt{\frac{\ln(u) w^2}{\sqrt{-(v-1)(v+1)}}}$	E	P	R	R
17320	14329	1	$\frac{(\ln(u))^3 w^6}{(1-v^2)^{3/2}}$	E	P	R	K

17321	14330	1	$u \frac{w^2}{\sqrt{1-v^2}}$	E	P	R	E
17322	14331	1	$\log \left(\frac{\ln(u) w^2}{\sqrt{-(v-1)(v+1)}} \right)$	E	P	R	L
17323	14332	1	$\arcsin \left(\frac{\ln(u) w^2}{\sqrt{-(v-1)(v+1)}} \right)$	E	P	R	S
17324	14333	1	$\arctan \left(\frac{\ln(u) w^2}{\sqrt{-(v-1)(v+1)}} \right)$	E	P	R	T
17325	14334	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^4}{-1+v^2}}$	E	P	R	P
17326	14334	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^4}{-1+v^2}}$	E	H	R	H
17327	14335	1	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w^4}{-1+v^2}}$	E	P	R	H
17328	14335	2	$\sqrt{-\frac{1-v^2+(\ln(u))^2 w^4}{-1+v^2}}$	E	H	R	P
17329	14336	1	$\frac{\ln(u) \sqrt[3]{w}}{\sqrt{1-v^2}}$	E	P	K	CD
17330	14337	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sqrt[3]{w}}$	E	P	K	CDI
17331	14338	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\sqrt{1-v^2}}$	E	P	K	CDF
17332	14339	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sqrt[3]{w} \pi}$	E	P	K	CDIF
17333	14340	1	$-\frac{(\ln(u))^2 w^{2/3}}{-1+v^2}$	E	P	K	AB
17334	14341	1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\sqrt{1-v^2}}}$	E	P	K	R

17335	14342	1	$\frac{(\ln(u))^3 w}{(1-v^2)^{3/2}}$	E	P	K	K
17336	14343	1	$u \frac{\sqrt[3]{w}}{\sqrt{1-v^2}}$	E	P	K	E
17337	14344	1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	E	P	K	L
17338	14345	1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	E	P	K	S
17339	14346	1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	E	P	K	T
17340	14347	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^{2/3}}{-1+v^2}}$	E	P	K	P
17341	14347	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 w^{2/3}}{-1+v^2}}$	E	H	K	H
17342	14348	1	$\sqrt{\frac{-1+v^2-(\ln(u))^2 w^{2/3}}{-1+v^2}}$	E	P	K	H
17343	14348	2	$\sqrt{\frac{-1+v^2-(\ln(u))^2 w^{2/3}}{-1+v^2}}$	E	H	K	P
17344	14349	1	$\frac{\ln(u) \ln(w)}{\sqrt{1-v^2}}$	E	P	E	CD
17345	14350	1	$\frac{\sqrt{1-v^2}}{\ln(u) \ln(w)}$	E	P	E	CDI
17346	14351	1	$\frac{\ln(u) \ln(w) \pi}{\sqrt{1-v^2}}$	E	P	E	CDF
17347	14352	1	$\frac{\sqrt{1-v^2}}{\ln(u) \ln(w) \pi}$	E	P	E	CDIF
17348	14353	1	$-\frac{(\ln(u))^2 (\ln(w))^2}{-1+v^2}$	E	P	E	AB

17349	14354	1	$\sqrt{\frac{\ln(u) \ln(w)}{\sqrt{1-v^2}}}$	E	P	E	R
17350	14355	1	$\frac{(\ln(u))^3 (\ln(w))^3}{(1-v^2)^{3/2}}$	E	P	E	K
17351	14356	1	$u \frac{\ln(w)}{\sqrt{1-v^2}}$	E	P	E	E
17352	14357	1	$\log\left(\frac{\ln(u) \ln(w)}{\sqrt{1-v^2}}\right)$	E	P	E	L
17353	14358	1	$\arcsin\left(\frac{\ln(u) \ln(w)}{\sqrt{1-v^2}}\right)$	E	P	E	S
17354	14359	1	$\arctan\left(\frac{\ln(u) \ln(w)}{\sqrt{1-v^2}}\right)$	E	P	E	T
17355	14360	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2(\ln(w))^2}{-1+v^2}}$	E	P	E	P
17356	14360	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2(\ln(w))^2}{-1+v^2}}$	E	H	E	H
17357	14361	1	$\sqrt{\frac{-1+v^2-(\ln(u))^2(\ln(w))^2}{-1+v^2}}$	E	P	E	H
17358	14361	2	$\sqrt{\frac{-1+v^2-(\ln(u))^2(\ln(w))^2}{-1+v^2}}$	E	H	E	P
17359	14362	1	$\frac{\ln(u) \exp(w)}{\sqrt{1-v^2}}$	E	P	L	CD
17360	14363	1	$\frac{\sqrt{1-v^2}}{\ln(u) \exp(w)}$	E	P	L	CDI
17361	14364	1	$\frac{\ln(u) \exp(w) \pi}{\sqrt{1-v^2}}$	E	P	L	CDF
17362	14365	1	$\frac{\sqrt{1-v^2}}{\ln(u) \exp(w) \pi}$	E	P	L	CDIF
17363	14366	1	$-\frac{(\ln(u))^2 (\exp(w))^2}{-1+v^2}$	E	P	L	AB

17364	14367	1	$\sqrt{\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}}$	E	P	L	R
17365	14368	1	$\frac{(\ln(u))^3 (\operatorname{Exp}(w))^3}{(1-v^2)^{3/2}}$	E	P	L	K
17366	14369	1	$\frac{\operatorname{Exp}(w)}{u \sqrt{1-v^2}}$	E	P	L	E
17367	14370	1	$\log\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	E	P	L	L
17368	14371	1	$\arcsin\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	E	P	L	S
17369	14372	1	$\arctan\left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	E	P	L	T
17370	14373	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	E	P	L	P
17371	14373	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	E	H	L	H
17372	14374	1	$\sqrt{\frac{-1+v^2-(\ln(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	E	P	L	H
17373	14374	2	$\sqrt{\frac{-1+v^2-(\ln(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	E	H	L	P
17374	14375	1	$\frac{\ln(u) \sin(w)}{\sqrt{1-v^2}}$	E	P	S	CD
17375	14376	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sin(w)}$	E	P	S	CDI
17376	14377	1	$\frac{\ln(u) \sin(w) \pi}{\sqrt{1-v^2}}$	E	P	S	CDF
17377	14378	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sin(w) \pi}$	E	P	S	CDIF

17378	14379	1	$\frac{(\ln(u))^2 \left(-1 + (\cos(w))^2\right)}{-1 + v^2}$	E	P	S	AB
17379	14380	1	$\sqrt{\frac{\ln(u) \sin(w)}{\sqrt{1 - v^2}}}$	E	P	S	R
17380	14381	1	$\frac{(\ln(u))^3 (\sin(w))^3}{(1 - v^2)^{3/2}}$	E	P	S	K
17381	14382	1	$u \frac{\sin(w)}{\sqrt{1 - v^2}}$	E	P	S	E
17382	14383	1	$\log\left(\frac{\ln(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	E	P	S	L
17383	14384	1	$\arcsin\left(\frac{\ln(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	E	P	S	S
17384	14385	1	$\arctan\left(\frac{\ln(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	E	P	S	T
17385	14386	1	$\sqrt{\frac{-1 + v^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{-1 + v^2}}$	E	P	S	P
17386	14386	2	$\sqrt{\frac{-1 + v^2 + (\ln(u))^2 - (\ln(u))^2 (\cos(w))^2}{-1 + v^2}}$	E	H	S	H
17387	14387	1	$\sqrt{\frac{-1 + v^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{-1 + v^2}}$	E	P	S	H
17388	14387	2	$\sqrt{\frac{-1 + v^2 - (\ln(u))^2 + (\ln(u))^2 (\cos(w))^2}{-1 + v^2}}$	E	H	S	P
17389	14388	1	$\frac{\ln(u) \tan(w)}{\sqrt{1 - v^2}}$	E	P	T	CD
17390	14389	1	$\frac{\sqrt{1 - v^2}}{\ln(u) \tan(w)}$	E	P	T	CDI
17391	14390	1	$\frac{\ln(u) \tan(w) \pi}{\sqrt{1 - v^2}}$	E	P	T	CDF

17392	14391	1	$\frac{\sqrt{1-v^2}}{\ln(u) \tan(w) \pi}$	E	P	T	CDIF
17393	14392	1	$-\frac{(\ln(u))^2 (\tan(w))^2}{-1+v^2}$	E	P	T	AB
17394	14393	1	$\sqrt{\frac{\ln(u) \tan(w)}{\sqrt{1-v^2}}}$	E	P	T	R
17395	14394	1	$\frac{(\ln(u))^3 (\tan(w))^3}{(1-v^2)^{3/2}}$	E	P	T	K
17396	14395	1	$\frac{\tan(w)}{u \sqrt{1-v^2}}$	E	P	T	E
17397	14396	1	$\log\left(\frac{\ln(u) \tan(w)}{\sqrt{1-v^2}}\right)$	E	P	T	L
17398	14397	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{\sqrt{1-v^2}}\right)$	E	P	T	S
17399	14398	1	$\arctan\left(\frac{\ln(u) \tan(w)}{\sqrt{1-v^2}}\right)$	E	P	T	T
17400	14399	1	$\sqrt{\frac{-1+v^2+(\ln(u))^2 (\tan(w))^2}{-1+v^2}}$	E	P	T	P
17401	14399	2	$\sqrt{\frac{-1+v^2+(\ln(u))^2 (\tan(w))^2}{-1+v^2}}$	E	H	T	H
17402	14400	1	$\sqrt{\frac{-1+v^2-(\ln(u))^2 (\tan(w))^2}{-1+v^2}}$	E	P	T	H
17403	14400	2	$\sqrt{\frac{-1+v^2-(\ln(u))^2 (\tan(w))^2}{-1+v^2}}$	E	H	T	P
17404	14401	1	$\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}$	E	P	P	CD
17405	14402	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sqrt{1-w^2}}$	E	P	P	CDI

17406	14403	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\sqrt{1-v^2}}$	E	P	P	CDF
17407	14404	1	$\frac{\sqrt{1-v^2}}{\ln(u) \sqrt{1-w^2} \pi}$	E	P	P	CDIF
17408	14405	1	$\frac{(\ln(u))^2 (-1+w^2)}{-1+v^2}$	E	P	P	AB
17409	14405	2	$\frac{(\ln(u))^2 (-1+w^2)}{-1+v^2}$	E	H	H	AB
17410	14406	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}}$	E	P	P	R
17411	14407	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	E	P	P	K
17412	14408	1	$u \frac{\sqrt{1-w^2}}{\sqrt{1-v^2}}$	E	P	P	E
17413	14409	1	$\log\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	E	P	P	L
17414	14410	1	$\arcsin\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	E	P	P	S
17415	14411	1	$\arctan\left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	E	P	P	T
17416	14412	1	$\sqrt{-\frac{1-v^2-(\ln(u))^2+(\ln(u))^2 w^2}{-1+v^2}}$	~~E~~	P	P	P
17417	14412	2	$\sqrt{-\frac{1-v^2-(\ln(u))^2+(\ln(u))^2 w^2}{-1+v^2}}$	~~E~~	P	H	H
17418	14412	3	$\sqrt{-\frac{1-v^2-(\ln(u))^2+(\ln(u))^2 w^2}{-1+v^2}}$	~~E~~	H	P	H
17419	14412	4	$\sqrt{-\frac{1-v^2-(\ln(u))^2+(\ln(u))^2 w^2}{-1+v^2}}$	~~E~~	H	H	P

17420	14413	1	$\sqrt{\frac{-(\ln(u))^2 + (\ln(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	E	P	P	H
17421	14413	2	$\sqrt{\frac{-(\ln(u))^2 + (\ln(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	E	P	H	P
17422	14413	3	$\sqrt{\frac{-(\ln(u))^2 + (\ln(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	E	H	P	P
17423	14413	4	$\sqrt{\frac{-(\ln(u))^2 + (\ln(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	E	H	H	H
17424	14414	1	$\frac{\ln(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}$	E	P	H	CD
17425	14415	1	$\frac{\sqrt{1 - v^2}}{\ln(u) \sqrt{-1 + w^2}}$	E	P	H	CDI
17426	14416	1	$\frac{\ln(u) \sqrt{-1 + w^2} \pi}{\sqrt{1 - v^2}}$	E	P	H	CDF
17427	14417	1	$\frac{\sqrt{1 - v^2}}{\ln(u) \sqrt{-1 + w^2} \pi}$	E	P	H	CDIF
17428	14418	1	$-\frac{(\ln(u))^2 (-1 + w^2)}{-1 + v^2}$	E	P	H	AB
17429	14418	2	$-\frac{(\ln(u))^2 (-1 + w^2)}{-1 + v^2}$	E	H	P	AB
17430	14419	1	$\sqrt{\frac{\ln(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}}$	E	P	H	R
17431	14420	1	$\frac{(\ln(u))^3 (-1 + w^2)^{3/2}}{(1 - v^2)^{3/2}}$	E	P	H	K
17432	14421	1	$u \frac{\sqrt{-1 + w^2}}{\sqrt{1 - v^2}}$	E	P	H	E
17433	14422	1	$\log\left(\frac{\ln(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}\right)$	E	P	H	L

17434	14423	1	$\arcsin \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}} \right)$	E	P	H	S
17435	14424	1	$\arctan \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}} \right)$	E	P	H	T
17436	14425	1	$\frac{\ln(u) w}{\sqrt{-1+v^2}}$	E	H	CD	CD
17437	14425	2	$\frac{\ln(u) w}{\sqrt{-1+v^2}}$	E	H	CDF	CDF
17438	14426	1	$\frac{\sqrt{-1+v^2}}{\ln(u) w}$	E	H	CD	CDI
17439	14426	2	$\frac{\sqrt{-1+v^2}}{\ln(u) w}$	E	H	CDF	CDIF
17440	14427	1	$\frac{\ln(u) w \pi}{\sqrt{-1+v^2}}$	E	H	CD	CDF
17441	14428	1	$\frac{\sqrt{-1+v^2}}{\ln(u) w \pi}$	E	H	CD	CDIF
17442	14429	1	$\frac{(\ln(u))^2 w^2}{-1+v^2}$	E	H	CD	AB
17443	14430	1	$\sqrt{\frac{\ln(u) w}{\sqrt{-1+v^2}}}$	E	H	CD	R
17444	14431	1	$\frac{(\ln(u))^3 w^3}{(-1+v^2)^{3/2}}$	E	H	CD	K
17445	14432	1	$\frac{w}{u \sqrt{-1+v^2}}$	E	H	CD	E
17446	14433	1	$\log \left(\frac{\ln(u) w}{\sqrt{-1+v^2}} \right)$	E	H	CD	L
17447	14434	1	$\arcsin \left(\frac{\ln(u) w}{\sqrt{-1+v^2}} \right)$	E	H	CD	S
17448	14435	1	$\arctan \left(\frac{\ln(u) w}{\sqrt{-1+v^2}} \right)$	E	H	CD	T

17449	14436	1	$\frac{\ln(u)}{\sqrt{-1+v^2w}}$	E	H	CDI	CD
17450	14436	2	$\frac{\ln(u)}{\sqrt{-1+v^2w}}$	E	H	CDIF	CDF
17451	14437	1	$\frac{\sqrt{-1+v^2w}}{\ln(u)}$	E	H	CDI	CDI
17452	14437	2	$\frac{\sqrt{-1+v^2w}}{\ln(u)}$	E	H	CDIF	CDIF
17453	14438	1	$\frac{\ln(u)\pi}{\sqrt{-1+v^2w}}$	E	H	CDI	CDF
17454	14439	1	$\frac{\sqrt{-1+v^2w}}{\ln(u)\pi}$	E	H	CDI	CDIF
17455	14440	1	$\frac{(\ln(u))^2}{w^2(-1+v^2)}$	E	H	CDI	AB
17456	14441	1	$\sqrt{\frac{\ln(u)}{\sqrt{-1+v^2w}}}$	E	H	CDI	R
17457	14442	1	$\frac{(\ln(u))^3}{(-1+v^2)^{3/2}w^3}$	E	H	CDI	K
17458	14443	1	$\frac{1}{u\sqrt{-1+v^2w}}$	E	H	CDI	E
17459	14444	1	$\log\left(\frac{\ln(u)}{\sqrt{-1+v^2w}}\right)$	E	H	CDI	L
17460	14445	1	$\arcsin\left(\frac{\ln(u)}{\sqrt{-1+v^2w}}\right)$	E	H	CDI	S
17461	14446	1	$\arctan\left(\frac{\ln(u)}{\sqrt{-1+v^2w}}\right)$	E	H	CDI	T
17462	14447	1	$\frac{\ln(u)w}{\sqrt{-1+v^2}\pi}$	E	H	CDF	CD
17463	14448	1	$\frac{\sqrt{-1+v^2}\pi}{\ln(u)w}$	E	H	CDF	CDI

17464	14449	1	$\frac{(\ln(u))^2 w^2}{\pi^2 (-1 + v^2)}$	E	H	CDF	AB
17465	14450	1	$\sqrt{\frac{\ln(u) w}{\sqrt{-1 + v^2} \pi}}$	E	H	CDF	R
17466	14451	1	$\frac{(\ln(u))^3 w^3}{(-1 + v^2)^{3/2} \pi^3}$	E	H	CDF	K
17467	14452	1	$\frac{w}{u \sqrt{-1 + v^2} \pi}$	E	H	CDF	E
17468	14453	1	$\log\left(\frac{\ln(u) w}{\sqrt{-1 + v^2} \pi}\right)$	E	H	CDF	L
17469	14454	1	$\arcsin\left(\frac{\ln(u) w}{\sqrt{-1 + v^2} \pi}\right)$	E	H	CDF	S
17470	14455	1	$\arctan\left(\frac{\ln(u) w}{\sqrt{-1 + v^2} \pi}\right)$	E	H	CDF	T
17471	14456	1	$\frac{\ln(u)}{\sqrt{-1 + v^2} w \pi}$	E	H	CDIF	CD
17472	14457	1	$\frac{\sqrt{-1 + v^2} w \pi}{\ln(u)}$	E	H	CDIF	CDI
17473	14458	1	$\frac{(\ln(u))^2}{w^2 \pi^2 (-1 + v^2)}$	E	H	CDIF	AB
17474	14459	1	$\sqrt{\frac{\ln(u)}{\sqrt{-1 + v^2} w \pi}}$	E	H	CDIF	R
17475	14460	1	$\frac{(\ln(u))^3}{(-1 + v^2)^{3/2} w^3 \pi^3}$	E	H	CDIF	K
17476	14461	1	$\frac{1}{u \sqrt{-1 + v^2} w \pi}$	E	H	CDIF	E
17477	14462	1	$\log\left(\frac{\ln(u)}{\sqrt{-1 + v^2} w \pi}\right)$	E	H	CDIF	L
17478	14463	1	$\arcsin\left(\frac{\ln(u)}{\sqrt{-1 + v^2} w \pi}\right)$	E	H	CDIF	S

17479	14464	1	$\arctan\left(\frac{\ln(u)}{\sqrt{-1+v^2}w\pi}\right)$	E	H	CDIF	T
17480	14465	1	$\frac{\ln(u)\sqrt{w}}{\sqrt{-1+v^2}}$	E	H	AB	CD
17481	14466	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\sqrt{w}}$	E	H	AB	CDI
17482	14467	1	$\frac{\ln(u)\sqrt{w}\pi}{\sqrt{-1+v^2}}$	E	H	AB	CDF
17483	14468	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\sqrt{w}\pi}$	E	H	AB	CDIF
17484	14469	1	$\frac{(\ln(u))^2 w}{-1+v^2}$	E	H	AB	AB
17485	14470	1	$\sqrt{\frac{\ln(u)\sqrt{w}}{\sqrt{-1+v^2}}}$	E	H	AB	R
17486	14471	1	$\frac{(\ln(u))^3 w^{3/2}}{(-1+v^2)^{3/2}}$	E	H	AB	K
17487	14472	1	$u \frac{\sqrt{w}}{\sqrt{-1+v^2}}$	E	H	AB	E
17488	14473	1	$\log\left(\frac{\ln(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	E	H	AB	L
17489	14474	1	$\arcsin\left(\frac{\ln(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	E	H	AB	S
17490	14475	1	$\arctan\left(\frac{\ln(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	E	H	AB	T
17491	14476	1	$\frac{\ln(u)w^2}{\sqrt{(v-1)(v+1)}}$	E	H	R	CD
17492	14477	1	$\frac{\sqrt{-1+v^2}}{\ln(u)w^2}$	E	H	R	CDI

17493	14478	1	$\frac{\ln(u) w^2 \pi}{\sqrt{(v-1)(v+1)}}$	E	H	R	CDF
17494	14479	1	$\frac{\sqrt{-1+v^2}}{\ln(u) w^2 \pi}$	E	H	R	CDIF
17495	14480	1	$\frac{(\ln(u))^2 w^4}{-1+v^2}$	E	H	R	AB
17496	14481	1	$\sqrt{\frac{\ln(u) w^2}{\sqrt{(v-1)(v+1)}}}$	E	H	R	R
17497	14482	1	$\frac{(\ln(u))^3 w^6}{(-1+v^2)^{3/2}}$	E	H	R	K
17498	14483	1	$u \frac{w^2}{\sqrt{-1+v^2}}$	E	H	R	E
17499	14484	1	$\log\left(\frac{\ln(u) w^2}{\sqrt{(v-1)(v+1)}}\right)$	E	H	R	L
17500	14485	1	$\arcsin\left(\frac{\ln(u) w^2}{\sqrt{(v-1)(v+1)}}\right)$	E	H	R	S
17501	14486	1	$\arctan\left(\frac{\ln(u) w^2}{\sqrt{(v-1)(v+1)}}\right)$	E	H	R	T
17502	14487	1	$\frac{\ln(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}$	E	H	K	CD
17503	14488	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt[3]{w}}$	E	H	K	CDI
17504	14489	1	$\frac{\ln(u) \sqrt[3]{w} \pi}{\sqrt{-1+v^2}}$	E	H	K	CDF
17505	14490	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt[3]{w} \pi}$	E	H	K	CDIF
17506	14491	1	$\frac{(\ln(u))^2 w^{2/3}}{-1+v^2}$	E	H	K	AB

17507 14492 1	$\sqrt{\frac{\ln(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	E	H	K	R
17508 14493 1	$\frac{(\ln(u))^3 w}{(-1+v^2)^{3/2}}$	E	H	K	K
17509 14494 1	$u \frac{\sqrt[3]{w}}{\sqrt{-1+v^2}}$	E	H	K	E
17510 14495 1	$\log\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	E	H	K	L
17511 14496 1	$\arcsin\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	E	H	K	S
17512 14497 1	$\arctan\left(\frac{\ln(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	E	H	K	T
17513 14498 1	$\frac{\ln(u) \ln(w)}{\sqrt{-1+v^2}}$	E	H	E	CD
17514 14499 1	$\frac{\sqrt{-1+v^2}}{\ln(u) \ln(w)}$	E	H	E	CDI
17515 14500 1	$\frac{\ln(u) \ln(w) \pi}{\sqrt{-1+v^2}}$	E	H	E	CDF
17516 14501 1	$\frac{\sqrt{-1+v^2}}{\ln(u) \ln(w) \pi}$	E	H	E	CDIF
17517 14502 1	$\frac{(\ln(u))^2 (\ln(w))^2}{-1+v^2}$	E	H	E	AB
17518 14503 1	$\sqrt{\frac{\ln(u) \ln(w)}{\sqrt{-1+v^2}}}$	E	H	E	R
17519 14504 1	$\frac{(\ln(u))^3 (\ln(w))^3}{(-1+v^2)^{3/2}}$	E	H	E	K
17520 14505 1	$u \frac{\ln(w)}{\sqrt{-1+v^2}}$	E	H	E	E

17521	14506	1	$\log \left(\frac{\ln(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	E	H	E	L
17522	14507	1	$\arcsin \left(\frac{\ln(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	E	H	E	S
17523	14508	1	$\arctan \left(\frac{\ln(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	E	H	E	T
17524	14509	1	$\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}$	E	H	L	CD
17525	14510	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \operatorname{Exp}(w)}$	E	H	L	CDI
17526	14511	1	$\frac{\ln(u) \operatorname{Exp}(w) \pi}{\sqrt{-1+v^2}}$	E	H	L	CDF
17527	14512	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \operatorname{Exp}(w) \pi}$	E	H	L	CDIF
17528	14513	1	$\frac{(\ln(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}$	E	H	L	AB
17529	14514	1	$\sqrt{\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}}$	E	H	L	R
17530	14515	1	$\frac{(\ln(u))^3 (\operatorname{Exp}(w))^3}{(-1+v^2)^{3/2}}$	E	H	L	K
17531	14516	1	$\frac{\operatorname{Exp}(w)}{u \sqrt{-1+v^2}}$	E	H	L	E
17532	14517	1	$\log \left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}} \right)$	E	H	L	L
17533	14518	1	$\arcsin \left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}} \right)$	E	H	L	S
17534	14519	1	$\arctan \left(\frac{\ln(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}} \right)$	E	H	L	T
17535	14520	1	$\frac{\ln(u) \sin(w)}{\sqrt{-1+v^2}}$	E	H	S	CD

17536	14521	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\sin(w)}$	E	H	S	CDI
17537	14522	1	$\frac{\ln(u)\sin(w)\pi}{\sqrt{-1+v^2}}$	E	H	S	CDF
17538	14523	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\sin(w)\pi}$	E	H	S	CDIF
17539	14524	1	$-\frac{(\ln(u))^2(-1+(\cos(w))^2)}{-1+v^2}$	E	H	S	AB
17540	14525	1	$\sqrt{\frac{\ln(u)\sin(w)}{\sqrt{-1+v^2}}}$	E	H	S	R
17541	14526	1	$\frac{(\ln(u))^3(\sin(w))^3}{(-1+v^2)^{3/2}}$	E	H	S	K
17542	14527	1	$u\frac{\sin(w)}{\sqrt{-1+v^2}}$	E	H	S	E
17543	14528	1	$\log\left(\frac{\ln(u)\sin(w)}{\sqrt{-1+v^2}}\right)$	E	H	S	L
17544	14529	1	$\arcsin\left(\frac{\ln(u)\sin(w)}{\sqrt{-1+v^2}}\right)$	E	H	S	S
17545	14530	1	$\arctan\left(\frac{\ln(u)\sin(w)}{\sqrt{-1+v^2}}\right)$	E	H	S	T
17546	14531	1	$\frac{\ln(u)\tan(w)}{\sqrt{-1+v^2}}$	E	H	T	CD
17547	14532	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\tan(w)}$	E	H	T	CDI
17548	14533	1	$\frac{\ln(u)\tan(w)\pi}{\sqrt{-1+v^2}}$	E	H	T	CDF
17549	14534	1	$\frac{\sqrt{-1+v^2}}{\ln(u)\tan(w)\pi}$	E	H	T	CDIF

17550	14535	1	$\frac{(\ln(u))^2 (\tan(w))^2}{-1+v^2}$	E	H	T	AB
17551	14536	1	$\sqrt{\frac{\ln(u) \tan(w)}{\sqrt{-1+v^2}}}$	E	H	T	R
17552	14537	1	$\frac{(\ln(u))^3 (\tan(w))^3}{(-1+v^2)^{3/2}}$	E	H	T	K
17553	14538	1	$u \frac{\tan(w)}{\sqrt{-1+v^2}}$	E	H	T	E
17554	14539	1	$\log\left(\frac{\ln(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	E	H	T	L
17555	14540	1	$\arcsin\left(\frac{\ln(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	E	H	T	S
17556	14541	1	$\arctan\left(\frac{\ln(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	E	H	T	T
17557	14542	1	$\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	E	H	P	CD
17558	14543	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt{1-w^2}}$	E	H	P	CDI
17559	14544	1	$\frac{\ln(u) \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	E	H	P	CDF
17560	14545	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt{1-w^2} \pi}$	E	H	P	CDIF
17561	14546	1	$\sqrt{\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	E	H	P	R
17562	14547	1	$\frac{(\ln(u))^3 (1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	E	H	P	K
17563	14548	1	$u \frac{\sqrt{1-w^2}}{\sqrt{-1+v^2}}$	E	H	P	E

17564	14549	1	$\log \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	E	H	P	L
17565	14550	1	$\arcsin \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	E	H	P	S
17566	14551	1	$\arctan \left(\frac{\ln(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	E	H	P	T
17567	14552	1	$\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	E	H	H	CD
17568	14553	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt{-1+w^2}}$	E	H	H	CDI
17569	14554	1	$\frac{\ln(u) \sqrt{-1+w^2} \pi}{\sqrt{-1+v^2}}$	E	H	H	CDF
17570	14555	1	$\frac{\sqrt{-1+v^2}}{\ln(u) \sqrt{-1+w^2} \pi}$	E	H	H	CDIF
17571	14556	1	$\sqrt{\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	E	H	H	R
17572	14557	1	$\frac{(\ln(u))^3 (-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	E	H	H	K
17573	14558	1	$u \frac{\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	E	H	H	E
17574	14559	1	$\log \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	E	H	H	L
17575	14560	1	$\arcsin \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	E	H	H	S
17576	14561	1	$\arctan \left(\frac{\ln(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	E	H	H	T
17577	14562	1	$\frac{\text{Exp}(u) w}{v}$	L	CD	CD	CD

17578	14562	2	$\frac{Exp(u) w}{v}$	L	CD	CDF	CDF
17579	14562	3	$\frac{Exp(u) w}{v}$	L	CDF	CDF	CD
17580	14563	1	$\frac{v}{Exp(u) w}$	L	CD	CD	CDI
17581	14563	2	$\frac{v}{Exp(u) w}$	L	CD	CDF	CDIF
17582	14563	3	$\frac{v}{Exp(u) w}$	L	CDF	CDF	CDI
17583	14564	1	$\frac{Exp(u) w \pi}{v}$	L	CD	CD	CDF
17584	14564	2	$\frac{Exp(u) w \pi}{v}$	L	CDF	CD	CD
17585	14564	3	$\frac{Exp(u) w \pi}{v}$	L	CDF	CDF	CDF
17586	14565	1	$\frac{v}{Exp(u) w \pi}$	L	CD	CD	CDIF
17587	14565	2	$\frac{v}{Exp(u) w \pi}$	L	CDF	CD	CDI
17588	14565	3	$\frac{v}{Exp(u) w \pi}$	L	CDF	CDF	CDIF
17589	14566	1	$\frac{(Exp(u))^2 w^2}{v^2}$	L	CD	CD	AB
17590	14566	2	$\frac{(Exp(u))^2 w^2}{v^2}$	L	CDF	CDF	AB
17591	14567	1	$\sqrt{\frac{Exp(u) w}{v}}$	L	CD	CD	R
17592	14567	2	$\sqrt{\frac{Exp(u) w}{v}}$	L	CDF	CDF	R
17593	14568	1	$\frac{(Exp(u))^3 w^3}{v^3}$	L	CD	CD	K
17594	14568	2	$\frac{(Exp(u))^3 w^3}{v^3}$	L	CDF	CDF	K
17595	14569	1	$e^{\frac{Exp(u) w}{v}}$	L	CD	CD	E
17596	14569	2	$e^{\frac{Exp(u) w}{v}}$	L	CDF	CDF	E

17597	14570	1	$\log\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CD	CD	L
17598	14570	2	$\log\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CDF	CDF	L
17599	14571	1	$\arcsin\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CD	CD	S
17600	14571	2	$\arcsin\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CDF	CDF	S
17601	14572	1	$\arctan\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CD	CD	T
17602	14572	2	$\arctan\left(\frac{\text{Exp}(u) w}{v}\right)$	L	CDF	CDF	T
17603	14573	1	$\sqrt{-\frac{-v^2 + (\text{Exp}(u))^2 w^2}{v^2}}$	L	CD	CD	P
17604	14573	2	$\sqrt{-\frac{-v^2 + (\text{Exp}(u))^2 w^2}{v^2}}$	L	CDF	CDF	P
17605	14574	1	$\sqrt{\frac{v^2 + (\text{Exp}(u))^2 w^2}{v^2}}$	L	CD	CD	H
17606	14574	2	$\sqrt{\frac{v^2 + (\text{Exp}(u))^2 w^2}{v^2}}$	L	CDF	CDF	H
17607	14575	1	$\frac{\text{Exp}(u)}{vw}$	L	CD	CDI	CD
17608	14575	2	$\frac{\text{Exp}(u)}{vw}$	L	CD	CDIF	CDF
17609	14575	3	$\frac{\text{Exp}(u)}{vw}$	L	CDF	CDIF	CD
17610	14576	1	$\frac{vw}{\text{Exp}(u)}$	L	CD	CDI	CDI
17611	14576	2	$\frac{vw}{\text{Exp}(u)}$	L	CD	CDIF	CDIF
17612	14576	3	$\frac{vw}{\text{Exp}(u)}$	L	CDF	CDIF	CDI

17613	14577	1	$\frac{Exp(u) \pi}{vw}$	L	CD	CDI	CDF
17614	14577	2	$\frac{Exp(u) \pi}{vw}$	L	CDF	CDI	CD
17615	14577	3	$\frac{Exp(u) \pi}{vw}$	L	CDF	CDIF	CDF
17616	14578	1	$\frac{vw}{Exp(u) \pi}$	L	CD	CDI	CDIF
17617	14578	2	$\frac{vw}{Exp(u) \pi}$	L	CDF	CDI	CDI
17618	14578	3	$\frac{vw}{Exp(u) \pi}$	L	CDF	CDIF	CDIF
17619	14579	1	$\frac{(Exp(u))^2}{v^2 w^2}$	L	CD	CDI	AB
17620	14579	2	$\frac{(Exp(u))^2}{v^2 w^2}$	L	CDF	CDIF	AB
17621	14580	1	$\sqrt{\frac{Exp(u)}{vw}}$	L	CD	CDI	R
17622	14580	2	$\sqrt{\frac{Exp(u)}{vw}}$	L	CDF	CDIF	R
17623	14581	1	$\frac{(Exp(u))^3}{v^3 w^3}$	L	CD	CDI	K
17624	14581	2	$\frac{(Exp(u))^3}{v^3 w^3}$	L	CDF	CDIF	K
17625	14582	1	$e^{\frac{Exp(u)}{vw}}$	L	CD	CDI	E
17626	14582	2	$e^{\frac{Exp(u)}{vw}}$	L	CDF	CDIF	E
17627	14583	1	$\log\left(\frac{Exp(u)}{vw}\right)$	L	CD	CDI	L
17628	14583	2	$\log\left(\frac{Exp(u)}{vw}\right)$	L	CDF	CDIF	L
17629	14584	1	$\arcsin\left(\frac{Exp(u)}{vw}\right)$	L	CD	CDI	S
17630	14584	2	$\arcsin\left(\frac{Exp(u)}{vw}\right)$	L	CDF	CDIF	S

17631	14585	1	$\arctan\left(\frac{\text{Exp}(u)}{vw}\right)$	L	CD	CDI	T
17632	14585	2	$\arctan\left(\frac{\text{Exp}(u)}{vw}\right)$	L	CDF	CDIF	T
17633	14586	1	$\sqrt{\frac{v^2w^2 - (\text{Exp}(u))^2}{v^2w^2}}$	L	CD	CDI	P
17634	14586	2	$\sqrt{\frac{v^2w^2 - (\text{Exp}(u))^2}{v^2w^2}}$	L	CDF	CDIF	P
17635	14587	1	$\sqrt{\frac{v^2w^2 + (\text{Exp}(u))^2}{v^2w^2}}$	L	CD	CDI	H
17636	14587	2	$\sqrt{\frac{v^2w^2 + (\text{Exp}(u))^2}{v^2w^2}}$	L	CDF	CDIF	H
17637	14588	1	$\frac{\text{Exp}(u) w}{v\pi}$	L	CD	CDF	CD
17638	14589	1	$\frac{v\pi}{\text{Exp}(u) w}$	L	CD	CDF	CDI
17639	14590	1	$\frac{(\text{Exp}(u))^2 w^2}{v^2\pi^2}$	L	CD	CDF	AB
17640	14591	1	$\sqrt{\frac{\text{Exp}(u) w}{v\pi}}$	L	CD	CDF	R
17641	14592	1	$\frac{(\text{Exp}(u))^3 w^3}{v^3\pi^3}$	L	CD	CDF	K
17642	14593	1	$e^{\frac{\text{Exp}(u)w}{v\pi}}$	L	CD	CDF	E
17643	14594	1	$\log\left(\frac{\text{Exp}(u) w}{v\pi}\right)$	L	CD	CDF	L
17644	14595	1	$\arcsin\left(\frac{\text{Exp}(u) w}{v\pi}\right)$	L	CD	CDF	S
17645	14596	1	$\arctan\left(\frac{\text{Exp}(u) w}{v\pi}\right)$	L	CD	CDF	T

17646	14597	1	$\sqrt{\frac{v^2\pi^2 - (Exp(u))^2 w^2}{v^2\pi^2}}$	L	CD	CDF	P
17647	14598	1	$\sqrt{\frac{v^2\pi^2 + (Exp(u))^2 w^2}{v^2\pi^2}}$	L	CD	CDF	H
17648	14599	1	$\frac{Exp(u)}{vw\pi}$	L	CD	CDIF	CD
17649	14600	1	$\frac{vw\pi}{Exp(u)}$	L	CD	CDIF	CDI
17650	14601	1	$\frac{(Exp(u))^2}{v^2w^2\pi^2}$	L	CD	CDIF	AB
17651	14602	1	$\sqrt{\frac{Exp(u)}{vw\pi}}$	L	CD	CDIF	R
17652	14603	1	$\frac{(Exp(u))^3}{v^3w^3\pi^3}$	L	CD	CDIF	K
17653	14604	1	$e^{\frac{Exp(u)}{vw\pi}}$	L	CD	CDIF	E
17654	14605	1	$\log\left(\frac{Exp(u)}{vw\pi}\right)$	L	CD	CDIF	L
17655	14606	1	$\arcsin\left(\frac{Exp(u)}{vw\pi}\right)$	L	CD	CDIF	S
17656	14607	1	$\arctan\left(\frac{Exp(u)}{vw\pi}\right)$	L	CD	CDIF	T
17657	14608	1	$\sqrt{\frac{v^2w^2\pi^2 - (Exp(u))^2}{v^2w^2\pi^2}}$	L	CD	CDIF	P
17658	14609	1	$\sqrt{\frac{v^2w^2\pi^2 + (Exp(u))^2}{v^2w^2\pi^2}}$	L	CD	CDIF	H
17659	14610	1	$\frac{Exp(u) \sqrt{w}}{v}$	L	CD	AB	CD

17660	14611	1	$\frac{v}{Exp(u) \sqrt{w}}$	L	CD	AB	CDI
17661	14612	1	$\frac{Exp(u) \sqrt{w} \pi}{v}$	L	CD	AB	CDF
17662	14612	2	$\frac{Exp(u) \sqrt{w} \pi}{v}$	L	CDF	AB	CD
17663	14613	1	$\frac{v}{Exp(u) \sqrt{w} \pi}$	L	CD	AB	CDIF
17664	14613	2	$\frac{v}{Exp(u) \sqrt{w} \pi}$	L	CDF	AB	CDI
17665	14614	1	$\frac{(Exp(u))^2 w}{v^2}$	L	CD	AB	AB
17666	14615	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{v}}$	L	CD	AB	R
17667	14616	1	$\frac{(Exp(u))^3 w^{3/2}}{v^3}$	L	CD	AB	K
17668	14617	1	$e^{\frac{Exp(u) \sqrt{w}}{v}}$	L	CD	AB	E
17669	14618	1	$\log\left(\frac{Exp(u) \sqrt{w}}{v}\right)$	L	CD	AB	L
17670	14619	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{v}\right)$	L	CD	AB	S
17671	14620	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{v}\right)$	L	CD	AB	T
17672	14621	1	$\sqrt{-\frac{v^2 + (Exp(u))^2 w}{v^2}}$	L	CD	AB	P
17673	14622	1	$\sqrt{\frac{v^2 + (Exp(u))^2 w}{v^2}}$	L	CD	AB	H
17674	14623	1	$\frac{Exp(u) w^2}{v}$	L	CD	R	CD

17675	14624	1	$\frac{v}{Exp(u) w^2}$	L	CD	R	CDI
17676	14625	1	$\frac{Exp(u) w^2 \pi}{v}$	L	CD	R	CDF
17677	14625	2	$\frac{Exp(u) w^2 \pi}{v}$	L	CDF	R	CD
17678	14626	1	$\frac{v}{Exp(u) w^2 \pi}$	L	CD	R	CDIF
17679	14626	2	$\frac{v}{Exp(u) w^2 \pi}$	L	CDF	R	CDI
17680	14627	1	$\frac{(Exp(u))^2 w^4}{v^2}$	L	CD	R	AB
17681	14628	1	$\sqrt{\frac{Exp(u) w^2}{v}}$	L	CD	R	R
17682	14629	1	$\frac{(Exp(u))^3 w^6}{v^3}$	L	CD	R	K
17683	14630	1	$e^{\frac{Exp(u) w^2}{v}}$	L	CD	R	E
17684	14631	1	$\log\left(\frac{Exp(u) w^2}{v}\right)$	L	CD	R	L
17685	14632	1	$\arcsin\left(\frac{Exp(u) w^2}{v}\right)$	L	CD	R	S
17686	14633	1	$\arctan\left(\frac{Exp(u) w^2}{v}\right)$	L	CD	R	T
17687	14634	1	$\sqrt{-\frac{v^2 + (Exp(u))^2 w^4}{v^2}}$	L	CD	R	P
17688	14635	1	$\sqrt{\frac{v^2 + (Exp(u))^2 w^4}{v^2}}$	L	CD	R	H
17689	14636	1	$\frac{Exp(u) \sqrt[3]{w}}{v}$	L	CD	K	CD

17690	14637	1	$\frac{v}{Exp(u) \sqrt[3]{w}}$	L	CD	K	CDI
17691	14638	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{v}$	L	CD	K	CDF
17692	14638	2	$\frac{Exp(u) \sqrt[3]{w} \pi}{v}$	L	CDF	K	CD
17693	14639	1	$\frac{v}{Exp(u) \sqrt[3]{w} \pi}$	L	CD	K	CDIF
17694	14639	2	$\frac{v}{Exp(u) \sqrt[3]{w} \pi}$	L	CDF	K	CDI
17695	14640	1	$\frac{(Exp(u))^2 w^{2/3}}{v^2}$	L	CD	K	AB
17696	14641	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{v}}$	L	CD	K	R
17697	14642	1	$\frac{(Exp(u))^3 w}{v^3}$	L	CD	K	K
17698	14643	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{v}}$	L	CD	K	E
17699	14644	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{v}\right)$	L	CD	K	L
17700	14645	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{v}\right)$	L	CD	K	S
17701	14646	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{v}\right)$	L	CD	K	T
17702	14647	1	$\sqrt{\frac{v^2 - (Exp(u))^2 w^{2/3}}{v^2}}$	L	CD	K	P
17703	14648	1	$\sqrt{\frac{v^2 + (Exp(u))^2 w^{2/3}}{v^2}}$	L	CD	K	H
17704	14649	1	$\frac{Exp(u) \ln(w)}{v}$	L	CD	E	CD

17705	14650	1	$\frac{v}{Exp(u) \ln(w)}$	L	CD	E	CDI
17706	14651	1	$\frac{Exp(u) \ln(w) \pi}{v}$	L	CD	E	CDF
17707	14651	2	$\frac{Exp(u) \ln(w) \pi}{v}$	L	CDF	E	CD
17708	14652	1	$\frac{v}{Exp(u) \ln(w) \pi}$	L	CD	E	CDIF
17709	14652	2	$\frac{v}{Exp(u) \ln(w) \pi}$	L	CDF	E	CDI
17710	14653	1	$\frac{(Exp(u))^2 (\ln(w))^2}{v^2}$	L	CD	E	AB
17711	14654	1	$\sqrt{\frac{Exp(u) \ln(w)}{v}}$	L	CD	E	R
17712	14655	1	$\frac{(Exp(u))^3 (\ln(w))^3}{v^3}$	L	CD	E	K
17713	14656	1	$w^{\frac{Exp(u)}{v}}$	L	CD	E	E
17714	14657	1	$\log\left(\frac{Exp(u) \ln(w)}{v}\right)$	L	CD	E	L
17715	14658	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{v}\right)$	L	CD	E	S
17716	14659	1	$\arctan\left(\frac{Exp(u) \ln(w)}{v}\right)$	L	CD	E	T
17717	14660	1	$\sqrt{\frac{v^2 - (Exp(u))^2 (\ln(w))^2}{v^2}}$	L	CD	E	P
17718	14661	1	$\sqrt{\frac{v^2 + (Exp(u))^2 (\ln(w))^2}{v^2}}$	L	CD	E	H
17719	14662	1	$\frac{Exp(u) Exp(w)}{v}$	L	CD	L	CD

17720	14663	1	$\frac{v}{Exp(u) Exp(w)}$	L	CD	L	CDI
17721	14664	1	$\frac{Exp(u) Exp(w) \pi}{v}$	L	CD	L	CDF
17722	14664	2	$\frac{Exp(u) Exp(w) \pi}{v}$	L	CDF	L	CD
17723	14665	1	$\frac{v}{Exp(u) Exp(w) \pi}$	L	CD	L	CDIF
17724	14665	2	$\frac{v}{Exp(u) Exp(w) \pi}$	L	CDF	L	CDI
17725	14666	1	$\frac{(Exp(u))^2 (Exp(w))^2}{v^2}$	L	CD	L	AB
17726	14667	1	$\sqrt{\frac{Exp(u) Exp(w)}{v}}$	L	CD	L	R
17727	14668	1	$\frac{(Exp(u))^3 (Exp(w))^3}{v^3}$	L	CD	L	K
17728	14669	1	$e^{\frac{Exp(u)Exp(w)}{v}}$	L	CD	L	E
17729	14670	1	$\log\left(\frac{Exp(u) Exp(w)}{v}\right)$	L	CD	L	L
17730	14671	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{v}\right)$	L	CD	L	S
17731	14672	1	$\arctan\left(\frac{Exp(u) Exp(w)}{v}\right)$	L	CD	L	T
17732	14673	1	$\sqrt{\frac{v^2 - (Exp(u))^2 (Exp(w))^2}{v^2}}$	L	CD	L	P
17733	14674	1	$\sqrt{\frac{v^2 + (Exp(u))^2 (Exp(w))^2}{v^2}}$	L	CD	L	H
17734	14675	1	$\frac{Exp(u) \sin(w)}{v}$	L	CD	S	CD

17735	14676	1	$\frac{v}{Exp(u) \sin(w)}$	L	CD	S	CDI
17736	14677	1	$\frac{Exp(u) \sin(w) \pi}{v}$	L	CD	S	CDF
17737	14677	2	$\frac{Exp(u) \sin(w) \pi}{v}$	L	CDF	S	CD
17738	14678	1	$\frac{v}{Exp(u) \sin(w) \pi}$	L	CD	S	CDIF
17739	14678	2	$\frac{v}{Exp(u) \sin(w) \pi}$	L	CDF	S	CDI
17740	14679	1	$\frac{(Exp(u))^2 (\sin(w))^2}{v^2}$	L	CD	S	AB
17741	14680	1	$\sqrt{\frac{Exp(u) \sin(w)}{v}}$	L	CD	S	R
17742	14681	1	$\frac{(Exp(u))^3 (\sin(w))^3}{v^3}$	L	CD	S	K
17743	14682	1	$e^{\frac{Exp(u) \sin(w)}{v}}$	L	CD	S	E
17744	14683	1	$\log\left(\frac{Exp(u) \sin(w)}{v}\right)$	L	CD	S	L
17745	14684	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{v}\right)$	L	CD	S	S
17746	14685	1	$\arctan\left(\frac{Exp(u) \sin(w)}{v}\right)$	L	CD	S	T
17747	14686	1	$\sqrt{\frac{v^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{v^2}}$	L	CD	S	P
17748	14687	1	$\sqrt{-\frac{v^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{v^2}}$	L	CD	S	H
17749	14688	1	$\frac{Exp(u) \tan(w)}{v}$	L	CD	T	CD

17750	14689	1	$\frac{v}{\text{Exp}(u) \tan(w)}$	L	CD	T	CDI
17751	14690	1	$\frac{\text{Exp}(u) \tan(w) \pi}{v}$	L	CD	T	CDF
17752	14690	2	$\frac{\text{Exp}(u) \tan(w) \pi}{v}$	L	CDF	T	CD
17753	14691	1	$\frac{v}{\text{Exp}(u) \tan(w) \pi}$	L	CD	T	CDIF
17754	14691	2	$\frac{v}{\text{Exp}(u) \tan(w) \pi}$	L	CDF	T	CDI
17755	14692	1	$\frac{(\text{Exp}(u))^2 (\tan(w))^2}{v^2}$	L	CD	T	AB
17756	14693	1	$\sqrt{\frac{\text{Exp}(u) \tan(w)}{v}}$	L	CD	T	R
17757	14694	1	$\frac{(\text{Exp}(u))^3 (\tan(w))^3}{v^3}$	L	CD	T	K
17758	14695	1	$e^{\frac{\text{Exp}(u) \tan(w)}{v}}$	L	CD	T	E
17759	14696	1	$\log\left(\frac{\text{Exp}(u) \tan(w)}{v}\right)$	L	CD	T	L
17760	14697	1	$\arcsin\left(\frac{\text{Exp}(u) \tan(w)}{v}\right)$	L	CD	T	S
17761	14698	1	$\arctan\left(\frac{\text{Exp}(u) \tan(w)}{v}\right)$	L	CD	T	T
17762	14699	1	$\sqrt{-\frac{v^2 + (\text{Exp}(u))^2 (\tan(w))^2}{v^2}}$	L	CD	T	P
17763	14700	1	$\sqrt{\frac{v^2 + (\text{Exp}(u))^2 (\tan(w))^2}{v^2}}$	L	CD	T	H
17764	14701	1	$\frac{\text{Exp}(u) \sqrt{1-w^2}}{v}$	L	CD	P	CD

17765	14702	1	$\frac{v}{Exp(u) \sqrt{1-w^2}}$	L	CD	P	CDI
17766	14703	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{v}$	L	CD	P	CDF
17767	14703	2	$\frac{Exp(u) \sqrt{1-w^2} \pi}{v}$	L	CDF	P	CD
17768	14704	1	$\frac{v}{Exp(u) \sqrt{1-w^2} \pi}$	L	CD	P	CDIF
17769	14704	2	$\frac{v}{Exp(u) \sqrt{1-w^2} \pi}$	L	CDF	P	CDI
17770	14705	1	$-\frac{(Exp(u))^2 (-1+w^2)}{v^2}$	L	CD	P	AB
17771	14706	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2}}{v}}$	L	CD	P	R
17772	14707	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{v^3}$	L	CD	P	K
17773	14708	1	$e^{\frac{Exp(u) \sqrt{1-w^2}}{v}}$	L	CD	P	E
17774	14709	1	$\log\left(\frac{Exp(u) \sqrt{1-w^2}}{v}\right)$	L	CD	P	L
17775	14710	1	$\arcsin\left(\frac{Exp(u) \sqrt{1-w^2}}{v}\right)$	L	CD	P	S
17776	14711	1	$\arctan\left(\frac{Exp(u) \sqrt{1-w^2}}{v}\right)$	L	CD	P	T
17777	14712	1	$\sqrt{\frac{v^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^2}} \mathbf{L}$		CD	P	P
17778	14712	2	$\sqrt{\frac{v^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^2}} \mathbf{L}$		CD	H	H
17779	14713	1	$\sqrt{-\frac{v^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^2}} \mathbf{L}$		CD	P	H

17780	14713	2	$\sqrt{-\frac{-v^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^2}}$	L	CD	H	P
17781	14714	1	$\frac{Exp(u) \sqrt{-1 + w^2}}{v}$	L	CD	H	CD
17782	14715	1	$\frac{v}{Exp(u) \sqrt{-1 + w^2}}$	L	CD	H	CDI
17783	14716	1	$\frac{Exp(u) \sqrt{-1 + w^2} \pi}{v}$	L	CD	H	CDF
17784	14716	2	$\frac{Exp(u) \sqrt{-1 + w^2} \pi}{v}$	L	CDF	H	CD
17785	14717	1	$\frac{v}{Exp(u) \sqrt{-1 + w^2} \pi}$	L	CD	H	CDIF
17786	14717	2	$\frac{v}{Exp(u) \sqrt{-1 + w^2} \pi}$	L	CDF	H	CDI
17787	14718	1	$\frac{(Exp(u))^2 (-1 + w^2)}{v^2}$	L	CD	H	AB
17788	14719	1	$\sqrt{\frac{Exp(u) \sqrt{-1 + w^2}}{v}}$	L	CD	H	R
17789	14720	1	$\frac{(Exp(u))^3 (-1 + w^2)^{3/2}}{v^3}$	L	CD	H	K
17790	14721	1	$e^{\frac{Exp(u) \sqrt{-1 + w^2}}{v}}$	L	CD	H	E
17791	14722	1	$\log\left(\frac{Exp(u) \sqrt{-1 + w^2}}{v}\right)$	L	CD	H	L
17792	14723	1	$\arcsin\left(\frac{Exp(u) \sqrt{-1 + w^2}}{v}\right)$	L	CD	H	S
17793	14724	1	$\arctan\left(\frac{Exp(u) \sqrt{-1 + w^2}}{v}\right)$	L	CD	H	T
17794	14725	1	$Exp(u) vw$	L	CDI	CD	CD

17795	14725	2	$Exp(u)vw$	L	CDI	CDF	CDF
17796	14725	3	$Exp(u)vw$	L	CDIF	CDF	CD
17797	14726	1	$\frac{1}{Exp(u)vw}$	L	CDI	CD	CDI
17798	14726	2	$\frac{1}{Exp(u)vw}$	L	CDI	CDF	CDIF
17799	14726	3	$\frac{1}{Exp(u)vw}$	L	CDIF	CDF	CDI
17800	14727	1	$Exp(u)vw\pi$	L	CDI	CD	CDF
17801	14727	2	$Exp(u)vw\pi$	L	CDIF	CD	CD
17802	14727	3	$Exp(u)vw\pi$	L	CDIF	CDF	CDF
17803	14728	1	$\frac{1}{Exp(u)vw\pi}$	L	CDI	CD	CDIF
17804	14728	2	$\frac{1}{Exp(u)vw\pi}$	L	CDIF	CD	CDI
17805	14728	3	$\frac{1}{Exp(u)vw\pi}$	L	CDIF	CDF	CDIF
17806	14729	1	$(Exp(u))^2 v^2 w^2$	L	CDI	CD	AB
17807	14729	2	$(Exp(u))^2 v^2 w^2$	L	CDIF	CDF	AB
17808	14730	1	$\sqrt{Exp(u)vw}$	L	CDI	CD	R
17809	14730	2	$\sqrt{Exp(u)vw}$	L	CDIF	CDF	R
17810	14731	1	$(Exp(u))^3 v^3 w^3$	L	CDI	CD	K
17811	14731	2	$(Exp(u))^3 v^3 w^3$	L	CDIF	CDF	K
17812	14732	1	$e^{Exp(u)vw}$	L	CDI	CD	E
17813	14732	2	$e^{Exp(u)vw}$	L	CDIF	CDF	E
17814	14733	1	$\log(Exp(u)vw)$	L	CDI	CD	L
17815	14733	2	$\log(Exp(u)vw)$	L	CDIF	CDF	L
17816	14734	1	$\arcsin(Exp(u)vw)$	L	CDI	CD	S

17817	14734	2	$\arcsin (Exp(u) v w)$	L	CDIF	CDF	S
17818	14735	1	$\arctan (Exp(u) v w)$	L	CDI	CD	T
17819	14735	2	$\arctan (Exp(u) v w)$	L	CDIF	CDF	T
17820	14736	1	$\sqrt{1-(Exp(u))^2 v^2 w^2}$	L	CDI	CD	P
17821	14736	2	$\sqrt{1-(Exp(u))^2 v^2 w^2}$	L	CDIF	CDF	P
17822	14737	1	$\sqrt{1+(Exp(u))^2 v^2 w^2}$	L	CDI	CD	H
17823	14737	2	$\sqrt{1+(Exp(u))^2 v^2 w^2}$	L	CDIF	CDF	H
17824	14738	1	$\frac{Exp(u) v}{w}$	L	CDI	CDI	CD
17825	14738	2	$\frac{Exp(u) v}{w}$	L	CDI	CDIF	CDF
17826	14738	3	$\frac{Exp(u) v}{w}$	L	CDIF	CDIF	CD
17827	14739	1	$\frac{w}{Exp(u) v}$	L	CDI	CDI	CDI
17828	14739	2	$\frac{w}{Exp(u) v}$	L	CDI	CDIF	CDIF
17829	14739	3	$\frac{w}{Exp(u) v}$	L	CDIF	CDIF	CDI
17830	14740	1	$\frac{Exp(u) v \pi}{w}$	L	CDI	CDI	CDF
17831	14740	2	$\frac{Exp(u) v \pi}{w}$	L	CDIF	CDI	CD
17832	14740	3	$\frac{Exp(u) v \pi}{w}$	L	CDIF	CDIF	CDF
17833	14741	1	$\frac{w}{Exp(u) v \pi}$	L	CDI	CDI	CDIF
17834	14741	2	$\frac{w}{Exp(u) v \pi}$	L	CDIF	CDI	CDI
17835	14741	3	$\frac{w}{Exp(u) v \pi}$	L	CDIF	CDIF	CDIF

17836	14742	1	$\frac{(Exp(u))^2 v^2}{w^2}$	L	CDI	CDI	AB
17837	14742	2	$\frac{(Exp(u))^2 v^2}{w^2}$	L	CDIF	CDIF	AB
17838	14743	1	$\sqrt{\frac{Exp(u) v}{w}}$	L	CDI	CDI	R
17839	14743	2	$\sqrt{\frac{Exp(u) v}{w}}$	L	CDIF	CDIF	R
17840	14744	1	$\frac{(Exp(u))^3 v^3}{w^3}$	L	CDI	CDI	K
17841	14744	2	$\frac{(Exp(u))^3 v^3}{w^3}$	L	CDIF	CDIF	K
17842	14745	1	$e^{\frac{Exp(u)v}{w}}$	L	CDI	CDI	E
17843	14745	2	$e^{\frac{Exp(u)v}{w}}$	L	CDIF	CDIF	E
17844	14746	1	$\log\left(\frac{Exp(u) v}{w}\right)$	L	CDI	CDI	L
17845	14746	2	$\log\left(\frac{Exp(u) v}{w}\right)$	L	CDIF	CDIF	L
17846	14747	1	$\arcsin\left(\frac{Exp(u) v}{w}\right)$	L	CDI	CDI	S
17847	14747	2	$\arcsin\left(\frac{Exp(u) v}{w}\right)$	L	CDIF	CDIF	S
17848	14748	1	$\arctan\left(\frac{Exp(u) v}{w}\right)$	L	CDI	CDI	T
17849	14748	2	$\arctan\left(\frac{Exp(u) v}{w}\right)$	L	CDIF	CDIF	T
17850	14749	1	$\sqrt{\frac{w^2 - (Exp(u))^2 v^2}{w^2}}$	L	CDI	CDI	P
17851	14749	2	$\sqrt{\frac{w^2 - (Exp(u))^2 v^2}{w^2}}$	L	CDIF	CDIF	P
17852	14750	1	$\sqrt{\frac{w^2 + (Exp(u))^2 v^2}{w^2}}$	L	CDI	CDI	H

17853	14750	2	$\sqrt{\frac{w^2 + (Exp(u))^2 v^2}{w^2}}$	L	CDIF	CDIF	H
17854	14751	1	$\frac{Exp(u) vw}{\pi}$	L	CDI	CDF	CD
17855	14752	1	$\frac{\pi}{Exp(u) vw}$	L	CDI	CDF	CDI
17856	14753	1	$\frac{(Exp(u))^2 v^2 w^2}{\pi^2}$	L	CDI	CDF	AB
17857	14754	1	$\sqrt{\frac{Exp(u) vw}{\pi}}$	L	CDI	CDF	R
17858	14755	1	$\frac{(Exp(u))^3 v^3 w^3}{\pi^3}$	L	CDI	CDF	K
17859	14756	1	$e^{\frac{Exp(u) vw}{\pi}}$	L	CDI	CDF	E
17860	14757	1	$\log\left(\frac{Exp(u) vw}{\pi}\right)$	L	CDI	CDF	L
17861	14758	1	$\arcsin\left(\frac{Exp(u) vw}{\pi}\right)$	L	CDI	CDF	S
17862	14759	1	$\arctan\left(\frac{Exp(u) vw}{\pi}\right)$	L	CDI	CDF	T
17863	14760	1	$\sqrt{\frac{\pi^2 - (Exp(u))^2 v^2 w^2}{\pi^2}}$	L	CDI	CDF	P
17864	14761	1	$\sqrt{\frac{\pi^2 + (Exp(u))^2 v^2 w^2}{\pi^2}}$	L	CDI	CDF	H
17865	14762	1	$\frac{Exp(u) v}{w\pi}$	L	CDI	CDIF	CD
17866	14763	1	$\frac{w\pi}{Exp(u) v}$	L	CDI	CDIF	CDI
17867	14764	1	$\frac{(Exp(u))^2 v^2}{w^2 \pi^2}$	L	CDI	CDIF	AB

17868	14765	1	$\sqrt{\frac{Exp(u) v}{w\pi}}$	L	CDI	CDIF	R
17869	14766	1	$\frac{(Exp(u))^3 v^3}{w^3 \pi^3}$	L	CDI	CDIF	K
17870	14767	1	$e^{\frac{Exp(u)v}{w\pi}}$	L	CDI	CDIF	E
17871	14768	1	$\log\left(\frac{Exp(u) v}{w\pi}\right)$	L	CDI	CDIF	L
17872	14769	1	$\arcsin\left(\frac{Exp(u) v}{w\pi}\right)$	L	CDI	CDIF	S
17873	14770	1	$\arctan\left(\frac{Exp(u) v}{w\pi}\right)$	L	CDI	CDIF	T
17874	14771	1	$\sqrt{\frac{w^2 \pi^2 - (Exp(u))^2 v^2}{w^2 \pi^2}}$	L	CDI	CDIF	P
17875	14772	1	$\sqrt{\frac{w^2 \pi^2 + (Exp(u))^2 v^2}{w^2 \pi^2}}$	L	CDI	CDIF	H
17876	14773	1	$Exp(u) v \sqrt{w}$	L	CDI	AB	CD
17877	14774	1	$\frac{1}{Exp(u) v \sqrt{w}}$	L	CDI	AB	CDI
17878	14775	1	$Exp(u) v \sqrt{w\pi}$	L	CDI	AB	CDF
17879	14775	2	$Exp(u) v \sqrt{w\pi}$	L	CDIF	AB	CD
17880	14776	1	$\frac{1}{Exp(u) v \sqrt{w\pi}}$	L	CDI	AB	CDIF
17881	14776	2	$\frac{1}{Exp(u) v \sqrt{w\pi}}$	L	CDIF	AB	CDI
17882	14777	1	$(Exp(u))^2 v^2 w$	L	CDI	AB	AB

17883	14778	1	$\sqrt{\text{Exp}(u) v \sqrt{w}}$	L	CDI	AB	R
17884	14779	1	$(\text{Exp}(u))^3 v^3 w^{3/2}$	L	CDI	AB	K
17885	14780	1	$e^{\text{Exp}(u) v \sqrt{w}}$	L	CDI	AB	E
17886	14781	1	$\log(\text{Exp}(u) v \sqrt{w})$	L	CDI	AB	L
17887	14782	1	$\arcsin(\text{Exp}(u) v \sqrt{w})$	L	CDI	AB	S
17888	14783	1	$\arctan(\text{Exp}(u) v \sqrt{w})$	L	CDI	AB	T
17889	14784	1	$\sqrt{1 - (\text{Exp}(u))^2 v^2 w}$	L	CDI	AB	P
17890	14785	1	$\sqrt{1 + (\text{Exp}(u))^2 v^2 w}$	L	CDI	AB	H
17891	14786	1	$\text{Exp}(u) v w^2$	L	CDI	R	CD
17892	14787	1	$\frac{1}{\text{Exp}(u) v w^2}$	L	CDI	R	CDI
17893	14788	1	$\text{Exp}(u) v w^2 \pi$	L	CDI	R	CDF
17894	14788	2	$\text{Exp}(u) v w^2 \pi$	L	CDIF	R	CD
17895	14789	1	$\frac{1}{\text{Exp}(u) v w^2 \pi}$	L	CDI	R	CDIF
17896	14789	2	$\frac{1}{\text{Exp}(u) v w^2 \pi}$	L	CDIF	R	CDI
17897	14790	1	$(\text{Exp}(u))^2 v^2 w^4$	L	CDI	R	AB
17898	14791	1	$\sqrt{\text{Exp}(u) v w^2}$	L	CDI	R	R
17899	14792	1	$(\text{Exp}(u))^3 v^3 w^6$	L	CDI	R	K

17900	14793	1	$e^{Exp(u)vw^2}$	L	CDI	R	E
17901	14794	1	$\log (Exp(u)vw^2)$	L	CDI	R	L
17902	14795	1	$\arcsin (Exp(u)vw^2)$	L	CDI	R	S
17903	14796	1	$\arctan (Exp(u)vw^2)$	L	CDI	R	T
17904	14797	1	$\sqrt{1-(Exp(u))^2v^2w^4}$	L	CDI	R	P
17905	14798	1	$\sqrt{1+(Exp(u))^2v^2w^4}$	L	CDI	R	H
17906	14799	1	$Exp(u)v\sqrt[3]{w}$	L	CDI	K	CD
17907	14800	1	$\frac{1}{Exp(u)v\sqrt[3]{w}}$	L	CDI	K	CDI
17908	14801	1	$Exp(u)v\sqrt[3]{w}\pi$	L	CDI	K	CDF
17909	14801	2	$Exp(u)v\sqrt[3]{w}\pi$	L	CDIF	K	CD
17910	14802	1	$\frac{1}{Exp(u)v\sqrt[3]{w}\pi}$	L	CDI	K	CDIF
17911	14802	2	$\frac{1}{Exp(u)v\sqrt[3]{w}\pi}$	L	CDIF	K	CDI
17912	14803	1	$(Exp(u))^2v^2w^{2/3}$	L	CDI	K	AB
17913	14804	1	$\sqrt{Exp(u)v\sqrt[3]{w}}$	L	CDI	K	R
17914	14805	1	$(Exp(u))^3v^3w$	L	CDI	K	K
17915	14806	1	$e^{Exp(u)v\sqrt[3]{w}}$	L	CDI	K	E
17916	14807	1	$\log (Exp(u)v\sqrt[3]{w})$	L	CDI	K	L

17917	14808	1	$\arcsin \left(\text{Exp}(u) v \sqrt[3]{w} \right)$	L	CDI	K	S
17918	14809	1	$\arctan \left(\text{Exp}(u) v \sqrt[3]{w} \right)$	L	CDI	K	T
17919	14810	1	$\sqrt{1 - (\text{Exp}(u))^2 v^2 w^{2/3}}$	L	CDI	K	P
17920	14811	1	$\sqrt{1 + (\text{Exp}(u))^2 v^2 w^{2/3}}$	L	CDI	K	H
17921	14812	1	$\text{Exp}(u) v \ln(w)$	L	CDI	E	CD
17922	14813	1	$\frac{1}{\text{Exp}(u) v \ln(w)}$	L	CDI	E	CDI
17923	14814	1	$\text{Exp}(u) v \ln(w) \pi$	L	CDI	E	CDF
17924	14814	2	$\text{Exp}(u) v \ln(w) \pi$	L	CDIF	E	CD
17925	14815	1	$\frac{1}{\text{Exp}(u) v \ln(w) \pi}$	L	CDI	E	CDIF
17926	14815	2	$\frac{1}{\text{Exp}(u) v \ln(w) \pi}$	L	CDIF	E	CDI
17927	14816	1	$(\text{Exp}(u))^2 v^2 (\ln(w))^2$	L	CDI	E	AB
17928	14817	1	$\sqrt{\text{Exp}(u) v \ln(w)}$	L	CDI	E	R
17929	14818	1	$(\text{Exp}(u))^3 v^3 (\ln(w))^3$	L	CDI	E	K
17930	14819	1	$w^{\text{Exp}(u)v}$	L	CDI	E	E
17931	14820	1	$\log(\text{Exp}(u) v \ln(w))$	L	CDI	E	L
17932	14821	1	$\arcsin(\text{Exp}(u) v \ln(w))$	L	CDI	E	S
17933	14822	1	$\arctan(\text{Exp}(u) v \ln(w))$	L	CDI	E	T

17934	14823	1	$\sqrt{1 - (Exp(u))^2 v^2 (\ln(w))^2}$	L	CDI	E	P
17935	14824	1	$\sqrt{1 + (Exp(u))^2 v^2 (\ln(w))^2}$	L	CDI	E	H
17936	14825	1	$Exp(u) v Exp(w)$	L	CDI	L	CD
17937	14826	1	$\frac{1}{Exp(u) v Exp(w)}$	L	CDI	L	CDI
17938	14827	1	$Exp(u) v Exp(w) \pi$	L	CDI	L	CDF
17939	14827	2	$Exp(u) v Exp(w) \pi$	L	CDIF	L	CD
17940	14828	1	$\frac{1}{Exp(u) v Exp(w) \pi}$	L	CDI	L	CDIF
17941	14828	2	$\frac{1}{Exp(u) v Exp(w) \pi}$	L	CDIF	L	CDI
17942	14829	1	$(Exp(u))^2 v^2 (Exp(w))^2$	L	CDI	L	AB
17943	14830	1	$\sqrt{Exp(u) v Exp(w)}$	L	CDI	L	R
17944	14831	1	$(Exp(u))^3 v^3 (Exp(w))^3$	L	CDI	L	K
17945	14832	1	$e^{Exp(u) v Exp(w)}$	L	CDI	L	E
17946	14833	1	$\log(Exp(u) v Exp(w))$	L	CDI	L	L
17947	14834	1	$\arcsin(Exp(u) v Exp(w))$	L	CDI	L	S
17948	14835	1	$\arctan(Exp(u) v Exp(w))$	L	CDI	L	T
17949	14836	1	$\sqrt{1 - (Exp(u))^2 v^2 (Exp(w))^2}$	L	CDI	L	P
17950	14837	1	$\sqrt{1 + (Exp(u))^2 v^2 (Exp(w))^2}$	L	CDI	L	H

17951	14838	1	$Exp(u) v \sin(w)$	L	CDI	S	CD
17952	14839	1	$\frac{1}{Exp(u) v \sin(w)}$	L	CDI	S	CDI
17953	14840	1	$Exp(u) v \sin(w) \pi$	L	CDI	S	CDF
17954	14840	2	$Exp(u) v \sin(w) \pi$	L	CDIF	S	CD
17955	14841	1	$\frac{1}{Exp(u) v \sin(w) \pi}$	L	CDI	S	CDIF
17956	14841	2	$\frac{1}{Exp(u) v \sin(w) \pi}$	L	CDIF	S	CDI
17957	14842	1	$(Exp(u))^2 v^2 (\sin(w))^2$	L	CDI	S	AB
17958	14843	1	$\sqrt{Exp(u) v \sin(w)}$	L	CDI	S	R
17959	14844	1	$(Exp(u))^3 v^3 (\sin(w))^3$	L	CDI	S	K
17960	14845	1	$e^{Exp(u) v \sin(w)}$	L	CDI	S	E
17961	14846	1	$\log(Exp(u) v \sin(w))$	L	CDI	S	L
17962	14847	1	$\arcsin(Exp(u) v \sin(w))$	L	CDI	S	S
17963	14848	1	$\arctan(Exp(u) v \sin(w))$	L	CDI	S	T
17964	14849	1	$\sqrt{1 - (Exp(u))^2 v^2 + (Exp(u))^2 \mathfrak{E}(\cos(w))^2}$			S	P
17965	14850	1	$\sqrt{1 + (Exp(u))^2 v^2 - (Exp(u))^2 \mathfrak{E}(\cos(w))^2}$			S	H
17966	14851	1	$Exp(u) v \tan(w)$	L	CDI	T	CD

17967	14852	1	$\frac{1}{\text{Exp}(u) v \tan(w)}$	L	CDI	T	CDI
17968	14853	1	$\text{Exp}(u) v \tan(w) \pi$	L	CDI	T	CDF
17969	14853	2	$\text{Exp}(u) v \tan(w) \pi$	L	CDIF	T	CD
17970	14854	1	$\frac{1}{\text{Exp}(u) v \tan(w) \pi}$	L	CDI	T	CDIF
17971	14854	2	$\frac{1}{\text{Exp}(u) v \tan(w) \pi}$	L	CDIF	T	CDI
17972	14855	1	$(\text{Exp}(u))^2 v^2 (\tan(w))^2$	L	CDI	T	AB
17973	14856	1	$\sqrt{\text{Exp}(u) v \tan(w)}$	L	CDI	T	R
17974	14857	1	$(\text{Exp}(u))^3 v^3 (\tan(w))^3$	L	CDI	T	K
17975	14858	1	$e^{\text{Exp}(u) v \tan(w)}$	L	CDI	T	E
17976	14859	1	$\log(\text{Exp}(u) v \tan(w))$	L	CDI	T	L
17977	14860	1	$\arcsin(\text{Exp}(u) v \tan(w))$	L	CDI	T	S
17978	14861	1	$\arctan(\text{Exp}(u) v \tan(w))$	L	CDI	T	T
17979	14862	1	$\sqrt{1 - (\text{Exp}(u))^2 v^2 (\tan(w))^2}$	L	CDI	T	P
17980	14863	1	$\sqrt{1 + (\text{Exp}(u))^2 v^2 (\tan(w))^2}$	L	CDI	T	H
17981	14864	1	$\text{Exp}(u) v \sqrt{1 - w^2}$	L	CDI	P	CD
17982	14865	1	$\frac{1}{\text{Exp}(u) v \sqrt{1 - w^2}}$	L	CDI	P	CDI
17983	14866	1	$\text{Exp}(u) v \sqrt{1 - w^2} \pi$	L	CDI	P	CDF

17984	14866	2	$Exp(u) v \sqrt{1-w^2} \pi$	L	CDIF	P	CD
17985	14867	1	$\frac{1}{Exp(u) v \sqrt{1-w^2} \pi}$	L	CDI	P	CDIF
17986	14867	2	$\frac{1}{Exp(u) v \sqrt{1-w^2} \pi}$	L	CDIF	P	CDI
17987	14868	1	$-(Exp(u))^2 v^2 (-1+w^2)$	L	CDI	P	AB
17988	14869	1	$\sqrt{Exp(u) v \sqrt{1-w^2}}$	L	CDI	P	R
17989	14870	1	$(Exp(u))^3 v^3 (1-w^2)^{3/2}$	L	CDI	P	K
17990	14871	1	$e^{Exp(u) v \sqrt{1-w^2}}$	L	CDI	P	E
17991	14872	1	$\log \left(Exp(u) v \sqrt{1-w^2} \right)$	L	CDI	P	L
17992	14873	1	$\arcsin \left(Exp(u) v \sqrt{1-w^2} \right)$	L	CDI	P	S
17993	14874	1	$\arctan \left(Exp(u) v \sqrt{1-w^2} \right)$	L	CDI	P	T
17994	14875	1	$\sqrt{1 - (Exp(u))^2 v^2 + (Exp(u))^2 \mathfrak{L} w^2}$	CDI	P	P	
17995	14875	2	$\sqrt{1 - (Exp(u))^2 v^2 + (Exp(u))^2 \mathfrak{L} w^2}$	CDI	H	H	
17996	14876	1	$\sqrt{1 + (Exp(u))^2 v^2 - (Exp(u))^2 \mathfrak{L} w^2}$	CDI	P	H	
17997	14876	2	$\sqrt{1 + (Exp(u))^2 v^2 - (Exp(u))^2 \mathfrak{L} w^2}$	CDI	H	P	
17998	14877	1	$Exp(u) v \sqrt{-1+w^2}$	L	CDI	H	CD
17999	14878	1	$\frac{1}{Exp(u) v \sqrt{-1+w^2}}$	L	CDI	H	CDI
18000	14879	1	$Exp(u) v \sqrt{-1+w^2} \pi$	L	CDI	H	CDF
18001	14879	2	$Exp(u) v \sqrt{-1+w^2} \pi$	L	CDIF	H	CD

18002	14880	1	$\frac{1}{Exp(u) v \sqrt{-1 + w^2} \pi}$	L	CDI	H	CDIF
18003	14880	2	$\frac{1}{Exp(u) v \sqrt{-1 + w^2} \pi}$	L	CDIF	H	CDI
18004	14881	1	$(Exp(u))^2 v^2 (-1 + w^2)$	L	CDI	H	AB
18005	14882	1	$\sqrt{Exp(u) v \sqrt{-1 + w^2}}$	L	CDI	H	R
18006	14883	1	$(Exp(u))^3 v^3 (-1 + w^2)^{3/2}$	L	CDI	H	K
18007	14884	1	$e^{Exp(u) v \sqrt{-1 + w^2}}$	L	CDI	H	E
18008	14885	1	$\log \left(Exp(u) v \sqrt{-1 + w^2} \right)$	L	CDI	H	L
18009	14886	1	$\arcsin \left(Exp(u) v \sqrt{-1 + w^2} \right)$	L	CDI	H	S
18010	14887	1	$\arctan \left(Exp(u) v \sqrt{-1 + w^2} \right)$	L	CDI	H	T
18011	14888	1	$\frac{Exp(u) w \pi^2}{v}$	L	CDF	CD	CDF
18012	14889	1	$\frac{v}{Exp(u) w \pi^2}$	L	CDF	CD	CDIF
18013	14890	1	$\frac{(Exp(u))^2 w^2 \pi^2}{v^2}$	L	CDF	CD	AB
18014	14891	1	$\sqrt{\frac{Exp(u) w \pi}{v}}$	L	CDF	CD	R
18015	14892	1	$\frac{(Exp(u))^3 w^3 \pi^3}{v^3}$	L	CDF	CD	K
18016	14893	1	$e^{\frac{Exp(u) w \pi}{v}}$	L	CDF	CD	E

18017	14894	1	$\log\left(\frac{\text{Exp}(u) w \pi}{v}\right)$	L	CDF	CD	L
18018	14895	1	$\arcsin\left(\frac{\text{Exp}(u) w \pi}{v}\right)$	L	CDF	CD	S
18019	14896	1	$\arctan\left(\frac{\text{Exp}(u) w \pi}{v}\right)$	L	CDF	CD	T
18020	14897	1	$\sqrt{-\frac{v^2 + (\text{Exp}(u))^2 w^2 \pi^2}{v^2}}$	L	CDF	CD	P
18021	14898	1	$\sqrt{\frac{v^2 + (\text{Exp}(u))^2 w^2 \pi^2}{v^2}}$	L	CDF	CD	H
18022	14899	1	$\frac{\text{Exp}(u) \pi^2}{vw}$	L	CDF	CDI	CDF
18023	14900	1	$\frac{vw}{\text{Exp}(u) \pi^2}$	L	CDF	CDI	CDIF
18024	14901	1	$\frac{(\text{Exp}(u))^2 \pi^2}{v^2 w^2}$	L	CDF	CDI	AB
18025	14902	1	$\sqrt{\frac{\text{Exp}(u) \pi}{vw}}$	L	CDF	CDI	R
18026	14903	1	$\frac{(\text{Exp}(u))^3 \pi^3}{v^3 w^3}$	L	CDF	CDI	K
18027	14904	1	$e^{\frac{\text{Exp}(u) \pi}{vw}}$	L	CDF	CDI	E
18028	14905	1	$\log\left(\frac{\text{Exp}(u) \pi}{vw}\right)$	L	CDF	CDI	L
18029	14906	1	$\arcsin\left(\frac{\text{Exp}(u) \pi}{vw}\right)$	L	CDF	CDI	S
18030	14907	1	$\arctan\left(\frac{\text{Exp}(u) \pi}{vw}\right)$	L	CDF	CDI	T
18031	14908	1	$\sqrt{-\frac{v^2 w^2 + (\text{Exp}(u))^2 \pi^2}{v^2 w^2}}$	L	CDF	CDI	P

18032	14909	1	$\sqrt{\frac{v^2 w^2 + (Exp(u))^2 \pi^2}{v^2 w^2}}$	L	CDF	CDI	H
18033	14910	1	$\frac{Exp(u) \sqrt{w} \pi^2}{v}$	L	CDF	AB	CDF
18034	14911	1	$\frac{v}{Exp(u) \sqrt{w} \pi^2}$	L	CDF	AB	CDIF
18035	14912	1	$\frac{(Exp(u))^2 w \pi^2}{v^2}$	L	CDF	AB	AB
18036	14913	1	$\sqrt{\frac{Exp(u) \sqrt{w} \pi}{v}}$	L	CDF	AB	R
18037	14914	1	$\frac{(Exp(u))^3 w^{3/2} \pi^3}{v^3}$	L	CDF	AB	K
18038	14915	1	$e^{\frac{Exp(u) \sqrt{w} \pi}{v}}$	L	CDF	AB	E
18039	14916	1	$\log\left(\frac{Exp(u) \sqrt{w} \pi}{v}\right)$	L	CDF	AB	L
18040	14917	1	$\arcsin\left(\frac{Exp(u) \sqrt{w} \pi}{v}\right)$	L	CDF	AB	S
18041	14918	1	$\arctan\left(\frac{Exp(u) \sqrt{w} \pi}{v}\right)$	L	CDF	AB	T
18042	14919	1	$\sqrt{-\frac{v^2 + (Exp(u))^2 w \pi^2}{v^2}}$	L	CDF	AB	P
18043	14920	1	$\sqrt{\frac{v^2 + (Exp(u))^2 w \pi^2}{v^2}}$	L	CDF	AB	H
18044	14921	1	$\frac{Exp(u) w^2 \pi^2}{v}$	L	CDF	R	CDF
18045	14922	1	$\frac{v}{Exp(u) w^2 \pi^2}$	L	CDF	R	CDIF

18046	14923	1	$\frac{(Exp(u))^2 w^4 \pi^2}{v^2}$	L	CDF	R	AB
18047	14924	1	$\sqrt{\frac{Exp(u) w^2 \pi}{v}}$	L	CDF	R	R
18048	14925	1	$\frac{(Exp(u))^3 w^6 \pi^3}{v^3}$	L	CDF	R	K
18049	14926	1	$e^{\frac{Exp(u) w^2 \pi}{v}}$	L	CDF	R	E
18050	14927	1	$\log\left(\frac{Exp(u) w^2 \pi}{v}\right)$	L	CDF	R	L
18051	14928	1	$\arcsin\left(\frac{Exp(u) w^2 \pi}{v}\right)$	L	CDF	R	S
18052	14929	1	$\arctan\left(\frac{Exp(u) w^2 \pi}{v}\right)$	L	CDF	R	T
18053	14930	1	$\sqrt{-\frac{v^2 + (Exp(u))^2 w^4 \pi^2}{v^2}}$	L	CDF	R	P
18054	14931	1	$\sqrt{\frac{v^2 + (Exp(u))^2 w^4 \pi^2}{v^2}}$	L	CDF	R	H
18055	14932	1	$\frac{Exp(u) \sqrt[3]{w \pi^2}}{v}$	L	CDF	K	CDF
18056	14933	1	$\frac{v}{Exp(u) \sqrt[3]{w \pi^2}}$	L	CDF	K	CDIF
18057	14934	1	$\frac{(Exp(u))^2 w^{2/3} \pi^2}{v^2}$	L	CDF	K	AB
18058	14935	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w \pi}}{v}}$	L	CDF	K	R
18059	14936	1	$\frac{(Exp(u))^3 w \pi^3}{v^3}$	L	CDF	K	K
18060	14937	1	$e^{\frac{Exp(u) \sqrt[3]{w \pi}}{v}}$	L	CDF	K	E

18061	14938	1	$\log \left(\frac{\text{Exp}(u) \sqrt[3]{w} \pi}{v} \right)$	L	CDF	K	L
18062	14939	1	$\arcsin \left(\frac{\text{Exp}(u) \sqrt[3]{w} \pi}{v} \right)$	L	CDF	K	S
18063	14940	1	$\arctan \left(\frac{\text{Exp}(u) \sqrt[3]{w} \pi}{v} \right)$	L	CDF	K	T
18064	14941	1	$\sqrt{-\frac{v^2 + (\text{Exp}(u))^2 w^{2/3} \pi^2}{v^2}}$	L	CDF	K	P
18065	14942	1	$\sqrt{\frac{v^2 + (\text{Exp}(u))^2 w^{2/3} \pi^2}{v^2}}$	L	CDF	K	H
18066	14943	1	$\frac{\text{Exp}(u) \ln(w) \pi^2}{v}$	L	CDF	E	CDF
18067	14944	1	$\frac{v}{\text{Exp}(u) \ln(w) \pi^2}$	L	CDF	E	CDIF
18068	14945	1	$\frac{(\text{Exp}(u))^2 (\ln(w))^2 \pi^2}{v^2}$	L	CDF	E	AB
18069	14946	1	$\sqrt{\frac{\text{Exp}(u) \ln(w) \pi}{v}}$	L	CDF	E	R
18070	14947	1	$\frac{(\text{Exp}(u))^3 (\ln(w))^3 \pi^3}{v^3}$	L	CDF	E	K
18071	14948	1	$w^{\frac{\text{Exp}(u) \pi}{v}}$	L	CDF	E	E
18072	14949	1	$\log \left(\frac{\text{Exp}(u) \ln(w) \pi}{v} \right)$	L	CDF	E	L
18073	14950	1	$\arcsin \left(\frac{\text{Exp}(u) \ln(w) \pi}{v} \right)$	L	CDF	E	S
18074	14951	1	$\arctan \left(\frac{\text{Exp}(u) \ln(w) \pi}{v} \right)$	L	CDF	E	T

18075	14952	1	$\sqrt{-\frac{-v^2 + (Exp(u))^2 (\ln(w))^2 \pi^2}{v^2}}$	L	CDF	E	P
18076	14953	1	$\sqrt{\frac{v^2 + (Exp(u))^2 (\ln(w))^2 \pi^2}{v^2}}$	L	CDF	E	H
18077	14954	1	$\frac{Exp(u) Exp(w) \pi^2}{v}$	L	CDF	L	CDF
18078	14955	1	$\frac{v}{Exp(u) Exp(w) \pi^2}$	L	CDF	L	CDIF
18079	14956	1	$\frac{(Exp(u))^2 (Exp(w))^2 \pi^2}{v^2}$	L	CDF	L	AB
18080	14957	1	$\sqrt{\frac{Exp(u) Exp(w) \pi}{v}}$	L	CDF	L	R
18081	14958	1	$\frac{(Exp(u))^3 (Exp(w))^3 \pi^3}{v^3}$	L	CDF	L	K
18082	14959	1	$e^{\frac{Exp(u) Exp(w) \pi}{v}}$	L	CDF	L	E
18083	14960	1	$\log\left(\frac{Exp(u) Exp(w) \pi}{v}\right)$	L	CDF	L	L
18084	14961	1	$\arcsin\left(\frac{Exp(u) Exp(w) \pi}{v}\right)$	L	CDF	L	S
18085	14962	1	$\arctan\left(\frac{Exp(u) Exp(w) \pi}{v}\right)$	L	CDF	L	T
18086	14963	1	$\sqrt{-\frac{-v^2 + (Exp(u))^2 (Exp(w))^2 \pi^2}{v^2}}$	L	CDF	L	P
18087	14964	1	$\sqrt{\frac{v^2 + (Exp(u))^2 (Exp(w))^2 \pi^2}{v^2}}$	L	CDF	L	H
18088	14965	1	$\frac{Exp(u) \sin(w) \pi^2}{v}$	L	CDF	S	CDF

18089	14966	1	$\frac{v}{Exp(u) \sin(w) \pi^2}$	L	CDF	S	CDIF
18090	14967	1	$\frac{(Exp(u))^2 (\sin(w))^2 \pi^2}{v^2}$	L	CDF	S	AB
18091	14968	1	$\sqrt{\frac{Exp(u) \sin(w) \pi}{v}}$	L	CDF	S	R
18092	14969	1	$\frac{(Exp(u))^3 (\sin(w))^3 \pi^3}{v^3}$	L	CDF	S	K
18093	14970	1	$e^{\frac{Exp(u) \sin(w) \pi}{v}}$	L	CDF	S	E
18094	14971	1	$\log\left(\frac{Exp(u) \sin(w) \pi}{v}\right)$	L	CDF	S	L
18095	14972	1	$\arcsin\left(\frac{Exp(u) \sin(w) \pi}{v}\right)$	L	CDF	S	S
18096	14973	1	$\arctan\left(\frac{Exp(u) \sin(w) \pi}{v}\right)$	L	CDF	S	T
18097	14974	1	$\sqrt{\frac{v^2 - (Exp(u))^2 \pi^2 + (Exp(u))^2 \pi^2 (\cos(w))^2}{v^2}}$	L	CDF	S	P
18098	14975	1	$\sqrt{-\frac{v^2 - (Exp(u))^2 \pi^2 + (Exp(u))^2 \pi^2 (\cos(w))^2}{v^2}}$	L	CDF	S	H
18099	14976	1	$\frac{Exp(u) \tan(w) \pi^2}{v}$	L	CDF	T	CDF
18100	14977	1	$\frac{v}{Exp(u) \tan(w) \pi^2}$	L	CDF	T	CDIF
18101	14978	1	$\frac{(Exp(u))^2 (\tan(w))^2 \pi^2}{v^2}$	L	CDF	T	AB
18102	14979	1	$\sqrt{\frac{Exp(u) \tan(w) \pi}{v}}$	L	CDF	T	R
18103	14980	1	$\frac{(Exp(u))^3 (\tan(w))^3 \pi^3}{v^3}$	L	CDF	T	K

18104	14981	1	$e^{\frac{Exp(u) \tan(w) \pi}{v}}$	L	CDF	T	E
18105	14982	1	$\log\left(\frac{Exp(u) \tan(w) \pi}{v}\right)$	L	CDF	T	L
18106	14983	1	$\arcsin\left(\frac{Exp(u) \tan(w) \pi}{v}\right)$	L	CDF	T	S
18107	14984	1	$\arctan\left(\frac{Exp(u) \tan(w) \pi}{v}\right)$	L	CDF	T	T
18108	14985	1	$\sqrt{-\frac{v^2 + (Exp(u))^2 (\tan(w))^2 \pi^2}{v^2}}$	L	CDF	T	P
18109	14986	1	$\sqrt{\frac{v^2 + (Exp(u))^2 (\tan(w))^2 \pi^2}{v^2}}$	L	CDF	T	H
18110	14987	1	$\frac{Exp(u) \sqrt{1-w^2} \pi^2}{v}$	L	CDF	P	CDF
18111	14988	1	$\frac{v}{Exp(u) \sqrt{1-w^2} \pi^2}$	L	CDF	P	CDIF
18112	14989	1	$-\frac{(Exp(u))^2 \pi^2 (-1+w^2)}{v^2}$	L	CDF	P	AB
18113	14990	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2} \pi}{v}}$	L	CDF	P	R
18114	14991	1	$\frac{(Exp(u))^3 \pi^3 (1-w^2)^{3/2}}{v^3}$	L	CDF	P	K
18115	14992	1	$e^{\frac{Exp(u) \sqrt{1-w^2} \pi}{v}}$	L	CDF	P	E
18116	14993	1	$\log\left(\frac{Exp(u) \sqrt{1-w^2} \pi}{v}\right)$	L	CDF	P	L
18117	14994	1	$\arcsin\left(\frac{Exp(u) \sqrt{1-w^2} \pi}{v}\right)$	L	CDF	P	S

18118	14995	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{1-w^2}\pi}{v}\right)$	L	CDF	P	T
18119	14996	1	$\sqrt{\frac{v^2 - (\text{Exp}(u))^2\pi^2 + (\text{Exp}(u))^2w^2\pi^2}{v^2}}$	L	CDF	P	P
18120	14996	2	$\sqrt{\frac{v^2 - (\text{Exp}(u))^2\pi^2 + (\text{Exp}(u))^2w^2\pi^2}{v^2}}$	L	CDF	H	H
18121	14997	1	$\sqrt{-\frac{v^2 - (\text{Exp}(u))^2\pi^2 + (\text{Exp}(u))^2w^2\pi^2}{v^2}}$	L	CDF	P	H
18122	14997	2	$\sqrt{-\frac{v^2 - (\text{Exp}(u))^2\pi^2 + (\text{Exp}(u))^2w^2\pi^2}{v^2}}$	L	CDF	H	P
18123	14998	1	$\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi^2}{v}$	L	CDF	H	CDF
18124	14999	1	$\frac{v}{\text{Exp}(u)\sqrt{-1+w^2}\pi^2}$	L	CDF	H	CDIF
18125	15000	1	$\frac{(\text{Exp}(u))^2\pi^2(-1+w^2)}{v^2}$	L	CDF	H	AB
18126	15001	1	$\sqrt{\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{v}}$	L	CDF	H	R
18127	15002	1	$\frac{(\text{Exp}(u))^3\pi^3(-1+w^2)^{3/2}}{v^3}$	L	CDF	H	K
18128	15003	1	$e^{\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{v}}$	L	CDF	H	E
18129	15004	1	$\log\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{v}\right)$	L	CDF	H	L
18130	15005	1	$\arcsin\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{v}\right)$	L	CDF	H	S
18131	15006	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{v}\right)$	L	CDF	H	T

18132	15007	1	$Exp(u)vw\pi^2$	L	CDIF	CD	CDF
18133	15008	1	$\frac{1}{Exp(u)vw\pi^2}$	L	CDIF	CD	CDIF
18134	15009	1	$(Exp(u))^2v^2w^2\pi^2$	L	CDIF	CD	AB
18135	15010	1	$\sqrt{Exp(u)vw\pi}$	L	CDIF	CD	R
18136	15011	1	$(Exp(u))^3v^3w^3\pi^3$	L	CDIF	CD	K
18137	15012	1	$e^{Exp(u)vw\pi}$	L	CDIF	CD	E
18138	15013	1	$\log(Exp(u)vw\pi)$	L	CDIF	CD	L
18139	15014	1	$\arcsin(Exp(u)vw\pi)$	L	CDIF	CD	S
18140	15015	1	$\arctan(Exp(u)vw\pi)$	L	CDIF	CD	T
18141	15016	1	$\sqrt{1-(Exp(u))^2v^2w^2\pi^2}$	L	CDIF	CD	P
18142	15017	1	$\sqrt{1+(Exp(u))^2v^2w^2\pi^2}$	L	CDIF	CD	H
18143	15018	1	$\frac{Exp(u)v\pi^2}{w}$	L	CDIF	CDI	CDF
18144	15019	1	$\frac{w}{Exp(u)v\pi^2}$	L	CDIF	CDI	CDIF
18145	15020	1	$\frac{(Exp(u))^2v^2\pi^2}{w^2}$	L	CDIF	CDI	AB
18146	15021	1	$\sqrt{\frac{Exp(u)v\pi}{w}}$	L	CDIF	CDI	R

18147	15022	1	$\frac{(Exp(u))^3 v^3 \pi^3}{w^3}$	L	CDIF	CDI	K
18148	15023	1	$e^{\frac{Exp(u) v \pi}{w}}$	L	CDIF	CDI	E
18149	15024	1	$\log\left(\frac{Exp(u) v \pi}{w}\right)$	L	CDIF	CDI	L
18150	15025	1	$\arcsin\left(\frac{Exp(u) v \pi}{w}\right)$	L	CDIF	CDI	S
18151	15026	1	$\arctan\left(\frac{Exp(u) v \pi}{w}\right)$	L	CDIF	CDI	T
18152	15027	1	$\sqrt{-\frac{w^2 + (Exp(u))^2 v^2 \pi^2}{w^2}}$	L	CDIF	CDI	P
18153	15028	1	$\sqrt{\frac{w^2 + (Exp(u))^2 v^2 \pi^2}{w^2}}$	L	CDIF	CDI	H
18154	15029	1	$Exp(u) v \sqrt{w} \pi^2$	L	CDIF	AB	CDF
18155	15030	1	$\frac{1}{Exp(u) v \sqrt{w} \pi^2}$	L	CDIF	AB	CDIF
18156	15031	1	$(Exp(u))^2 v^2 w \pi^2$	L	CDIF	AB	AB
18157	15032	1	$\sqrt{Exp(u) v \sqrt{w} \pi}$	L	CDIF	AB	R
18158	15033	1	$(Exp(u))^3 v^3 w^{3/2} \pi^3$	L	CDIF	AB	K
18159	15034	1	$e^{Exp(u) v \sqrt{w} \pi}$	L	CDIF	AB	E
18160	15035	1	$\log(Exp(u) v \sqrt{w} \pi)$	L	CDIF	AB	L
18161	15036	1	$\arcsin(Exp(u) v \sqrt{w} \pi)$	L	CDIF	AB	S

18162	15037	1	$\arctan \left(\text{Exp}(u) v \sqrt{w} \pi \right)$	L	CDIF	AB	T
18163	15038	1	$\sqrt{1 - (\text{Exp}(u))^2 v^2 w \pi^2}$	L	CDIF	AB	P
18164	15039	1	$\sqrt{1 + (\text{Exp}(u))^2 v^2 w \pi^2}$	L	CDIF	AB	H
18165	15040	1	$\text{Exp}(u) v w^2 \pi^2$	L	CDIF	R	CDF
18166	15041	1	$\frac{1}{\text{Exp}(u) v w^2 \pi^2}$	L	CDIF	R	CDIF
18167	15042	1	$(\text{Exp}(u))^2 v^2 w^4 \pi^2$	L	CDIF	R	AB
18168	15043	1	$\sqrt{\text{Exp}(u) v w^2 \pi}$	L	CDIF	R	R
18169	15044	1	$(\text{Exp}(u))^3 v^3 w^6 \pi^3$	L	CDIF	R	K
18170	15045	1	$e^{\text{Exp}(u) v w^2 \pi}$	L	CDIF	R	E
18171	15046	1	$\log \left(\text{Exp}(u) v w^2 \pi \right)$	L	CDIF	R	L
18172	15047	1	$\arcsin \left(\text{Exp}(u) v w^2 \pi \right)$	L	CDIF	R	S
18173	15048	1	$\arctan \left(\text{Exp}(u) v w^2 \pi \right)$	L	CDIF	R	T
18174	15049	1	$\sqrt{1 - (\text{Exp}(u))^2 v^2 w^4 \pi^2}$	L	CDIF	R	P
18175	15050	1	$\sqrt{1 + (\text{Exp}(u))^2 v^2 w^4 \pi^2}$	L	CDIF	R	H
18176	15051	1	$\text{Exp}(u) v \sqrt[3]{w} \pi^2$	L	CDIF	K	CDF
18177	15052	1	$\frac{1}{\text{Exp}(u) v \sqrt[3]{w} \pi^2}$	L	CDIF	K	CDIF

18178	15053	1	$(Exp(u))^2 v^2 w^{2/3} \pi^2$	L	CDIF	K	AB
18179	15054	1	$\sqrt{Exp(u) v \sqrt[3]{w} \pi}$	L	CDIF	K	R
18180	15055	1	$(Exp(u))^3 v^3 w \pi^3$	L	CDIF	K	K
18181	15056	1	$e^{Exp(u) v \sqrt[3]{w} \pi}$	L	CDIF	K	E
18182	15057	1	$\log (Exp(u) v \sqrt[3]{w} \pi)$	L	CDIF	K	L
18183	15058	1	$\arcsin (Exp(u) v \sqrt[3]{w} \pi)$	L	CDIF	K	S
18184	15059	1	$\arctan (Exp(u) v \sqrt[3]{w} \pi)$	L	CDIF	K	T
18185	15060	1	$\sqrt{1 - (Exp(u))^2 v^2 w^{2/3} \pi^2}$	L	CDIF	K	P
18186	15061	1	$\sqrt{1 + (Exp(u))^2 v^2 w^{2/3} \pi^2}$	L	CDIF	K	H
18187	15062	1	$Exp(u) v \ln (w) \pi^2$	L	CDIF	E	CDF
18188	15063	1	$\frac{1}{Exp(u) v \ln (w) \pi^2}$	L	CDIF	E	CDIF
18189	15064	1	$(Exp(u))^2 v^2 (\ln (w))^2 \pi^2$	L	CDIF	E	AB
18190	15065	1	$\sqrt{Exp(u) v \ln (w) \pi}$	L	CDIF	E	R
18191	15066	1	$(Exp(u))^3 v^3 (\ln (w))^3 \pi^3$	L	CDIF	E	K
18192	15067	1	$w^{Exp(u) v \pi}$	L	CDIF	E	E
18193	15068	1	$\log (Exp(u) v \ln (w) \pi)$	L	CDIF	E	L

18194	15069	1	$\arcsin (Exp(u) v \ln (w) \pi)$	L	CDIF	E	S
18195	15070	1	$\arctan (Exp(u) v \ln (w) \pi)$	L	CDIF	E	T
18196	15071	1	$\sqrt{1-(Exp(u))^2 v^2 (\ln (w))^2 \pi^2}$	L	CDIF	E	P
18197	15072	1	$\sqrt{1+(Exp(u))^2 v^2 (\ln (w))^2 \pi^2}$	L	CDIF	E	H
18198	15073	1	$Exp(u) v Exp(w) \pi^2$	L	CDIF	L	CDF
18199	15074	1	$\frac{1}{Exp(u) v Exp(w) \pi^2}$	L	CDIF	L	CDIF
18200	15075	1	$(Exp(u))^2 v^2 (Exp(w))^2 \pi^2$	L	CDIF	L	AB
18201	15076	1	$\sqrt{Exp(u) v Exp(w) \pi}$	L	CDIF	L	R
18202	15077	1	$(Exp(u))^3 v^3 (Exp(w))^3 \pi^3$	L	CDIF	L	K
18203	15078	1	$e^{Exp(u) v Exp(w) \pi}$	L	CDIF	L	E
18204	15079	1	$\log (Exp(u) v Exp(w) \pi)$	L	CDIF	L	L
18205	15080	1	$\arcsin (Exp(u) v Exp(w) \pi)$	L	CDIF	L	S
18206	15081	1	$\arctan (Exp(u) v Exp(w) \pi)$	L	CDIF	L	T
18207	15082	1	$\sqrt{1-(Exp(u))^2 v^2 (Exp(w))^2 \pi^2}$	L	CDIF	L	P
18208	15083	1	$\sqrt{1+(Exp(u))^2 v^2 (Exp(w))^2 \pi^2}$	L	CDIF	L	H
18209	15084	1	$Exp(u) v \sin (w) \pi^2$	L	CDIF	S	CDF

18210	15085	1	$\frac{1}{Exp(u) v \sin(w) \pi^2}$	L	CDIF	S	CDIF
18211	15086	1	$(Exp(u))^2 v^2 (\sin(w))^2 \pi^2$	L	CDIF	S	AB
18212	15087	1	$\sqrt{Exp(u) v \sin(w) \pi}$	L	CDIF	S	R
18213	15088	1	$(Exp(u))^3 v^3 (\sin(w))^3 \pi^3$	L	CDIF	S	K
18214	15089	1	$e^{Exp(u) v \sin(w) \pi}$	L	CDIF	S	E
18215	15090	1	$\log(Exp(u) v \sin(w) \pi)$	L	CDIF	S	L
18216	15091	1	$\arcsin(Exp(u) v \sin(w) \pi)$	L	CDIF	S	S
18217	15092	1	$\arctan(Exp(u) v \sin(w) \pi)$	L	CDIF	S	T
18218	15093	1	$\sqrt{1 - (Exp(u))^2 v^2 \pi^2 + (Exp(u))^2 v^2 \pi^2 \sin^2(w)}$	L	CDIF	S	P
18219	15094	1	$\sqrt{1 + (Exp(u))^2 v^2 \pi^2 - (Exp(u))^2 v^2 \pi^2 \sin^2(w)}$	L	CDIF	S	H
18220	15095	1	$Exp(u) v \tan(w) \pi^2$	L	CDIF	T	CDF
18221	15096	1	$\frac{1}{Exp(u) v \tan(w) \pi^2}$	L	CDIF	T	CDIF
18222	15097	1	$(Exp(u))^2 v^2 (\tan(w))^2 \pi^2$	L	CDIF	T	AB
18223	15098	1	$\sqrt{Exp(u) v \tan(w) \pi}$	L	CDIF	T	R
18224	15099	1	$(Exp(u))^3 v^3 (\tan(w))^3 \pi^3$	L	CDIF	T	K
18225	15100	1	$e^{Exp(u) v \tan(w) \pi}$	L	CDIF	T	E

18226	15101	1	$\log (Exp(u) v \tan (w) \pi)$	L	CDIF	T	L
18227	15102	1	$\arcsin (Exp(u) v \tan (w) \pi)$	L	CDIF	T	S
18228	15103	1	$\arctan (Exp(u) v \tan (w) \pi)$	L	CDIF	T	T
18229	15104	1	$\sqrt{1-(Exp(u))^2 v^2 (\tan (w))^2 \pi^2}$	L	CDIF	T	P
18230	15105	1	$\sqrt{1+(Exp(u))^2 v^2 (\tan (w))^2 \pi^2}$	L	CDIF	T	H
18231	15106	1	$Exp(u) v \sqrt{1-w^2 \pi^2}$	L	CDIF	P	CDF
18232	15107	1	$\frac{1}{Exp(u) v \sqrt{1-w^2 \pi^2}}$	L	CDIF	P	CDIF
18233	15108	1	$-(Exp(u))^2 v^2 \pi^2 (-1+w^2)$	L	CDIF	P	AB
18234	15109	1	$\sqrt{Exp(u) v \sqrt{1-w^2 \pi}}$	L	CDIF	P	R
18235	15110	1	$(Exp(u))^3 v^3 \pi^3 (1-w^2)^{3/2}$	L	CDIF	P	K
18236	15111	1	$e^{Exp(u) v \sqrt{1-w^2} \pi}$	L	CDIF	P	E
18237	15112	1	$\log \left(Exp(u) v \sqrt{1-w^2 \pi}\right)$	L	CDIF	P	L
18238	15113	1	$\arcsin \left(Exp(u) v \sqrt{1-w^2 \pi}\right)$	L	CDIF	P	S
18239	15114	1	$\arctan \left(Exp(u) v \sqrt{1-w^2 \pi}\right)$	L	CDIF	P	T
18240	15115	1	$\sqrt{1-(Exp(u))^2 v^2 \pi^2+(Exp(u))^2 v^2 w^2 \pi^2}$	L	CDIF	P	P
18241	15115	2	$\sqrt{1-(Exp(u))^2 v^2 \pi^2+(Exp(u))^2 v^2 w^2 \pi^2}$	L	CDIF	H	H
18242	15116	1	$\sqrt{1+(Exp(u))^2 v^2 \pi^2-(Exp(u))^2 v^2 w^2 \pi^2}$	L	CDIF	P	H

18243	15116	2	$\sqrt{1 + (Exp(u))^2 v^2 \pi^2 - (Exp(u))^2 v^2 w^2 \pi^2}$	L	CDIF	H	P
18244	15117	1	$Exp(u) v \sqrt{-1 + w^2 \pi^2}$	L	CDIF	H	CDF
18245	15118	1	$\frac{1}{Exp(u) v \sqrt{-1 + w^2 \pi^2}}$	L	CDIF	H	CDIF
18246	15119	1	$(Exp(u))^2 v^2 \pi^2 (-1 + w^2)$	L	CDIF	H	AB
18247	15120	1	$\sqrt{Exp(u) v \sqrt{-1 + w^2 \pi^2}}$	L	CDIF	H	R
18248	15121	1	$(Exp(u))^3 v^3 \pi^3 (-1 + w^2)^{3/2}$	L	CDIF	H	K
18249	15122	1	$e^{Exp(u) v \sqrt{-1 + w^2 \pi^2}}$	L	CDIF	H	E
18250	15123	1	$\log \left(Exp(u) v \sqrt{-1 + w^2 \pi^2} \right)$	L	CDIF	H	L
18251	15124	1	$\arcsin \left(Exp(u) v \sqrt{-1 + w^2 \pi^2} \right)$	L	CDIF	H	S
18252	15125	1	$\arctan \left(Exp(u) v \sqrt{-1 + w^2 \pi^2} \right)$	L	CDIF	H	T
18253	15126	1	$\frac{Exp(u) w}{\sqrt{v}}$	L	AB	CD	CD
18254	15126	2	$\frac{Exp(u) w}{\sqrt{v}}$	L	AB	CDF	CDF
18255	15127	1	$\frac{\sqrt{v}}{Exp(u) w}$	L	AB	CD	CDI
18256	15127	2	$\frac{\sqrt{v}}{Exp(u) w}$	L	AB	CDF	CDIF
18257	15128	1	$\frac{Exp(u) w \pi}{\sqrt{v}}$	L	AB	CD	CDF
18258	15129	1	$\frac{\sqrt{v}}{Exp(u) w \pi}$	L	AB	CD	CDIF

18259	15130	1	$\frac{(Exp(u))^2 w^2}{v}$	L	AB	CD	AB
18260	15131	1	$\sqrt{\frac{Exp(u) w}{\sqrt{v}}}$	L	AB	CD	R
18261	15132	1	$\frac{(Exp(u))^3 w^3}{v^{3/2}}$	L	AB	CD	K
18262	15133	1	$e^{\frac{Exp(u)w}{\sqrt{v}}}$	L	AB	CD	E
18263	15134	1	$\log\left(\frac{Exp(u) w}{\sqrt{v}}\right)$	L	AB	CD	L
18264	15135	1	$\arcsin\left(\frac{Exp(u) w}{\sqrt{v}}\right)$	L	AB	CD	S
18265	15136	1	$\arctan\left(\frac{Exp(u) w}{\sqrt{v}}\right)$	L	AB	CD	T
18266	15137	1	$\sqrt{-\frac{v + (Exp(u))^2 w^2}{v}}$	L	AB	CD	P
18267	15138	1	$\sqrt{\frac{v + (Exp(u))^2 w^2}{v}}$	L	AB	CD	H
18268	15139	1	$\frac{Exp(u)}{\sqrt{vw}}$	L	AB	CDI	CD
18269	15139	2	$\frac{Exp(u)}{\sqrt{vw}}$	L	AB	CDIF	CDF
18270	15140	1	$\frac{\sqrt{vw}}{Exp(u)}$	L	AB	CDI	CDI
18271	15140	2	$\frac{\sqrt{vw}}{Exp(u)}$	L	AB	CDIF	CDIF
18272	15141	1	$\frac{Exp(u) \pi}{\sqrt{vw}}$	L	AB	CDI	CDF
18273	15142	1	$\frac{\sqrt{vw}}{Exp(u) \pi}$	L	AB	CDI	CDIF

18274	15143	1	$\frac{(Exp(u))^2}{vw^2}$	L	AB	CDI	AB
18275	15144	1	$\sqrt{\frac{Exp(u)}{\sqrt{vw}}}$	L	AB	CDI	R
18276	15145	1	$\frac{(Exp(u))^3}{v^{3/2}w^3}$	L	AB	CDI	K
18277	15146	1	$e^{\frac{Exp(u)}{\sqrt{vw}}}$	L	AB	CDI	E
18278	15147	1	$\log\left(\frac{Exp(u)}{\sqrt{vw}}\right)$	L	AB	CDI	L
18279	15148	1	$\arcsin\left(\frac{Exp(u)}{\sqrt{vw}}\right)$	L	AB	CDI	S
18280	15149	1	$\arctan\left(\frac{Exp(u)}{\sqrt{vw}}\right)$	L	AB	CDI	T
18281	15150	1	$\sqrt{\frac{vw^2 - (Exp(u))^2}{vw^2}}$	L	AB	CDI	P
18282	15151	1	$\sqrt{\frac{vw^2 + (Exp(u))^2}{vw^2}}$	L	AB	CDI	H
18283	15152	1	$\frac{Exp(u)w}{\sqrt{v}\pi}$	L	AB	CDF	CD
18284	15153	1	$\frac{\sqrt{v}\pi}{Exp(u)w}$	L	AB	CDF	CDI
18285	15154	1	$\frac{(Exp(u))^2 w^2}{v\pi^2}$	L	AB	CDF	AB
18286	15155	1	$\sqrt{\frac{Exp(u)w}{\sqrt{v}\pi}}$	L	AB	CDF	R
18287	15156	1	$\frac{(Exp(u))^3 w^3}{v^{3/2}\pi^3}$	L	AB	CDF	K

18288	15157	1	$e^{\frac{Exp(u)w}{\sqrt{v}\pi}}$	L	AB	CDF	E
18289	15158	1	$\log\left(\frac{Exp(u)w}{\sqrt{v}\pi}\right)$	L	AB	CDF	L
18290	15159	1	$\arcsin\left(\frac{Exp(u)w}{\sqrt{v}\pi}\right)$	L	AB	CDF	S
18291	15160	1	$\arctan\left(\frac{Exp(u)w}{\sqrt{v}\pi}\right)$	L	AB	CDF	T
18292	15161	1	$\sqrt{\frac{v\pi^2 - (Exp(u))^2 w^2}{v\pi^2}}$	L	AB	CDF	P
18293	15162	1	$\sqrt{\frac{v\pi^2 + (Exp(u))^2 w^2}{v\pi^2}}$	L	AB	CDF	H
18294	15163	1	$\frac{Exp(u)}{\sqrt{vw}\pi}$	L	AB	CDIF	CD
18295	15164	1	$\frac{\sqrt{vw}\pi}{Exp(u)}$	L	AB	CDIF	CDI
18296	15165	1	$\frac{(Exp(u))^2}{vw^2\pi^2}$	L	AB	CDIF	AB
18297	15166	1	$\sqrt{\frac{Exp(u)}{\sqrt{vw}\pi}}$	L	AB	CDIF	R
18298	15167	1	$\frac{(Exp(u))^3}{v^{3/2}w^3\pi^3}$	L	AB	CDIF	K
18299	15168	1	$e^{\frac{Exp(u)}{\sqrt{vw}\pi}}$	L	AB	CDIF	E
18300	15169	1	$\log\left(\frac{Exp(u)}{\sqrt{vw}\pi}\right)$	L	AB	CDIF	L
18301	15170	1	$\arcsin\left(\frac{Exp(u)}{\sqrt{vw}\pi}\right)$	L	AB	CDIF	S
18302	15171	1	$\arctan\left(\frac{Exp(u)}{\sqrt{vw}\pi}\right)$	L	AB	CDIF	T

18303	15172	1	$\sqrt{\frac{vw^2\pi^2 - (Exp(u))^2}{vw^2\pi^2}}$	L	AB	CDIF	P
18304	15173	1	$\sqrt{\frac{vw^2\pi^2 + (Exp(u))^2}{vw^2\pi^2}}$	L	AB	CDIF	H
18305	15174	1	$\frac{Exp(u) \sqrt{w}}{\sqrt{v}}$	L	AB	AB	CD
18306	15175	1	$\frac{\sqrt{v}}{Exp(u) \sqrt{w}}$	L	AB	AB	CDI
18307	15176	1	$\frac{Exp(u) \sqrt{w}\pi}{\sqrt{v}}$	L	AB	AB	CDF
18308	15177	1	$\frac{\sqrt{v}}{Exp(u) \sqrt{w}\pi}$	L	AB	AB	CDIF
18309	15178	1	$\frac{(Exp(u))^2 w}{v}$	L	AB	AB	AB
18310	15179	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{\sqrt{v}}}$	L	AB	AB	R
18311	15180	1	$\frac{(Exp(u))^3 w^{3/2}}{v^{3/2}}$	L	AB	AB	K
18312	15181	1	$e^{\frac{Exp(u) \sqrt{w}}{\sqrt{v}}}$	L	AB	AB	E
18313	15182	1	$\log\left(\frac{Exp(u) \sqrt{w}}{\sqrt{v}}\right)$	L	AB	AB	L
18314	15183	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{\sqrt{v}}\right)$	L	AB	AB	S
18315	15184	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{\sqrt{v}}\right)$	L	AB	AB	T
18316	15185	1	$\sqrt{-\frac{v + (Exp(u))^2 w}{v}}$	L	AB	AB	P

18317	15186	1	$\sqrt{\frac{v + (Exp(u))^2 w}{v}}$	L	AB	AB	H
18318	15187	1	$\frac{Exp(u) w^2}{\sqrt{v}}$	L	AB	R	CD
18319	15188	1	$\frac{\sqrt{v}}{Exp(u) w^2}$	L	AB	R	CDI
18320	15189	1	$\frac{Exp(u) w^2 \pi}{\sqrt{v}}$	L	AB	R	CDF
18321	15190	1	$\frac{\sqrt{v}}{Exp(u) w^2 \pi}$	L	AB	R	CDIF
18322	15191	1	$\frac{(Exp(u))^2 w^4}{v}$	L	AB	R	AB
18323	15192	1	$\sqrt{\frac{Exp(u) w^2}{\sqrt{v}}}$	L	AB	R	R
18324	15193	1	$\frac{(Exp(u))^3 w^6}{v^{3/2}}$	L	AB	R	K
18325	15194	1	$e^{\frac{Exp(u) w^2}{\sqrt{v}}}$	L	AB	R	E
18326	15195	1	$\log\left(\frac{Exp(u) w^2}{\sqrt{v}}\right)$	L	AB	R	L
18327	15196	1	$\arcsin\left(\frac{Exp(u) w^2}{\sqrt{v}}\right)$	L	AB	R	S
18328	15197	1	$\arctan\left(\frac{Exp(u) w^2}{\sqrt{v}}\right)$	L	AB	R	T
18329	15198	1	$\sqrt{-\frac{v + (Exp(u))^2 w^4}{v}}$	L	AB	R	P
18330	15199	1	$\sqrt{\frac{v + (Exp(u))^2 w^4}{v}}$	L	AB	R	H

18331	15200	1	$\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}$	L	AB	K	CD
18332	15201	1	$\frac{\sqrt{v}}{Exp(u) \sqrt[3]{w}}$	L	AB	K	CDI
18333	15202	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{\sqrt{v}}$	L	AB	K	CDF
18334	15203	1	$\frac{\sqrt{v}}{Exp(u) \sqrt[3]{w} \pi}$	L	AB	K	CDIF
18335	15204	1	$\frac{(Exp(u))^2 w^{2/3}}{v}$	L	AB	K	AB
18336	15205	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}}$	L	AB	K	R
18337	15206	1	$\frac{(Exp(u))^3 w}{v^{3/2}}$	L	AB	K	K
18338	15207	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}}$	L	AB	K	E
18339	15208	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	L	AB	K	L
18340	15209	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	L	AB	K	S
18341	15210	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	L	AB	K	T
18342	15211	1	$\sqrt{\frac{v - (Exp(u))^2 w^{2/3}}{v}}$	L	AB	K	P
18343	15212	1	$\sqrt{\frac{v + (Exp(u))^2 w^{2/3}}{v}}$	L	AB	K	H
18344	15213	1	$\frac{Exp(u) \ln(w)}{\sqrt{v}}$	L	AB	E	CD

18345	15214	1	$\frac{\sqrt{v}}{\text{Exp}(u) \ln(w)}$	L	AB	E	CDI
18346	15215	1	$\frac{\text{Exp}(u) \ln(w) \pi}{\sqrt{v}}$	L	AB	E	CDF
18347	15216	1	$\frac{\sqrt{v}}{\text{Exp}(u) \ln(w) \pi}$	L	AB	E	CDIF
18348	15217	1	$\frac{(\text{Exp}(u))^2 (\ln(w))^2}{v}$	L	AB	E	AB
18349	15218	1	$\sqrt{\frac{\text{Exp}(u) \ln(w)}{\sqrt{v}}}$	L	AB	E	R
18350	15219	1	$\frac{(\text{Exp}(u))^3 (\ln(w))^3}{v^{3/2}}$	L	AB	E	K
18351	15220	1	$w^{\frac{\text{Exp}(u)}{\sqrt{v}}}$	L	AB	E	E
18352	15221	1	$\log\left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{v}}\right)$	L	AB	E	L
18353	15222	1	$\arcsin\left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{v}}\right)$	L	AB	E	S
18354	15223	1	$\arctan\left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{v}}\right)$	L	AB	E	T
18355	15224	1	$\sqrt{\frac{v - (\text{Exp}(u))^2 (\ln(w))^2}{v}}$	L	AB	E	P
18356	15225	1	$\sqrt{\frac{v + (\text{Exp}(u))^2 (\ln(w))^2}{v}}$	L	AB	E	H
18357	15226	1	$\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{v}}$	L	AB	L	CD
18358	15227	1	$\frac{\sqrt{v}}{\text{Exp}(u) \text{Exp}(w)}$	L	AB	L	CDI

18359	15228	1	$\frac{Exp(u) Exp(w) \pi}{\sqrt{v}}$	L	AB	L	CDF
18360	15229	1	$\frac{\sqrt{v}}{Exp(u) Exp(w) \pi}$	L	AB	L	CDIF
18361	15230	1	$\frac{(Exp(u))^2 (Exp(w))^2}{v}$	L	AB	L	AB
18362	15231	1	$\sqrt{\frac{Exp(u) Exp(w)}{\sqrt{v}}}$	L	AB	L	R
18363	15232	1	$\frac{(Exp(u))^3 (Exp(w))^3}{v^{3/2}}$	L	AB	L	K
18364	15233	1	$e^{\frac{Exp(u)Exp(w)}{\sqrt{v}}}$	L	AB	L	E
18365	15234	1	$\log\left(\frac{Exp(u) Exp(w)}{\sqrt{v}}\right)$	L	AB	L	L
18366	15235	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{\sqrt{v}}\right)$	L	AB	L	S
18367	15236	1	$\arctan\left(\frac{Exp(u) Exp(w)}{\sqrt{v}}\right)$	L	AB	L	T
18368	15237	1	$\sqrt{\frac{v - (Exp(u))^2 (Exp(w))^2}{v}}$	L	AB	L	P
18369	15238	1	$\sqrt{\frac{v + (Exp(u))^2 (Exp(w))^2}{v}}$	L	AB	L	H
18370	15239	1	$\frac{Exp(u) \sin(w)}{\sqrt{v}}$	L	AB	S	CD
18371	15240	1	$\frac{\sqrt{v}}{Exp(u) \sin(w)}$	L	AB	S	CDI
18372	15241	1	$\frac{Exp(u) \sin(w) \pi}{\sqrt{v}}$	L	AB	S	CDF

18373	15242	1	$\frac{\sqrt{v}}{\text{Exp}(u) \sin(w) \pi}$	L	AB	S	CDIF
18374	15243	1	$\frac{(\text{Exp}(u))^2 (\sin(w))^2}{v}$	L	AB	S	AB
18375	15244	1	$\sqrt{\frac{\text{Exp}(u) \sin(w)}{\sqrt{v}}}$	L	AB	S	R
18376	15245	1	$\frac{(\text{Exp}(u))^3 (\sin(w))^3}{v^{3/2}}$	L	AB	S	K
18377	15246	1	$e^{\frac{\text{Exp}(u) \sin(w)}{\sqrt{v}}}$	L	AB	S	E
18378	15247	1	$\log\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{v}}\right)$	L	AB	S	L
18379	15248	1	$\arcsin\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{v}}\right)$	L	AB	S	S
18380	15249	1	$\arctan\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{v}}\right)$	L	AB	S	T
18381	15250	1	$\sqrt{\frac{v - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 (\cos(w))^2}{v}}$	L	AB	S	P
18382	15251	1	$\sqrt{\frac{v + (\text{Exp}(u))^2 - (\text{Exp}(u))^2 (\cos(w))^2}{v}}$	L	AB	S	H
18383	15252	1	$\frac{\text{Exp}(u) \tan(w)}{\sqrt{v}}$	L	AB	T	CD
18384	15253	1	$\frac{\sqrt{v}}{\text{Exp}(u) \tan(w)}$	L	AB	T	CDI
18385	15254	1	$\frac{\text{Exp}(u) \tan(w) \pi}{\sqrt{v}}$	L	AB	T	CDF
18386	15255	1	$\frac{\sqrt{v}}{\text{Exp}(u) \tan(w) \pi}$	L	AB	T	CDIF

18387	15256	1	$\frac{(Exp(u))^2 (\tan(w))^2}{v}$	L	AB	T	AB
18388	15257	1	$\sqrt{\frac{Exp(u) \tan(w)}{\sqrt{v}}}$	L	AB	T	R
18389	15258	1	$\frac{(Exp(u))^3 (\tan(w))^3}{v^{3/2}}$	L	AB	T	K
18390	15259	1	$e^{\frac{Exp(u) \tan(w)}{\sqrt{v}}}$	L	AB	T	E
18391	15260	1	$\log\left(\frac{Exp(u) \tan(w)}{\sqrt{v}}\right)$	L	AB	T	L
18392	15261	1	$\arcsin\left(\frac{Exp(u) \tan(w)}{\sqrt{v}}\right)$	L	AB	T	S
18393	15262	1	$\arctan\left(\frac{Exp(u) \tan(w)}{\sqrt{v}}\right)$	L	AB	T	T
18394	15263	1	$\sqrt{\frac{v - (Exp(u))^2 (\tan(w))^2}{v}}$	L	AB	T	P
18395	15264	1	$\sqrt{\frac{v + (Exp(u))^2 (\tan(w))^2}{v}}$	L	AB	T	H
18396	15265	1	$\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{v}}$	L	AB	P	CD
18397	15266	1	$\frac{\sqrt{v}}{Exp(u) \sqrt{1-w^2}}$	L	AB	P	CDI
18398	15267	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{\sqrt{v}}$	L	AB	P	CDF
18399	15268	1	$\frac{\sqrt{v}}{Exp(u) \sqrt{1-w^2} \pi}$	L	AB	P	CDIF
18400	15269	1	$-\frac{(Exp(u))^2 (-1+w^2)}{v}$	L	AB	P	AB

18401	15270	1	$\sqrt{\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{v}}}$	L	AB	P	R
18402	15271	1	$\frac{(\text{Exp}(u))^3 (1-w^2)^{3/2}}{v^{3/2}}$	L	AB	P	K
18403	15272	1	$e^{\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{v}}}$	L	AB	P	E
18404	15273	1	$\log\left(\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	L	AB	P	L
18405	15274	1	$\arcsin\left(\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	L	AB	P	S
18406	15275	1	$\arctan\left(\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{v}}\right)$	L	AB	P	T
18407	15276	1	$\sqrt{\frac{v - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v}}$	L	AB	P	P
18408	15276	2	$\sqrt{\frac{v - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v}}$	L	AB	H	H
18409	15277	1	$\sqrt{-\frac{-v - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v}}$	L	AB	P	H
18410	15277	2	$\sqrt{-\frac{-v - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v}}$	L	AB	H	P
18411	15278	1	$\frac{\text{Exp}(u) \sqrt{-1+w^2}}{\sqrt{v}}$	L	AB	H	CD
18412	15279	1	$\frac{\sqrt{v}}{\text{Exp}(u) \sqrt{-1+w^2}}$	L	AB	H	CDI
18413	15280	1	$\frac{\text{Exp}(u) \sqrt{-1+w^2} \pi}{\sqrt{v}}$	L	AB	H	CDF
18414	15281	1	$\frac{\sqrt{v}}{\text{Exp}(u) \sqrt{-1+w^2} \pi}$	L	AB	H	CDIF

18415	15282	1	$\frac{(Exp(u))^2 (-1 + w^2)}{v}$	L	AB	H	AB
18416	15283	1	$\sqrt{\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{v}}}$	L	AB	H	R
18417	15284	1	$\frac{(Exp(u))^3 (-1 + w^2)^{3/2}}{v^{3/2}}$	L	AB	H	K
18418	15285	1	$e^{\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{v}}}$	L	AB	H	E
18419	15286	1	$\log\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{v}}\right)$	L	AB	H	L
18420	15287	1	$\arcsin\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{v}}\right)$	L	AB	H	S
18421	15288	1	$\arctan\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{v}}\right)$	L	AB	H	T
18422	15289	1	$\frac{Exp(u) w}{v^2}$	L	R	CD	CD
18423	15289	2	$\frac{Exp(u) w}{v^2}$	L	R	CDF	CDF
18424	15290	1	$\frac{v^2}{Exp(u) w}$	L	R	CD	CDI
18425	15290	2	$\frac{v^2}{Exp(u) w}$	L	R	CDF	CDIF
18426	15291	1	$\frac{Exp(u) w \pi}{v^2}$	L	R	CD	CDF
18427	15292	1	$\frac{v^2}{Exp(u) w \pi}$	L	R	CD	CDIF
18428	15293	1	$\frac{(Exp(u))^2 w^2}{v^4}$	L	R	CD	AB
18429	15294	1	$\sqrt{\frac{Exp(u) w}{v^2}}$	L	R	CD	R

18430	15295	1	$\frac{(Exp(u))^3 w^3}{v^6}$	L	R	CD	K
18431	15296	1	$e^{\frac{Exp(u)w}{v^2}}$	L	R	CD	E
18432	15297	1	$\log\left(\frac{Exp(u)w}{v^2}\right)$	L	R	CD	L
18433	15298	1	$\arcsin\left(\frac{Exp(u)w}{v^2}\right)$	L	R	CD	S
18434	15299	1	$\arctan\left(\frac{Exp(u)w}{v^2}\right)$	L	R	CD	T
18435	15300	1	$\sqrt{-\frac{v^4 + (Exp(u))^2 w^2}{v^4}}$	L	R	CD	P
18436	15301	1	$\sqrt{\frac{v^4 + (Exp(u))^2 w^2}{v^4}}$	L	R	CD	H
18437	15302	1	$\frac{Exp(u)}{v^2 w}$	L	R	CDI	CD
18438	15302	2	$\frac{Exp(u)}{v^2 w}$	L	R	CDIF	CDF
18439	15303	1	$\frac{v^2 w}{Exp(u)}$	L	R	CDI	CDI
18440	15303	2	$\frac{v^2 w}{Exp(u)}$	L	R	CDIF	CDIF
18441	15304	1	$\frac{Exp(u) \pi}{v^2 w}$	L	R	CDI	CDF
18442	15305	1	$\frac{v^2 w}{Exp(u) \pi}$	L	R	CDI	CDIF
18443	15306	1	$\frac{(Exp(u))^2}{v^4 w^2}$	L	R	CDI	AB
18444	15307	1	$\sqrt{\frac{Exp(u)}{v^2 w}}$	L	R	CDI	R

18445	15308	1	$\frac{(Exp(u))^3}{v^6 w^3}$	L	R	CDI	K
18446	15309	1	$e^{\frac{Exp(u)}{v^2 w}}$	L	R	CDI	E
18447	15310	1	$\log\left(\frac{Exp(u)}{v^2 w}\right)$	L	R	CDI	L
18448	15311	1	$\arcsin\left(\frac{Exp(u)}{v^2 w}\right)$	L	R	CDI	S
18449	15312	1	$\arctan\left(\frac{Exp(u)}{v^2 w}\right)$	L	R	CDI	T
18450	15313	1	$\sqrt{\frac{v^4 w^2 - (Exp(u))^2}{v^4 w^2}}$	L	R	CDI	P
18451	15314	1	$\sqrt{\frac{v^4 w^2 + (Exp(u))^2}{v^4 w^2}}$	L	R	CDI	H
18452	15315	1	$\frac{Exp(u) w}{v^2 \pi}$	L	R	CDF	CD
18453	15316	1	$\frac{v^2 \pi}{Exp(u) w}$	L	R	CDF	CDI
18454	15317	1	$\frac{(Exp(u))^2 w^2}{v^4 \pi^2}$	L	R	CDF	AB
18455	15318	1	$\sqrt{\frac{Exp(u) w}{v^2 \pi}}$	L	R	CDF	R
18456	15319	1	$\frac{(Exp(u))^3 w^3}{v^6 \pi^3}$	L	R	CDF	K
18457	15320	1	$e^{\frac{Exp(u) w}{v^2 \pi}}$	L	R	CDF	E
18458	15321	1	$\log\left(\frac{Exp(u) w}{v^2 \pi}\right)$	L	R	CDF	L

18459	15322	1	$\arcsin\left(\frac{\text{Exp}(u) w}{v^2 \pi}\right)$	L	R	CDF	S
18460	15323	1	$\arctan\left(\frac{\text{Exp}(u) w}{v^2 \pi}\right)$	L	R	CDF	T
18461	15324	1	$\sqrt{\frac{v^4 \pi^2 - (\text{Exp}(u))^2 w^2}{v^4 \pi^2}}$	L	R	CDF	P
18462	15325	1	$\sqrt{\frac{v^4 \pi^2 + (\text{Exp}(u))^2 w^2}{v^4 \pi^2}}$	L	R	CDF	H
18463	15326	1	$\frac{\text{Exp}(u)}{v^2 w \pi}$	L	R	CDIF	CD
18464	15327	1	$\frac{v^2 w \pi}{\text{Exp}(u)}$	L	R	CDIF	CDI
18465	15328	1	$\frac{(\text{Exp}(u))^2}{v^4 w^2 \pi^2}$	L	R	CDIF	AB
18466	15329	1	$\sqrt{\frac{\text{Exp}(u)}{v^2 w \pi}}$	L	R	CDIF	R
18467	15330	1	$\frac{(\text{Exp}(u))^3}{v^6 w^3 \pi^3}$	L	R	CDIF	K
18468	15331	1	$e^{\frac{\text{Exp}(u)}{v^2 w \pi}}$	L	R	CDIF	E
18469	15332	1	$\log\left(\frac{\text{Exp}(u)}{v^2 w \pi}\right)$	L	R	CDIF	L
18470	15333	1	$\arcsin\left(\frac{\text{Exp}(u)}{v^2 w \pi}\right)$	L	R	CDIF	S
18471	15334	1	$\arctan\left(\frac{\text{Exp}(u)}{v^2 w \pi}\right)$	L	R	CDIF	T
18472	15335	1	$\sqrt{\frac{v^4 w^2 \pi^2 - (\text{Exp}(u))^2}{v^4 w^2 \pi^2}}$	L	R	CDIF	P

18473	15336	1	$\sqrt{\frac{v^4 w^2 \pi^2 + (Exp(u))^2}{v^4 w^2 \pi^2}}$	L	R	CDIF	H
18474	15337	1	$\frac{Exp(u) \sqrt{w}}{v^2}$	L	R	AB	CD
18475	15338	1	$\frac{v^2}{Exp(u) \sqrt{w}}$	L	R	AB	CDI
18476	15339	1	$\frac{Exp(u) \sqrt{w} \pi}{v^2}$	L	R	AB	CDF
18477	15340	1	$\frac{v^2}{Exp(u) \sqrt{w} \pi}$	L	R	AB	CDIF
18478	15341	1	$\frac{(Exp(u))^2 w}{v^4}$	L	R	AB	AB
18479	15342	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{v^2}}$	L	R	AB	R
18480	15343	1	$\frac{(Exp(u))^3 w^{3/2}}{v^6}$	L	R	AB	K
18481	15344	1	$e^{\frac{Exp(u) \sqrt{w}}{v^2}}$	L	R	AB	E
18482	15345	1	$\log\left(\frac{Exp(u) \sqrt{w}}{v^2}\right)$	L	R	AB	L
18483	15346	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{v^2}\right)$	L	R	AB	S
18484	15347	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{v^2}\right)$	L	R	AB	T
18485	15348	1	$\sqrt{-\frac{v^4 + (Exp(u))^2 w}{v^4}}$	L	R	AB	P
18486	15349	1	$\sqrt{\frac{v^4 + (Exp(u))^2 w}{v^4}}$	L	R	AB	H

18487	15350	1	$\frac{Exp(u) w^2}{v^2}$	L	R	R	CD
18488	15351	1	$\frac{v^2}{Exp(u) w^2}$	L	R	R	CDI
18489	15352	1	$\frac{Exp(u) w^2 \pi}{v^2}$	L	R	R	CDF
18490	15353	1	$\frac{v^2}{Exp(u) w^2 \pi}$	L	R	R	CDIF
18491	15354	1	$\frac{(Exp(u))^2 w^4}{v^4}$	L	R	R	AB
18492	15355	1	$\sqrt{\frac{Exp(u) w^2}{v^2}}$	L	R	R	R
18493	15356	1	$\frac{(Exp(u))^3 w^6}{v^6}$	L	R	R	K
18494	15357	1	$e^{\frac{Exp(u) w^2}{v^2}}$	L	R	R	E
18495	15358	1	$\log\left(\frac{Exp(u) w^2}{v^2}\right)$	L	R	R	L
18496	15359	1	$\arcsin\left(\frac{Exp(u) w^2}{v^2}\right)$	L	R	R	S
18497	15360	1	$\arctan\left(\frac{Exp(u) w^2}{v^2}\right)$	L	R	R	T
18498	15361	1	$\sqrt{-\frac{v^4 + (Exp(u))^2 w^4}{v^4}}$	L	R	R	P
18499	15362	1	$\sqrt{\frac{v^4 + (Exp(u))^2 w^4}{v^4}}$	L	R	R	H
18500	15363	1	$\frac{Exp(u) \sqrt[3]{w}}{v^2}$	L	R	K	CD

18501	15364	1	$\frac{v^2}{Exp(u) \sqrt[3]{w}}$	L	R	K	CDI
18502	15365	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{v^2}$	L	R	K	CDF
18503	15366	1	$\frac{v^2}{Exp(u) \sqrt[3]{w} \pi}$	L	R	K	CDIF
18504	15367	1	$\frac{(Exp(u))^2 w^{2/3}}{v^4}$	L	R	K	AB
18505	15368	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{v^2}}$	L	R	K	R
18506	15369	1	$\frac{(Exp(u))^3 w}{v^6}$	L	R	K	K
18507	15370	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{v^2}}$	L	R	K	E
18508	15371	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{v^2}\right)$	L	R	K	L
18509	15372	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{v^2}\right)$	L	R	K	S
18510	15373	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{v^2}\right)$	L	R	K	T
18511	15374	1	$\sqrt{\frac{v^4 - (Exp(u))^2 w^{2/3}}{v^4}}$	L	R	K	P
18512	15375	1	$\sqrt{\frac{v^4 + (Exp(u))^2 w^{2/3}}{v^4}}$	L	R	K	H
18513	15376	1	$\frac{Exp(u) \ln(w)}{v^2}$	L	R	E	CD
18514	15377	1	$\frac{v^2}{Exp(u) \ln(w)}$	L	R	E	CDI

18515	15378	1	$\frac{Exp(u) \ln(w) \pi}{v^2}$	L	R	E	CDF
18516	15379	1	$\frac{v^2}{Exp(u) \ln(w) \pi}$	L	R	E	CDIF
18517	15380	1	$\frac{(Exp(u))^2 (\ln(w))^2}{v^4}$	L	R	E	AB
18518	15381	1	$\sqrt{\frac{Exp(u) \ln(w)}{v^2}}$	L	R	E	R
18519	15382	1	$\frac{(Exp(u))^3 (\ln(w))^3}{v^6}$	L	R	E	K
18520	15383	1	$w^{\frac{Exp(u)}{v^2}}$	L	R	E	E
18521	15384	1	$\log\left(\frac{Exp(u) \ln(w)}{v^2}\right)$	L	R	E	L
18522	15385	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{v^2}\right)$	L	R	E	S
18523	15386	1	$\arctan\left(\frac{Exp(u) \ln(w)}{v^2}\right)$	L	R	E	T
18524	15387	1	$\sqrt{\frac{v^4 - (Exp(u))^2 (\ln(w))^2}{v^4}}$	L	R	E	P
18525	15388	1	$\sqrt{\frac{v^4 + (Exp(u))^2 (\ln(w))^2}{v^4}}$	L	R	E	H
18526	15389	1	$\frac{Exp(u) Exp(w)}{v^2}$	L	R	L	CD
18527	15390	1	$\frac{v^2}{Exp(u) Exp(w)}$	L	R	L	CDI
18528	15391	1	$\frac{Exp(u) Exp(w) \pi}{v^2}$	L	R	L	CDF
18529	15392	1	$\frac{v^2}{Exp(u) Exp(w) \pi}$	L	R	L	CDIF

18530	15393	1	$\frac{(Exp(u))^2 (Exp(w))^2}{v^4}$	L	R	L	AB
18531	15394	1	$\sqrt{\frac{Exp(u) Exp(w)}{v^2}}$	L	R	L	R
18532	15395	1	$\frac{(Exp(u))^3 (Exp(w))^3}{v^6}$	L	R	L	K
18533	15396	1	$e^{\frac{Exp(u) Exp(w)}{v^2}}$	L	R	L	E
18534	15397	1	$\log\left(\frac{Exp(u) Exp(w)}{v^2}\right)$	L	R	L	L
18535	15398	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{v^2}\right)$	L	R	L	S
18536	15399	1	$\arctan\left(\frac{Exp(u) Exp(w)}{v^2}\right)$	L	R	L	T
18537	15400	1	$\sqrt{\frac{v^4 - (Exp(u))^2 (Exp(w))^2}{v^4}}$	L	R	L	P
18538	15401	1	$\sqrt{\frac{v^4 + (Exp(u))^2 (Exp(w))^2}{v^4}}$	L	R	L	H
18539	15402	1	$\frac{Exp(u) \sin(w)}{v^2}$	L	R	S	CD
18540	15403	1	$\frac{v^2}{Exp(u) \sin(w)}$	L	R	S	CDI
18541	15404	1	$\frac{Exp(u) \sin(w) \pi}{v^2}$	L	R	S	CDF
18542	15405	1	$\frac{v^2}{Exp(u) \sin(w) \pi}$	L	R	S	CDIF
18543	15406	1	$\frac{(Exp(u))^2 (\sin(w))^2}{v^4}$	L	R	S	AB

18544	15407	1	$\sqrt{\frac{Exp(u) \sin(w)}{v^2}}$	L	R	S	R
18545	15408	1	$\frac{(Exp(u))^3 (\sin(w))^3}{v^6}$	L	R	S	K
18546	15409	1	$e^{\frac{Exp(u) \sin(w)}{v^2}}$	L	R	S	E
18547	15410	1	$\log\left(\frac{Exp(u) \sin(w)}{v^2}\right)$	L	R	S	L
18548	15411	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{v^2}\right)$	L	R	S	S
18549	15412	1	$\arctan\left(\frac{Exp(u) \sin(w)}{v^2}\right)$	L	R	S	T
18550	15413	1	$\sqrt{\frac{v^4 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{v^4}}$	L	R	S	P
18551	15414	1	$\sqrt{\frac{v^4 + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{v^4}}$	L	R	S	H
18552	15415	1	$\frac{Exp(u) \tan(w)}{v^2}$	L	R	T	CD
18553	15416	1	$\frac{v^2}{Exp(u) \tan(w)}$	L	R	T	CDI
18554	15417	1	$\frac{Exp(u) \tan(w) \pi}{v^2}$	L	R	T	CDF
18555	15418	1	$\frac{v^2}{Exp(u) \tan(w) \pi}$	L	R	T	CDIF
18556	15419	1	$\frac{(Exp(u))^2 (\tan(w))^2}{v^4}$	L	R	T	AB
18557	15420	1	$\sqrt{\frac{Exp(u) \tan(w)}{v^2}}$	L	R	T	R

18558	15421	1	$\frac{(Exp(u))^3 (\tan(w))^3}{v^6}$	L	R	T	K
18559	15422	1	$e^{\frac{Exp(u) \tan(w)}{v^2}}$	L	R	T	E
18560	15423	1	$\log\left(\frac{Exp(u) \tan(w)}{v^2}\right)$	L	R	T	L
18561	15424	1	$\arcsin\left(\frac{Exp(u) \tan(w)}{v^2}\right)$	L	R	T	S
18562	15425	1	$\arctan\left(\frac{Exp(u) \tan(w)}{v^2}\right)$	L	R	T	T
18563	15426	1	$\sqrt{\frac{v^4 - (Exp(u))^2 (\tan(w))^2}{v^4}}$	L	R	T	P
18564	15427	1	$\sqrt{\frac{v^4 + (Exp(u))^2 (\tan(w))^2}{v^4}}$	L	R	T	H
18565	15428	1	$\frac{Exp(u) \sqrt{-(w-1)(w+1)}}{v^2}$	L	R	P	CD
18566	15429	1	$\frac{v^2}{Exp(u) \sqrt{1-w^2}}$	L	R	P	CDI
18567	15430	1	$\frac{Exp(u) \sqrt{-(w-1)(w+1)}\pi}{v^2}$	L	R	P	CDF
18568	15431	1	$\frac{v^2}{Exp(u) \sqrt{1-w^2}\pi}$	L	R	P	CDIF
18569	15432	1	$-\frac{(Exp(u))^2 (-1+w^2)}{v^4}$	L	R	P	AB
18570	15433	1	$\sqrt{\frac{Exp(u) \sqrt{-(w-1)(w+1)}}{v^2}}$	L	R	P	R
18571	15434	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{v^6}$	L	R	P	K

18572	15435	1	$e^{\frac{Exp(u)\sqrt{-(w-1)(w+1)}}{v^2}}$	L	R	P	E
18573	15436	1	$\log\left(\frac{Exp(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$		R	P	L
18574	15437	1	$\arcsin\left(\frac{Exp(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$		R	P	S
18575	15438	1	$\arctan\left(\frac{Exp(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$		R	P	T
18576	15439	1	$\sqrt{\frac{v^4 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^4}}$		R	P	P
18577	15439	2	$\sqrt{\frac{v^4 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^4}}$		R	H	H
18578	15440	1	$\sqrt{-\frac{v^4 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^4}}$		R	P	H
18579	15440	2	$\sqrt{-\frac{v^4 - (Exp(u))^2 + (Exp(u))^2 w^2}{v^4}}$		R	H	P
18580	15441	1	$\frac{Exp(u)\sqrt{(w-1)(w+1)}}{v^2}$	L	R	H	CD
18581	15442	1	$\frac{v^2}{Exp(u)\sqrt{-1+w^2}}$	L	R	H	CDI
18582	15443	1	$\frac{Exp(u)\sqrt{(w-1)(w+1)}\pi}{v^2}$	L	R	H	CDF
18583	15444	1	$\frac{v^2}{Exp(u)\sqrt{-1+w^2}\pi}$	L	R	H	CDIF
18584	15445	1	$\frac{(Exp(u))^2(-1+w^2)}{v^4}$	L	R	H	AB
18585	15446	1	$\sqrt{\frac{Exp(u)\sqrt{(w-1)(w+1)}}{v^2}}$	L	R	H	R

18586	15447	1	$\frac{(Exp(u))^3 (-1 + w^2)^{3/2}}{v^6}$	L	R	H	K
18587	15448	1	$e^{\frac{Exp(u) \sqrt{(w-1)(w+1)}}{v^2}}$	L	R	H	E
18588	15449	1	$\log \left(\frac{Exp(u) \sqrt{(w-1)(w+1)}}{v^2} \right)$	L	R	H	L
18589	15450	1	$\arcsin \left(\frac{Exp(u) \sqrt{(w-1)(w+1)}}{v^2} \right)$	L	R	H	S
18590	15451	1	$\arctan \left(\frac{Exp(u) \sqrt{(w-1)(w+1)}}{v^2} \right)$	L	R	H	T
18591	15452	1	$\frac{Exp(u) w}{\sqrt[3]{v}}$	L	K	CD	CD
18592	15452	2	$\frac{Exp(u) w}{\sqrt[3]{v}}$	L	K	CDF	CDF
18593	15453	1	$\frac{\sqrt[3]{v}}{Exp(u) w}$	L	K	CD	CDI
18594	15453	2	$\frac{\sqrt[3]{v}}{Exp(u) w}$	L	K	CDF	CDIF
18595	15454	1	$\frac{Exp(u) w \pi}{\sqrt[3]{v}}$	L	K	CD	CDF
18596	15455	1	$\frac{\sqrt[3]{v}}{Exp(u) w \pi}$	L	K	CD	CDIF
18597	15456	1	$\frac{(Exp(u))^2 w^2}{v^{2/3}}$	L	K	CD	AB
18598	15457	1	$\sqrt{\frac{Exp(u) w}{\sqrt[3]{v}}}$	L	K	CD	R
18599	15458	1	$\frac{(Exp(u))^3 w^3}{v}$	L	K	CD	K
18600	15459	1	$e^{\frac{Exp(u) w}{\sqrt[3]{v}}}$	L	K	CD	E

18601	15460	1	$\log \left(\frac{\text{Exp}(u) w}{\sqrt[3]{v}} \right)$	L	K	CD	L
18602	15461	1	$\arcsin \left(\frac{\text{Exp}(u) w}{\sqrt[3]{v}} \right)$	L	K	CD	S
18603	15462	1	$\arctan \left(\frac{\text{Exp}(u) w}{\sqrt[3]{v}} \right)$	L	K	CD	T
18604	15463	1	$\sqrt{-\frac{v^{2/3} + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$	L	K	CD	P
18605	15464	1	$\sqrt{\frac{v^{2/3} + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$	L	K	CD	H
18606	15465	1	$\frac{\text{Exp}(u)}{\sqrt[3]{v} w}$	L	K	CDI	CD
18607	15465	2	$\frac{\text{Exp}(u)}{\sqrt[3]{v} w}$	L	K	CDIF	CDF
18608	15466	1	$\frac{\sqrt[3]{v} w}{\text{Exp}(u)}$	L	K	CDI	CDI
18609	15466	2	$\frac{\sqrt[3]{v} w}{\text{Exp}(u)}$	L	K	CDIF	CDIF
18610	15467	1	$\frac{\text{Exp}(u) \pi}{\sqrt[3]{v} w}$	L	K	CDI	CDF
18611	15468	1	$\frac{\sqrt[3]{v} w}{\text{Exp}(u) \pi}$	L	K	CDI	CDIF
18612	15469	1	$\frac{(\text{Exp}(u))^2}{v^{2/3} w^2}$	L	K	CDI	AB
18613	15470	1	$\sqrt{\frac{\text{Exp}(u)}{\sqrt[3]{v} w}}$	L	K	CDI	R
18614	15471	1	$\frac{(\text{Exp}(u))^3}{v w^3}$	L	K	CDI	K
18615	15472	1	$e^{\frac{\text{Exp}(u)}{\sqrt[3]{v} w}}$	L	K	CDI	E

18616	15473	1	$\log\left(\frac{Exp(u)}{\sqrt[3]{vw}}\right)$	L	K	CDI	L
18617	15474	1	$\arcsin\left(\frac{Exp(u)}{\sqrt[3]{vw}}\right)$	L	K	CDI	S
18618	15475	1	$\arctan\left(\frac{Exp(u)}{\sqrt[3]{vw}}\right)$	L	K	CDI	T
18619	15476	1	$\sqrt{\frac{v^{2/3}w^2 - (Exp(u))^2}{v^{2/3}w^2}}$	L	K	CDI	P
18620	15477	1	$\sqrt{\frac{v^{2/3}w^2 + (Exp(u))^2}{v^{2/3}w^2}}$	L	K	CDI	H
18621	15478	1	$\frac{Exp(u) w}{\sqrt[3]{v}\pi}$	L	K	CDF	CD
18622	15479	1	$\frac{\sqrt[3]{v}\pi}{Exp(u) w}$	L	K	CDF	CDI
18623	15480	1	$\frac{(Exp(u))^2 w^2}{v^{2/3}\pi^2}$	L	K	CDF	AB
18624	15481	1	$\sqrt{\frac{Exp(u) w}{\sqrt[3]{v}\pi}}$	L	K	CDF	R
18625	15482	1	$\frac{(Exp(u))^3 w^3}{v\pi^3}$	L	K	CDF	K
18626	15483	1	$e^{\frac{Exp(u) w}{\sqrt[3]{v}\pi}}$	L	K	CDF	E
18627	15484	1	$\log\left(\frac{Exp(u) w}{\sqrt[3]{v}\pi}\right)$	L	K	CDF	L
18628	15485	1	$\arcsin\left(\frac{Exp(u) w}{\sqrt[3]{v}\pi}\right)$	L	K	CDF	S
18629	15486	1	$\arctan\left(\frac{Exp(u) w}{\sqrt[3]{v}\pi}\right)$	L	K	CDF	T

18630	15487	1	$\sqrt{\frac{v^{2/3}\pi^2 - (Exp(u))^2 w^2}{v^{2/3}\pi^2}}$	L	K	CDF	P
18631	15488	1	$\sqrt{\frac{v^{2/3}\pi^2 + (Exp(u))^2 w^2}{v^{2/3}\pi^2}}$	L	K	CDF	H
18632	15489	1	$\frac{Exp(u)}{\sqrt[3]{vw\pi}}$	L	K	CDIF	CD
18633	15490	1	$\frac{\sqrt[3]{vw\pi}}{Exp(u)}$	L	K	CDIF	CDI
18634	15491	1	$\frac{(Exp(u))^2}{v^{2/3}w^2\pi^2}$	L	K	CDIF	AB
18635	15492	1	$\sqrt{\frac{Exp(u)}{\sqrt[3]{vw\pi}}}$	L	K	CDIF	R
18636	15493	1	$\frac{(Exp(u))^3}{vw^3\pi^3}$	L	K	CDIF	K
18637	15494	1	$e^{\frac{Exp(u)}{\sqrt[3]{vw\pi}}}$	L	K	CDIF	E
18638	15495	1	$\log\left(\frac{Exp(u)}{\sqrt[3]{vw\pi}}\right)$	L	K	CDIF	L
18639	15496	1	$\arcsin\left(\frac{Exp(u)}{\sqrt[3]{vw\pi}}\right)$	L	K	CDIF	S
18640	15497	1	$\arctan\left(\frac{Exp(u)}{\sqrt[3]{vw\pi}}\right)$	L	K	CDIF	T
18641	15498	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 - (Exp(u))^2}{v^{2/3}w^2\pi^2}}$	L	K	CDIF	P
18642	15499	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + (Exp(u))^2}{v^{2/3}w^2\pi^2}}$	L	K	CDIF	H
18643	15500	1	$\frac{Exp(u) \sqrt{w}}{\sqrt[3]{v}}$	L	K	AB	CD

18644	15501	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \sqrt{w}}$	L	K	AB	CDI
18645	15502	1	$\frac{\text{Exp}(u) \sqrt{w} \pi}{\sqrt[3]{v}}$	L	K	AB	CDF
18646	15503	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \sqrt{w} \pi}$	L	K	AB	CDIF
18647	15504	1	$\frac{(\text{Exp}(u))^2 w}{v^{2/3}}$	L	K	AB	AB
18648	15505	1	$\sqrt{\frac{\text{Exp}(u) \sqrt{w}}{\sqrt[3]{v}}}$	L	K	AB	R
18649	15506	1	$\frac{(\text{Exp}(u))^3 w^{3/2}}{v}$	L	K	AB	K
18650	15507	1	$e^{\frac{\text{Exp}(u) \sqrt{w}}{\sqrt[3]{v}}}$	L	K	AB	E
18651	15508	1	$\log\left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	L	K	AB	L
18652	15509	1	$\arcsin\left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	L	K	AB	S
18653	15510	1	$\arctan\left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt[3]{v}}\right)$	L	K	AB	T
18654	15511	1	$\sqrt{-\frac{v^{2/3} + (\text{Exp}(u))^2 w}{v^{2/3}}}$	L	K	AB	P
18655	15512	1	$\sqrt{\frac{v^{2/3} + (\text{Exp}(u))^2 w}{v^{2/3}}}$	L	K	AB	H
18656	15513	1	$\frac{\text{Exp}(u) w^2}{\sqrt[3]{v}}$	L	K	R	CD
18657	15514	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) w^2}$	L	K	R	CDI

18658	15515	1	$\frac{Exp(u) w^2 \pi}{\sqrt[3]{v}}$	L	K	R	CDF
18659	15516	1	$\frac{\sqrt[3]{v}}{Exp(u) w^2 \pi}$	L	K	R	CDIF
18660	15517	1	$\frac{(Exp(u))^2 w^4}{v^{2/3}}$	L	K	R	AB
18661	15518	1	$\sqrt{\frac{Exp(u) w^2}{\sqrt[3]{v}}}$	L	K	R	R
18662	15519	1	$\frac{(Exp(u))^3 w^6}{v}$	L	K	R	K
18663	15520	1	$e^{\frac{Exp(u) w^2}{\sqrt[3]{v}}}$	L	K	R	E
18664	15521	1	$\log\left(\frac{Exp(u) w^2}{\sqrt[3]{v}}\right)$	L	K	R	L
18665	15522	1	$\arcsin\left(\frac{Exp(u) w^2}{\sqrt[3]{v}}\right)$	L	K	R	S
18666	15523	1	$\arctan\left(\frac{Exp(u) w^2}{\sqrt[3]{v}}\right)$	L	K	R	T
18667	15524	1	$\sqrt{-\frac{v^{2/3} + (Exp(u))^2 w^4}{v^{2/3}}}$	L	K	R	P
18668	15525	1	$\sqrt{\frac{v^{2/3} + (Exp(u))^2 w^4}{v^{2/3}}}$	L	K	R	H
18669	15526	1	$\frac{Exp(u) \sqrt[3]{w}}{\sqrt[3]{v}}$	L	K	K	CD
18670	15527	1	$\frac{\sqrt[3]{v}}{Exp(u) \sqrt[3]{w}}$	L	K	K	CDI
18671	15528	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{\sqrt[3]{v}}$	L	K	K	CDF

18672	15529	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \sqrt[3]{w} \pi}$	L	K	K	CDIF
18673	15530	1	$\frac{(\text{Exp}(u))^2 w^{2/3}}{v^{2/3}}$	L	K	K	AB
18674	15531	1	$\sqrt{\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt[3]{v}}}$	L	K	K	R
18675	15532	1	$\frac{(\text{Exp}(u))^3 w}{v}$	L	K	K	K
18676	15533	1	$e^{\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt[3]{v}}}$	L	K	K	E
18677	15534	1	$\log\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	L	K	K	L
18678	15535	1	$\arcsin\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	L	K	K	S
18679	15536	1	$\arctan\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	L	K	K	T
18680	15537	1	$\sqrt{-\frac{v^{2/3} + (\text{Exp}(u))^2 w^{2/3}}{v^{2/3}}}$	L	K	K	P
18681	15538	1	$\sqrt{\frac{v^{2/3} + (\text{Exp}(u))^2 w^{2/3}}{v^{2/3}}}$	L	K	K	H
18682	15539	1	$\frac{\text{Exp}(u) \ln(w)}{\sqrt[3]{v}}$	L	K	E	CD
18683	15540	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \ln(w)}$	L	K	E	CDI
18684	15541	1	$\frac{\text{Exp}(u) \ln(w) \pi}{\sqrt[3]{v}}$	L	K	E	CDF
18685	15542	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \ln(w) \pi}$	L	K	E	CDIF

18686	15543	1	$\frac{(Exp(u))^2 (\ln(w))^2}{v^{2/3}}$	L	K	E	AB
18687	15544	1	$\sqrt{\frac{Exp(u) \ln(w)}{\sqrt[3]{v}}}$	L	K	E	R
18688	15545	1	$\frac{(Exp(u))^3 (\ln(w))^3}{v}$	L	K	E	K
18689	15546	1	$w^{\frac{Exp(u)}{\sqrt[3]{v}}}$	L	K	E	E
18690	15547	1	$\log\left(\frac{Exp(u) \ln(w)}{\sqrt[3]{v}}\right)$	L	K	E	L
18691	15548	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{\sqrt[3]{v}}\right)$	L	K	E	S
18692	15549	1	$\arctan\left(\frac{Exp(u) \ln(w)}{\sqrt[3]{v}}\right)$	L	K	E	T
18693	15550	1	$\sqrt{\frac{v^{2/3} - (Exp(u))^2 (\ln(w))^2}{v^{2/3}}}$	L	K	E	P
18694	15551	1	$\sqrt{\frac{v^{2/3} + (Exp(u))^2 (\ln(w))^2}{v^{2/3}}}$	L	K	E	H
18695	15552	1	$\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}$	L	K	L	CD
18696	15553	1	$\frac{\sqrt[3]{v}}{Exp(u) Exp(w)}$	L	K	L	CDI
18697	15554	1	$\frac{Exp(u) Exp(w) \pi}{\sqrt[3]{v}}$	L	K	L	CDF
18698	15555	1	$\frac{\sqrt[3]{v}}{Exp(u) Exp(w) \pi}$	L	K	L	CDIF
18699	15556	1	$\frac{(Exp(u))^2 (Exp(w))^2}{v^{2/3}}$	L	K	L	AB

18700	15557	1	$\sqrt{\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}}$	L	K	L	R
18701	15558	1	$\frac{(Exp(u))^3 (Exp(w))^3}{v}$	L	K	L	K
18702	15559	1	$e^{\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}}$	L	K	L	E
18703	15560	1	$\log\left(\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}\right)$	L	K	L	L
18704	15561	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}\right)$	L	K	L	S
18705	15562	1	$\arctan\left(\frac{Exp(u) Exp(w)}{\sqrt[3]{v}}\right)$	L	K	L	T
18706	15563	1	$\sqrt{\frac{v^{2/3} - (Exp(u))^2 (Exp(w))^2}{v^{2/3}}}$	L	K	L	P
18707	15564	1	$\sqrt{\frac{v^{2/3} + (Exp(u))^2 (Exp(w))^2}{v^{2/3}}}$	L	K	L	H
18708	15565	1	$\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}$	L	K	S	CD
18709	15566	1	$\frac{\sqrt[3]{v}}{Exp(u) \sin(w)}$	L	K	S	CDI
18710	15567	1	$\frac{Exp(u) \sin(w) \pi}{\sqrt[3]{v}}$	L	K	S	CDF
18711	15568	1	$\frac{\sqrt[3]{v}}{Exp(u) \sin(w) \pi}$	L	K	S	CDIF
18712	15569	1	$\frac{(Exp(u))^2 (\sin(w))^2}{v^{2/3}}$	L	K	S	AB
18713	15570	1	$\sqrt{\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}}$	L	K	S	R

18714	15571	1	$\frac{(Exp(u))^3 (\sin(w))^3}{v}$	L	K	S	K
18715	15572	1	$e^{\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}}$	L	K	S	E
18716	15573	1	$\log\left(\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}\right)$	L	K	S	L
18717	15574	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}\right)$	L	K	S	S
18718	15575	1	$\arctan\left(\frac{Exp(u) \sin(w)}{\sqrt[3]{v}}\right)$	L	K	S	T
18719	15576	1	$\sqrt{\frac{v^{2/3} - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{v^{2/3}}}$	L	K	S	P
18720	15577	1	$\sqrt{\frac{v^{2/3} + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{v^{2/3}}}$	L	K	S	H
18721	15578	1	$\frac{Exp(u) \tan(w)}{\sqrt[3]{v}}$	L	K	T	CD
18722	15579	1	$\frac{\sqrt[3]{v}}{Exp(u) \tan(w)}$	L	K	T	CDI
18723	15580	1	$\frac{Exp(u) \tan(w) \pi}{\sqrt[3]{v}}$	L	K	T	CDF
18724	15581	1	$\frac{\sqrt[3]{v}}{Exp(u) \tan(w) \pi}$	L	K	T	CDIF
18725	15582	1	$\frac{(Exp(u))^2 (\tan(w))^2}{v^{2/3}}$	L	K	T	AB
18726	15583	1	$\sqrt{\frac{Exp(u) \tan(w)}{\sqrt[3]{v}}}$	L	K	T	R
18727	15584	1	$\frac{(Exp(u))^3 (\tan(w))^3}{v}$	L	K	T	K
18728	15585	1	$e^{\frac{Exp(u) \tan(w)}{\sqrt[3]{v}}}$	L	K	T	E

18729	15586	1	$\log \left(\frac{\text{Exp}(u) \tan(w)}{\sqrt[3]{v}} \right)$	L	K	T	L
18730	15587	1	$\arcsin \left(\frac{\text{Exp}(u) \tan(w)}{\sqrt[3]{v}} \right)$	L	K	T	S
18731	15588	1	$\arctan \left(\frac{\text{Exp}(u) \tan(w)}{\sqrt[3]{v}} \right)$	L	K	T	T
18732	15589	1	$\sqrt{\frac{v^{2/3} - (\text{Exp}(u))^2 (\tan(w))^2}{v^{2/3}}}$	L	K	T	P
18733	15590	1	$\sqrt{\frac{v^{2/3} + (\text{Exp}(u))^2 (\tan(w))^2}{v^{2/3}}}$	L	K	T	H
18734	15591	1	$\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt[3]{v}}$	L	K	P	CD
18735	15592	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \sqrt{1-w^2}}$	L	K	P	CDI
18736	15593	1	$\frac{\text{Exp}(u) \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	L	K	P	CDF
18737	15594	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u) \sqrt{1-w^2} \pi}$	L	K	P	CDIF
18738	15595	1	$-\frac{(\text{Exp}(u))^2 (-1+w^2)}{v^{2/3}}$	L	K	P	AB
18739	15596	1	$\sqrt{\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	L	K	P	R
18740	15597	1	$\frac{(\text{Exp}(u))^3 (1-w^2)^{3/2}}{v}$	L	K	P	K
18741	15598	1	$e^{\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	L	K	P	E
18742	15599	1	$\log \left(\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt[3]{v}} \right)$	L	K	P	L

18743	15600	1	$\arcsin\left(\frac{\text{Exp}(u)\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	L	K	P	S
18744	15601	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	L	K	P	T
18745	15602	1	$\sqrt{\frac{v^{2/3} - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$		K	P	P
18746	15602	2	$\sqrt{\frac{v^{2/3} - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$		K	H	H
18747	15603	1	$\sqrt{-\frac{v^{2/3} - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$		K	P	H
18748	15603	2	$\sqrt{-\frac{v^{2/3} - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 w^2}{v^{2/3}}}$		K	H	P
18749	15604	1	$\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\sqrt[3]{v}}$	L	K	H	CD
18750	15605	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u)\sqrt{-1+w^2}}$	L	K	H	CDI
18751	15606	1	$\frac{\text{Exp}(u)\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	L	K	H	CDF
18752	15607	1	$\frac{\sqrt[3]{v}}{\text{Exp}(u)\sqrt{-1+w^2}\pi}$	L	K	H	CDIF
18753	15608	1	$\frac{(\text{Exp}(u))^2(-1+w^2)}{v^{2/3}}$	L	K	H	AB
18754	15609	1	$\sqrt{\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	L	K	H	R
18755	15610	1	$\frac{(\text{Exp}(u))^3(-1+w^2)^{3/2}}{v}$	L	K	H	K
18756	15611	1	$e^{\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	L	K	H	E

18757	15612	1	$\log \left(\frac{\text{Exp}(u) \sqrt{-1+w^2}}{\sqrt[3]{v}} \right)$	L	K	H	L
18758	15613	1	$\arcsin \left(\frac{\text{Exp}(u) \sqrt{-1+w^2}}{\sqrt[3]{v}} \right)$	L	K	H	S
18759	15614	1	$\arctan \left(\frac{\text{Exp}(u) \sqrt{-1+w^2}}{\sqrt[3]{v}} \right)$	L	K	H	T
18760	15615	1	$\frac{\text{Exp}(u) w}{\ln(v)}$	L	E	CD	CD
18761	15615	2	$\frac{\text{Exp}(u) w}{\ln(v)}$	L	E	CDF	CDF
18762	15616	1	$\frac{\ln(v)}{\text{Exp}(u) w}$	L	E	CD	CDI
18763	15616	2	$\frac{\ln(v)}{\text{Exp}(u) w}$	L	E	CDF	CDIF
18764	15617	1	$\frac{\text{Exp}(u) w \pi}{\ln(v)}$	L	E	CD	CDF
18765	15618	1	$\frac{\ln(v)}{\text{Exp}(u) w \pi}$	L	E	CD	CDIF
18766	15619	1	$\frac{(\text{Exp}(u))^2 w^2}{(\ln(v))^2}$	L	E	CD	AB
18767	15620	1	$\sqrt{\frac{\text{Exp}(u) w}{\ln(v)}}$	L	E	CD	R
18768	15621	1	$\frac{(\text{Exp}(u))^3 w^3}{(\ln(v))^3}$	L	E	CD	K
18769	15622	1	$e^{\frac{\text{Exp}(u) w}{\ln(v)}}$	L	E	CD	E
18770	15623	1	$\log \left(\frac{\text{Exp}(u) w}{\ln(v)} \right)$	L	E	CD	L

18771	15624	1	$\arcsin\left(\frac{\text{Exp}(u) w}{\ln(v)}\right)$	L	E	CD	S
18772	15625	1	$\arctan\left(\frac{\text{Exp}(u) w}{\ln(v)}\right)$	L	E	CD	T
18773	15626	1	$\sqrt{\frac{(\ln(v))^2 - (\text{Exp}(u))^2 w^2}{(\ln(v))^2}}$	L	E	CD	P
18774	15627	1	$\sqrt{\frac{(\ln(v))^2 + (\text{Exp}(u))^2 w^2}{(\ln(v))^2}}$	L	E	CD	H
18775	15628	1	$\frac{\text{Exp}(u)}{\ln(v) w}$	L	E	CDI	CD
18776	15628	2	$\frac{\text{Exp}(u)}{\ln(v) w}$	L	E	CDIF	CDF
18777	15629	1	$\frac{\ln(v) w}{\text{Exp}(u)}$	L	E	CDI	CDI
18778	15629	2	$\frac{\ln(v) w}{\text{Exp}(u)}$	L	E	CDIF	CDIF
18779	15630	1	$\frac{\text{Exp}(u) \pi}{\ln(v) w}$	L	E	CDI	CDF
18780	15631	1	$\frac{\ln(v) w}{\text{Exp}(u) \pi}$	L	E	CDI	CDIF
18781	15632	1	$\frac{(\text{Exp}(u))^2}{(\ln(v))^2 w^2}$	L	E	CDI	AB
18782	15633	1	$\sqrt{\frac{\text{Exp}(u)}{\ln(v) w}}$	L	E	CDI	R
18783	15634	1	$\frac{(\text{Exp}(u))^3}{(\ln(v))^3 w^3}$	L	E	CDI	K
18784	15635	1	$e^{\frac{\text{Exp}(u)}{\ln(v) w}}$	L	E	CDI	E
18785	15636	1	$\log\left(\frac{\text{Exp}(u)}{\ln(v) w}\right)$	L	E	CDI	L

18786	15637	1	$\arcsin\left(\frac{Exp(u)}{\ln(v)w}\right)$	L	E	CDI	S
18787	15638	1	$\arctan\left(\frac{Exp(u)}{\ln(v)w}\right)$	L	E	CDI	T
18788	15639	1	$\sqrt{\frac{(\ln(v))^2 w^2 - (Exp(u))^2}{(\ln(v))^2 w^2}}$	L	E	CDI	P
18789	15640	1	$\sqrt{\frac{(\ln(v))^2 w^2 + (Exp(u))^2}{(\ln(v))^2 w^2}}$	L	E	CDI	H
18790	15641	1	$\frac{Exp(u)w}{\ln(v)\pi}$	L	E	CDF	CD
18791	15642	1	$\frac{\ln(v)\pi}{Exp(u)w}$	L	E	CDF	CDI
18792	15643	1	$\frac{(Exp(u))^2 w^2}{(\ln(v))^2 \pi^2}$	L	E	CDF	AB
18793	15644	1	$\sqrt{\frac{Exp(u)w}{\ln(v)\pi}}$	L	E	CDF	R
18794	15645	1	$\frac{(Exp(u))^3 w^3}{(\ln(v))^3 \pi^3}$	L	E	CDF	K
18795	15646	1	$e^{\frac{Exp(u)w}{\ln(v)\pi}}$	L	E	CDF	E
18796	15647	1	$\log\left(\frac{Exp(u)w}{\ln(v)\pi}\right)$	L	E	CDF	L
18797	15648	1	$\arcsin\left(\frac{Exp(u)w}{\ln(v)\pi}\right)$	L	E	CDF	S
18798	15649	1	$\arctan\left(\frac{Exp(u)w}{\ln(v)\pi}\right)$	L	E	CDF	T
18799	15650	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - (Exp(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	L	E	CDF	P

18800	15651	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + (Exp(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	L	E	CDF	H
18801	15652	1	$\frac{Exp(u)}{\ln(v) w \pi}$	L	E	CDIF	CD
18802	15653	1	$\frac{\ln(v) w \pi}{Exp(u)}$	L	E	CDIF	CDI
18803	15654	1	$\frac{(Exp(u))^2}{(\ln(v))^2 w^2 \pi^2}$	L	E	CDIF	AB
18804	15655	1	$\sqrt{\frac{Exp(u)}{\ln(v) w \pi}}$	L	E	CDIF	R
18805	15656	1	$\frac{(Exp(u))^3}{(\ln(v))^3 w^3 \pi^3}$	L	E	CDIF	K
18806	15657	1	$e^{\frac{Exp(u)}{\ln(v) w \pi}}$	L	E	CDIF	E
18807	15658	1	$\log\left(\frac{Exp(u)}{\ln(v) w \pi}\right)$	L	E	CDIF	L
18808	15659	1	$\arcsin\left(\frac{Exp(u)}{\ln(v) w \pi}\right)$	L	E	CDIF	S
18809	15660	1	$\arctan\left(\frac{Exp(u)}{\ln(v) w \pi}\right)$	L	E	CDIF	T
18810	15661	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 - (Exp(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	L	E	CDIF	P
18811	15662	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + (Exp(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	L	E	CDIF	H
18812	15663	1	$\frac{Exp(u) \sqrt{w}}{\ln(v)}$	L	E	AB	CD
18813	15664	1	$\frac{\ln(v)}{Exp(u) \sqrt{w}}$	L	E	AB	CDI

18814	15665	1	$\frac{Exp(u) \sqrt{w} \pi}{\ln(v)}$	L	E	AB	CDF
18815	15666	1	$\frac{\ln(v)}{Exp(u) \sqrt{w} \pi}$	L	E	AB	CDIF
18816	15667	1	$\frac{(Exp(u))^2 w}{(\ln(v))^2}$	L	E	AB	AB
18817	15668	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{\ln(v)}}$	L	E	AB	R
18818	15669	1	$\frac{(Exp(u))^3 w^{3/2}}{(\ln(v))^3}$	L	E	AB	K
18819	15670	1	$e^{\frac{Exp(u) \sqrt{w}}{\ln(v)}}$	L	E	AB	E
18820	15671	1	$\log\left(\frac{Exp(u) \sqrt{w}}{\ln(v)}\right)$	L	E	AB	L
18821	15672	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{\ln(v)}\right)$	L	E	AB	S
18822	15673	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{\ln(v)}\right)$	L	E	AB	T
18823	15674	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 w}{(\ln(v))^2}}$	L	E	AB	P
18824	15675	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 w}{(\ln(v))^2}}$	L	E	AB	H
18825	15676	1	$\frac{Exp(u) w^2}{\ln(v)}$	L	E	R	CD
18826	15677	1	$\frac{\ln(v)}{Exp(u) w^2}$	L	E	R	CDI
18827	15678	1	$\frac{Exp(u) w^2 \pi}{\ln(v)}$	L	E	R	CDF
18828	15679	1	$\frac{\ln(v)}{Exp(u) w^2 \pi}$	L	E	R	CDIF

18829	15680	1	$\frac{(Exp(u))^2 w^4}{(\ln(v))^2}$	L	E	R	AB
18830	15681	1	$\sqrt{\frac{Exp(u) w^2}{\ln(v)}}$	L	E	R	R
18831	15682	1	$\frac{(Exp(u))^3 w^6}{(\ln(v))^3}$	L	E	R	K
18832	15683	1	$e^{\frac{Exp(u) w^2}{\ln(v)}}$	L	E	R	E
18833	15684	1	$\log\left(\frac{Exp(u) w^2}{\ln(v)}\right)$	L	E	R	L
18834	15685	1	$\arcsin\left(\frac{Exp(u) w^2}{\ln(v)}\right)$	L	E	R	S
18835	15686	1	$\arctan\left(\frac{Exp(u) w^2}{\ln(v)}\right)$	L	E	R	T
18836	15687	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 w^4}{(\ln(v))^2}}$	L	E	R	P
18837	15688	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 w^4}{(\ln(v))^2}}$	L	E	R	H
18838	15689	1	$\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}$	L	E	K	CD
18839	15690	1	$\frac{\ln(v)}{Exp(u) \sqrt[3]{w}}$	L	E	K	CDI
18840	15691	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{\ln(v)}$	L	E	K	CDF
18841	15692	1	$\frac{\ln(v)}{Exp(u) \sqrt[3]{w} \pi}$	L	E	K	CDIF
18842	15693	1	$\frac{(Exp(u))^2 w^{2/3}}{(\ln(v))^2}$	L	E	K	AB

18843	15694	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}}$	L	E	K	R
18844	15695	1	$\frac{(Exp(u))^3 w}{(\ln(v))^3}$	L	E	K	K
18845	15696	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}}$	L	E	K	E
18846	15697	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}\right)$	L	E	K	L
18847	15698	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}\right)$	L	E	K	S
18848	15699	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{\ln(v)}\right)$	L	E	K	T
18849	15700	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 w^{2/3}}{(\ln(v))^2}}$	L	E	K	P
18850	15701	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 w^{2/3}}{(\ln(v))^2}}$	L	E	K	H
18851	15702	1	$\frac{Exp(u) \ln(w)}{\ln(v)}$	L	E	E	CD
18852	15703	1	$\frac{\ln(v)}{Exp(u) \ln(w)}$	L	E	E	CDI
18853	15704	1	$\frac{Exp(u) \ln(w) \pi}{\ln(v)}$	L	E	E	CDF
18854	15705	1	$\frac{\ln(v)}{Exp(u) \ln(w) \pi}$	L	E	E	CDIF
18855	15706	1	$\frac{(Exp(u))^2 (\ln(w))^2}{(\ln(v))^2}$	L	E	E	AB
18856	15707	1	$\sqrt{\frac{Exp(u) \ln(w)}{\ln(v)}}$	L	E	E	R

18857	15708	1	$\frac{(Exp(u))^3 (\ln(w))^3}{(\ln(v))^3}$	L	E	E	K
18858	15709	1	$w^{\frac{Exp(u)}{\ln(v)}}$	L	E	E	E
18859	15710	1	$\log\left(\frac{Exp(u) \ln(w)}{\ln(v)}\right)$	L	E	E	L
18860	15711	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{\ln(v)}\right)$	L	E	E	S
18861	15712	1	$\arctan\left(\frac{Exp(u) \ln(w)}{\ln(v)}\right)$	L	E	E	T
18862	15713	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	L	E	E	P
18863	15714	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	L	E	E	H
18864	15715	1	$\frac{Exp(u) Exp(w)}{\ln(v)}$	L	E	L	CD
18865	15716	1	$\frac{\ln(v)}{Exp(u) Exp(w)}$	L	E	L	CDI
18866	15717	1	$\frac{Exp(u) Exp(w) \pi}{\ln(v)}$	L	E	L	CDF
18867	15718	1	$\frac{\ln(v)}{Exp(u) Exp(w) \pi}$	L	E	L	CDIF
18868	15719	1	$\frac{(Exp(u))^2 (Exp(w))^2}{(\ln(v))^2}$	L	E	L	AB
18869	15720	1	$\sqrt{\frac{Exp(u) Exp(w)}{\ln(v)}}$	L	E	L	R
18870	15721	1	$\frac{(Exp(u))^3 (Exp(w))^3}{(\ln(v))^3}$	L	E	L	K
18871	15722	1	$e^{\frac{Exp(u) Exp(w)}{\ln(v)}}$	L	E	L	E

18872	15723	1	$\log \left(\frac{Exp(u) Exp(w)}{\ln(v)} \right)$	L	E	L	L
18873	15724	1	$\arcsin \left(\frac{Exp(u) Exp(w)}{\ln(v)} \right)$	L	E	L	S
18874	15725	1	$\arctan \left(\frac{Exp(u) Exp(w)}{\ln(v)} \right)$	L	E	L	T
18875	15726	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 (Exp(w))^2}{(\ln(v))^2}}$	L	E	L	P
18876	15727	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 (Exp(w))^2}{(\ln(v))^2}}$	L	E	L	H
18877	15728	1	$\frac{Exp(u) \sin(w)}{\ln(v)}$	L	E	S	CD
18878	15729	1	$\frac{\ln(v)}{Exp(u) \sin(w)}$	L	E	S	CDI
18879	15730	1	$\frac{Exp(u) \sin(w) \pi}{\ln(v)}$	L	E	S	CDF
18880	15731	1	$\frac{\ln(v)}{Exp(u) \sin(w) \pi}$	L	E	S	CDIF
18881	15732	1	$\frac{(Exp(u))^2 (\sin(w))^2}{(\ln(v))^2}$	L	E	S	AB
18882	15733	1	$\sqrt{\frac{Exp(u) \sin(w)}{\ln(v)}}$	L	E	S	R
18883	15734	1	$\frac{(Exp(u))^3 (\sin(w))^3}{(\ln(v))^3}$	L	E	S	K
18884	15735	1	$e^{\frac{Exp(u) \sin(w)}{\ln(v)}}$	L	E	S	E
18885	15736	1	$\log \left(\frac{Exp(u) \sin(w)}{\ln(v)} \right)$	L	E	S	L

18886	15737	1	$\arcsin\left(\frac{\text{Exp}(u)\sin(w)}{\ln(v)}\right)$	L	E	S	S
18887	15738	1	$\arctan\left(\frac{\text{Exp}(u)\sin(w)}{\ln(v)}\right)$	L	E	S	T
18888	15739	1	$\sqrt{\frac{(\ln(v))^2 - (\text{Exp}(u))^2 + (\text{Exp}(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	L	E	S	P
18889	15740	1	$\sqrt{\frac{(\ln(v))^2 + (\text{Exp}(u))^2 - (\text{Exp}(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	L	E	S	H
18890	15741	1	$\frac{\text{Exp}(u)\tan(w)}{\ln(v)}$	L	E	T	CD
18891	15742	1	$\frac{\ln(v)}{\text{Exp}(u)\tan(w)}$	L	E	T	CDI
18892	15743	1	$\frac{\text{Exp}(u)\tan(w)\pi}{\ln(v)}$	L	E	T	CDF
18893	15744	1	$\frac{\ln(v)}{\text{Exp}(u)\tan(w)\pi}$	L	E	T	CDIF
18894	15745	1	$\frac{(\text{Exp}(u))^2 (\tan(w))^2}{(\ln(v))^2}$	L	E	T	AB
18895	15746	1	$\sqrt{\frac{\text{Exp}(u)\tan(w)}{\ln(v)}}$	L	E	T	R
18896	15747	1	$\frac{(\text{Exp}(u))^3 (\tan(w))^3}{(\ln(v))^3}$	L	E	T	K
18897	15748	1	$e^{\frac{\text{Exp}(u)\tan(w)}{\ln(v)}}$	L	E	T	E
18898	15749	1	$\log\left(\frac{\text{Exp}(u)\tan(w)}{\ln(v)}\right)$	L	E	T	L
18899	15750	1	$\arcsin\left(\frac{\text{Exp}(u)\tan(w)}{\ln(v)}\right)$	L	E	T	S
18900	15751	1	$\arctan\left(\frac{\text{Exp}(u)\tan(w)}{\ln(v)}\right)$	L	E	T	T

18901	15752	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 (\tan(w))^2}{(\ln(v))^2}}$	L	E	T	P
18902	15753	1	$\sqrt{\frac{(\ln(v))^2 + (Exp(u))^2 (\tan(w))^2}{(\ln(v))^2}}$	L	E	T	H
18903	15754	1	$\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}$	L	E	P	CD
18904	15755	1	$\frac{\ln(v)}{Exp(u) \sqrt{1-w^2}}$	L	E	P	CDI
18905	15756	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{\ln(v)}$	L	E	P	CDF
18906	15757	1	$\frac{\ln(v)}{Exp(u) \sqrt{1-w^2} \pi}$	L	E	P	CDIF
18907	15758	1	$-\frac{(Exp(u))^2 (-1+w^2)}{(\ln(v))^2}$	L	E	P	AB
18908	15759	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}}$	L	E	P	R
18909	15760	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{(\ln(v))^3}$	L	E	P	K
18910	15761	1	$e^{\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}}$	L	E	P	E
18911	15762	1	$\log\left(\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}\right)$	L	E	P	L
18912	15763	1	$\arcsin\left(\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}\right)$	L	E	P	S
18913	15764	1	$\arctan\left(\frac{Exp(u) \sqrt{1-w^2}}{\ln(v)}\right)$	L	E	P	T

18914	15765	1	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\ln(v))^2}}$	E	P	P	
18915	15765	2	$\sqrt{\frac{(\ln(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\ln(v))^2}}$	E	H	H	
18916	15766	1	$\sqrt{-\frac{(\ln(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\ln(v))^2}}$	E	P	H	
18917	15766	2	$\sqrt{-\frac{(\ln(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\ln(v))^2}}$	E	H	P	
18918	15767	1	$\frac{Exp(u) \sqrt{-1 + w^2}}{\ln(v)}$	L	E	H	CD
18919	15768	1	$\frac{\ln(v)}{Exp(u) \sqrt{-1 + w^2}}$	L	E	H	CDI
18920	15769	1	$\frac{Exp(u) \sqrt{-1 + w^2} \pi}{\ln(v)}$	L	E	H	CDF
18921	15770	1	$\frac{\ln(v)}{Exp(u) \sqrt{-1 + w^2} \pi}$	L	E	H	CDIF
18922	15771	1	$\frac{(Exp(u))^2 (-1 + w^2)}{(\ln(v))^2}$	L	E	H	AB
18923	15772	1	$\sqrt{\frac{Exp(u) \sqrt{-1 + w^2}}{\ln(v)}}$	L	E	H	R
18924	15773	1	$\frac{(Exp(u))^3 (-1 + w^2)^{3/2}}{(\ln(v))^3}$	L	E	H	K
18925	15774	1	$e^{\frac{Exp(u) \sqrt{-1 + w^2}}{\ln(v)}}$	L	E	H	E
18926	15775	1	$\log\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\ln(v)}\right)$	L	E	H	L
18927	15776	1	$\arcsin\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\ln(v)}\right)$	L	E	H	S

18928	15777	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	L	E	H	T
18929	15778	1	$\frac{\text{Exp}(u)w}{\text{Exp}(v)}$	L	L	CD	CD
18930	15778	2	$\frac{\text{Exp}(u)w}{\text{Exp}(v)}$	L	L	CDF	CDF
18931	15779	1	$\frac{\text{Exp}(v)}{\text{Exp}(u)w}$	L	L	CD	CDI
18932	15779	2	$\frac{\text{Exp}(v)}{\text{Exp}(u)w}$	L	L	CDF	CDIF
18933	15780	1	$\frac{\text{Exp}(u)w\pi}{\text{Exp}(v)}$	L	L	CD	CDF
18934	15781	1	$\frac{\text{Exp}(v)}{\text{Exp}(u)w\pi}$	L	L	CD	CDIF
18935	15782	1	$\frac{(\text{Exp}(u))^2 w^2}{(\text{Exp}(v))^2}$	L	L	CD	AB
18936	15783	1	$\sqrt{\frac{\text{Exp}(u)w}{\text{Exp}(v)}}$	L	L	CD	R
18937	15784	1	$\frac{(\text{Exp}(u))^3 w^3}{(\text{Exp}(v))^3}$	L	L	CD	K
18938	15785	1	$e^{\frac{\text{Exp}(u)w}{\text{Exp}(v)}}$	L	L	CD	E
18939	15786	1	$\log\left(\frac{\text{Exp}(u)w}{\text{Exp}(v)}\right)$	L	L	CD	L
18940	15787	1	$\arcsin\left(\frac{\text{Exp}(u)w}{\text{Exp}(v)}\right)$	L	L	CD	S
18941	15788	1	$\arctan\left(\frac{\text{Exp}(u)w}{\text{Exp}(v)}\right)$	L	L	CD	T
18942	15789	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + (\text{Exp}(u))^2 w^2}{(\text{Exp}(v))^2}}$	L	L	CD	P

18943	15790	1	$\sqrt{\frac{(Exp(v))^2 + (Exp(u))^2 w^2}{(Exp(v))^2}}$	L	L	CD	H
18944	15791	1	$\frac{Exp(u)}{Exp(v) w}$	L	L	CDI	CD
18945	15791	2	$\frac{Exp(u)}{Exp(v) w}$	L	L	CDIF	CDF
18946	15792	1	$\frac{Exp(v) w}{Exp(u)}$	L	L	CDI	CDI
18947	15792	2	$\frac{Exp(v) w}{Exp(u)}$	L	L	CDIF	CDIF
18948	15793	1	$\frac{Exp(u) \pi}{Exp(v) w}$	L	L	CDI	CDF
18949	15794	1	$\frac{Exp(v) w}{Exp(u) \pi}$	L	L	CDI	CDIF
18950	15795	1	$\frac{(Exp(u))^2}{(Exp(v))^2 w^2}$	L	L	CDI	AB
18951	15796	1	$\sqrt{\frac{Exp(u)}{Exp(v) w}}$	L	L	CDI	R
18952	15797	1	$\frac{(Exp(u))^3}{(Exp(v))^3 w^3}$	L	L	CDI	K
18953	15798	1	$e^{\frac{Exp(u)}{Exp(v) w}}$	L	L	CDI	E
18954	15799	1	$\log\left(\frac{Exp(u)}{Exp(v) w}\right)$	L	L	CDI	L
18955	15800	1	$\arcsin\left(\frac{Exp(u)}{Exp(v) w}\right)$	L	L	CDI	S
18956	15801	1	$\arctan\left(\frac{Exp(u)}{Exp(v) w}\right)$	L	L	CDI	T
18957	15802	1	$\sqrt{\frac{(Exp(v))^2 w^2 - (Exp(u))^2}{(Exp(v))^2 w^2}}$	L	L	CDI	P

18958	15803	1	$\sqrt{\frac{(Exp(v))^2 w^2 + (Exp(u))^2}{(Exp(v))^2 w^2}}$	L	L	CDI	H
18959	15804	1	$\frac{Exp(u) w}{Exp(v) \pi}$	L	L	CDF	CD
18960	15805	1	$\frac{Exp(v) \pi}{Exp(u) w}$	L	L	CDF	CDI
18961	15806	1	$\frac{(Exp(u))^2 w^2}{(Exp(v))^2 \pi^2}$	L	L	CDF	AB
18962	15807	1	$\sqrt{\frac{Exp(u) w}{Exp(v) \pi}}$	L	L	CDF	R
18963	15808	1	$\frac{(Exp(u))^3 w^3}{(Exp(v))^3 \pi^3}$	L	L	CDF	K
18964	15809	1	$e^{\frac{Exp(u) w}{Exp(v) \pi}}$	L	L	CDF	E
18965	15810	1	$\log\left(\frac{Exp(u) w}{Exp(v) \pi}\right)$	L	L	CDF	L
18966	15811	1	$\arcsin\left(\frac{Exp(u) w}{Exp(v) \pi}\right)$	L	L	CDF	S
18967	15812	1	$\arctan\left(\frac{Exp(u) w}{Exp(v) \pi}\right)$	L	L	CDF	T
18968	15813	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 - (Exp(u))^2 w^2}{(Exp(v))^2 \pi^2}}$	L	L	CDF	P
18969	15814	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + (Exp(u))^2 w^2}{(Exp(v))^2 \pi^2}}$	L	L	CDF	H
18970	15815	1	$\frac{Exp(u)}{Exp(v) w \pi}$	L	L	CDIF	CD
18971	15816	1	$\frac{Exp(v) w \pi}{Exp(u)}$	L	L	CDIF	CDI

18972	15817	1	$\frac{(Exp(u))^2}{(Exp(v))^2 w^2 \pi^2}$	L	L	CDIF	AB
18973	15818	1	$\sqrt{\frac{Exp(u)}{Exp(v) w \pi}}$	L	L	CDIF	R
18974	15819	1	$\frac{(Exp(u))^3}{(Exp(v))^3 w^3 \pi^3}$	L	L	CDIF	K
18975	15820	1	$e^{\frac{Exp(u)}{Exp(v) w \pi}}$	L	L	CDIF	E
18976	15821	1	$\log\left(\frac{Exp(u)}{Exp(v) w \pi}\right)$	L	L	CDIF	L
18977	15822	1	$\arcsin\left(\frac{Exp(u)}{Exp(v) w \pi}\right)$	L	L	CDIF	S
18978	15823	1	$\arctan\left(\frac{Exp(u)}{Exp(v) w \pi}\right)$	L	L	CDIF	T
18979	15824	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - (Exp(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	L	L	CDIF	P
18980	15825	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + (Exp(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	L	L	CDIF	H
18981	15826	1	$\frac{Exp(u) \sqrt{w}}{Exp(v)}$	L	L	AB	CD
18982	15827	1	$\frac{Exp(v)}{Exp(u) \sqrt{w}}$	L	L	AB	CDI
18983	15828	1	$\frac{Exp(u) \sqrt{w} \pi}{Exp(v)}$	L	L	AB	CDF
18984	15829	1	$\frac{Exp(v)}{Exp(u) \sqrt{w} \pi}$	L	L	AB	CDIF
18985	15830	1	$\frac{(Exp(u))^2 w}{(Exp(v))^2}$	L	L	AB	AB

18986	15831	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{Exp(v)}}$	L	L	AB	R
18987	15832	1	$\frac{(Exp(u))^3 w^{3/2}}{(Exp(v))^3}$	L	L	AB	K
18988	15833	1	$e^{\frac{Exp(u) \sqrt{w}}{Exp(v)}}$	L	L	AB	E
18989	15834	1	$\log\left(\frac{Exp(u) \sqrt{w}}{Exp(v)}\right)$	L	L	AB	L
18990	15835	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{Exp(v)}\right)$	L	L	AB	S
18991	15836	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{Exp(v)}\right)$	L	L	AB	T
18992	15837	1	$\sqrt{-\frac{(Exp(v))^2 + (Exp(u))^2 w}{(Exp(v))^2}}$	L	L	AB	P
18993	15838	1	$\sqrt{\frac{(Exp(v))^2 + (Exp(u))^2 w}{(Exp(v))^2}}$	L	L	AB	H
18994	15839	1	$\frac{Exp(u) w^2}{Exp(v)}$	L	L	R	CD
18995	15840	1	$\frac{Exp(v)}{Exp(u) w^2}$	L	L	R	CDI
18996	15841	1	$\frac{Exp(u) w^2 \pi}{Exp(v)}$	L	L	R	CDF
18997	15842	1	$\frac{Exp(v)}{Exp(u) w^2 \pi}$	L	L	R	CDIF
18998	15843	1	$\frac{(Exp(u))^2 w^4}{(Exp(v))^2}$	L	L	R	AB
18999	15844	1	$\sqrt{\frac{Exp(u) w^2}{Exp(v)}}$	L	L	R	R

19000	15845	1	$\frac{(Exp(u))^3 w^6}{(Exp(v))^3}$	L	L	R	K
19001	15846	1	$e^{\frac{Exp(u)w^2}{Exp(v)}}$	L	L	R	E
19002	15847	1	$\log\left(\frac{Exp(u)w^2}{Exp(v)}\right)$	L	L	R	L
19003	15848	1	$\arcsin\left(\frac{Exp(u)w^2}{Exp(v)}\right)$	L	L	R	S
19004	15849	1	$\arctan\left(\frac{Exp(u)w^2}{Exp(v)}\right)$	L	L	R	T
19005	15850	1	$\sqrt{-\frac{(Exp(v))^2 + (Exp(u))^2 w^4}{(Exp(v))^2}}$	L	L	R	P
19006	15851	1	$\sqrt{\frac{(Exp(v))^2 + (Exp(u))^2 w^4}{(Exp(v))^2}}$	L	L	R	H
19007	15852	1	$\frac{Exp(u) \sqrt[3]{w}}{Exp(v)}$	L	L	K	CD
19008	15853	1	$\frac{Exp(v)}{Exp(u) \sqrt[3]{w}}$	L	L	K	CDI
19009	15854	1	$\frac{Exp(u) \sqrt[3]{w}\pi}{Exp(v)}$	L	L	K	CDF
19010	15855	1	$\frac{Exp(v)}{Exp(u) \sqrt[3]{w}\pi}$	L	L	K	CDIF
19011	15856	1	$\frac{(Exp(u))^2 w^{2/3}}{(Exp(v))^2}$	L	L	K	AB
19012	15857	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{Exp(v)}}$	L	L	K	R
19013	15858	1	$\frac{(Exp(u))^3 w}{(Exp(v))^3}$	L	L	K	K
19014	15859	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{Exp(v)}}$	L	L	K	E

19015	15860	1	$\log \left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	L	L	K	L
19016	15861	1	$\arcsin \left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	L	L	K	S
19017	15862	1	$\arctan \left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\text{Exp}(v)} \right)$	L	L	K	T
19018	15863	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + (\text{Exp}(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	L	L	K	P
19019	15864	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\text{Exp}(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	L	L	K	H
19020	15865	1	$\frac{\text{Exp}(u) \ln(w)}{\text{Exp}(v)}$	L	L	E	CD
19021	15866	1	$\frac{\text{Exp}(v)}{\text{Exp}(u) \ln(w)}$	L	L	E	CDI
19022	15867	1	$\frac{\text{Exp}(u) \ln(w) \pi}{\text{Exp}(v)}$	L	L	E	CDF
19023	15868	1	$\frac{\text{Exp}(v)}{\text{Exp}(u) \ln(w) \pi}$	L	L	E	CDIF
19024	15869	1	$\frac{(\text{Exp}(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}$	L	L	E	AB
19025	15870	1	$\sqrt{\frac{\text{Exp}(u) \ln(w)}{\text{Exp}(v)}}$	L	L	E	R
19026	15871	1	$\frac{(\text{Exp}(u))^3 (\ln(w))^3}{(\text{Exp}(v))^3}$	L	L	E	K
19027	15872	1	$w^{\frac{\text{Exp}(u)}{\text{Exp}(v)}}$	L	L	E	E
19028	15873	1	$\log \left(\frac{\text{Exp}(u) \ln(w)}{\text{Exp}(v)} \right)$	L	L	E	L

19029	15874	1	$\arcsin\left(\frac{\text{Exp}(u)\ln(w)}{\text{Exp}(v)}\right)$	L	L	E	S
19030	15875	1	$\arctan\left(\frac{\text{Exp}(u)\ln(w)}{\text{Exp}(v)}\right)$	L	L	E	T
19031	15876	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + (\text{Exp}(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	L	E	P	
19032	15877	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\text{Exp}(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	L	E	H	
19033	15878	1	$\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}$	L	L	L	CD
19034	15879	1	$\frac{\text{Exp}(v)}{\text{Exp}(u)\text{Exp}(w)}$	L	L	L	CDI
19035	15880	1	$\frac{\text{Exp}(u)\text{Exp}(w)\pi}{\text{Exp}(v)}$	L	L	L	CDF
19036	15881	1	$\frac{\text{Exp}(v)}{\text{Exp}(u)\text{Exp}(w)\pi}$	L	L	L	CDIF
19037	15882	1	$\frac{(\text{Exp}(u))^2 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}$	L	L	L	AB
19038	15883	1	$\sqrt{\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}}$	L	L	L	R
19039	15884	1	$\frac{(\text{Exp}(u))^3 (\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	L	L	L	K
19040	15885	1	$e^{\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}}$	L	L	L	E
19041	15886	1	$\log\left(\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	L	L	L	L
19042	15887	1	$\arcsin\left(\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	L	L	L	S
19043	15888	1	$\arctan\left(\frac{\text{Exp}(u)\text{Exp}(w)}{\text{Exp}(v)}\right)$	L	L	L	T

19044	15889	1	$\sqrt{-\frac{(Exp(v))^2 + (Exp(u))^2 (Exp(w))^2}{(Exp(v))^2}}$	L	L	P
19045	15890	1	$\sqrt{\frac{(Exp(v))^2 + (Exp(u))^2 (Exp(w))^2}{(Exp(v))^2}}$	L	L	H
19046	15891	1	$\frac{Exp(u) \sin(w)}{Exp(v)}$	L	L	CD
19047	15892	1	$\frac{Exp(v)}{Exp(u) \sin(w)}$	L	L	CDI
19048	15893	1	$\frac{Exp(u) \sin(w) \pi}{Exp(v)}$	L	L	CDF
19049	15894	1	$\frac{Exp(v)}{Exp(u) \sin(w) \pi}$	L	L	CDIF
19050	15895	1	$\frac{(Exp(u))^2 (\sin(w))^2}{(Exp(v))^2}$	L	L	AB
19051	15896	1	$\sqrt{\frac{Exp(u) \sin(w)}{Exp(v)}}$	L	L	R
19052	15897	1	$\frac{(Exp(u))^3 (\sin(w))^3}{(Exp(v))^3}$	L	L	K
19053	15898	1	$e^{\frac{Exp(u) \sin(w)}{Exp(v)}}$	L	L	E
19054	15899	1	$\log\left(\frac{Exp(u) \sin(w)}{Exp(v)}\right)$	L	L	L
19055	15900	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{Exp(v)}\right)$	L	L	S
19056	15901	1	$\arctan\left(\frac{Exp(u) \sin(w)}{Exp(v)}\right)$	L	L	T
19057	15902	1	$\sqrt{\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{(Exp(v))^2}}$	L	S	P

19058	15903	1	$\sqrt{-\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{(Exp(v))^2}}$	L	L	S	H
19059	15904	1	$\frac{Exp(u) \tan(w)}{Exp(v)}$	L	L	T	CD
19060	15905	1	$\frac{Exp(v)}{Exp(u) \tan(w)}$	L	L	T	CDI
19061	15906	1	$\frac{Exp(u) \tan(w) \pi}{Exp(v)}$	L	L	T	CDF
19062	15907	1	$\frac{Exp(v)}{Exp(u) \tan(w) \pi}$	L	L	T	CDIF
19063	15908	1	$\frac{(Exp(u))^2 (\tan(w))^2}{(Exp(v))^2}$	L	L	T	AB
19064	15909	1	$\sqrt{\frac{Exp(u) \tan(w)}{Exp(v)}}$	L	L	T	R
19065	15910	1	$\frac{(Exp(u))^3 (\tan(w))^3}{(Exp(v))^3}$	L	L	T	K
19066	15911	1	$e^{\frac{Exp(u) \tan(w)}{Exp(v)}}$	L	L	T	E
19067	15912	1	$\log\left(\frac{Exp(u) \tan(w)}{Exp(v)}\right)$	L	L	T	L
19068	15913	1	$\arcsin\left(\frac{Exp(u) \tan(w)}{Exp(v)}\right)$	L	L	T	S
19069	15914	1	$\arctan\left(\frac{Exp(u) \tan(w)}{Exp(v)}\right)$	L	L	T	T
19070	15915	1	$\sqrt{-\frac{(Exp(v))^2 + (Exp(u))^2 (\tan(w))^2}{(Exp(v))^2}}$	L	L	T	P
19071	15916	1	$\sqrt{\frac{(Exp(v))^2 + (Exp(u))^2 (\tan(w))^2}{(Exp(v))^2}}$	L	L	T	H

19072	15917	1	$\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)}$	L	L	P	CD
19073	15918	1	$\frac{Exp(v)}{Exp(u) \sqrt{1-w^2}}$	L	L	P	CDI
19074	15919	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{Exp(v)}$	L	L	P	CDF
19075	15920	1	$\frac{Exp(v)}{Exp(u) \sqrt{1-w^2} \pi}$	L	L	P	CDIF
19076	15921	1	$-\frac{(Exp(u))^2 (-1+w^2)}{(Exp(v))^2}$	L	L	P	AB
19077	15922	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)}}$	L	L	P	R
19078	15923	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{(Exp(v))^3}$	L	L	P	K
19079	15924	1	$e^{\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)}}$	L	L	P	E
19080	15925	1	$\log \left(\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)} \right)$	L	L	P	L
19081	15926	1	$\arcsin \left(\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)} \right)$	L	L	P	S
19082	15927	1	$\arctan \left(\frac{Exp(u) \sqrt{1-w^2}}{Exp(v)} \right)$	L	L	P	T
19083	15928	1	$\sqrt{\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(Exp(v))^2}}$	L	L	P	P
19084	15928	2	$\sqrt{\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(Exp(v))^2}}$	L	L	H	H
19085	15929	1	$\sqrt{-\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(Exp(v))^2}}$	L	L	P	H

19086	15929	2	$\sqrt{-\frac{(Exp(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(Exp(v))^2}}$	L	L	H	P
19087	15930	1	$\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}$	L	L	H	CD
19088	15931	1	$\frac{Exp(v)}{Exp(u) \sqrt{-1+w^2}}$	L	L	H	CDI
19089	15932	1	$\frac{Exp(u) \sqrt{-1+w^2} \pi}{Exp(v)}$	L	L	H	CDF
19090	15933	1	$\frac{Exp(v)}{Exp(u) \sqrt{-1+w^2} \pi}$	L	L	H	CDIF
19091	15934	1	$\frac{(Exp(u))^2 (-1+w^2)}{(Exp(v))^2}$	L	L	H	AB
19092	15935	1	$\sqrt{\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}}$	L	L	H	R
19093	15936	1	$\frac{(Exp(u))^3 (-1+w^2)^{3/2}}{(Exp(v))^3}$	L	L	H	K
19094	15937	1	$e^{\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}}$	L	L	H	E
19095	15938	1	$\log\left(\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	L	L	H	L
19096	15939	1	$\arcsin\left(\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	L	L	H	S
19097	15940	1	$\arctan\left(\frac{Exp(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	L	L	H	T
19098	15941	1	$\frac{Exp(u) w}{\sin(v)}$	L	S	CD	CD
19099	15941	2	$\frac{Exp(u) w}{\sin(v)}$	L	S	CDF	CDF

19100	15942	1	$\frac{\sin(v)}{\text{Exp}(u) w}$	L	S	CD	CDI
19101	15942	2	$\frac{\sin(v)}{\text{Exp}(u) w}$	L	S	CDF	CDIF
19102	15943	1	$\frac{\text{Exp}(u) w \pi}{\sin(v)}$	L	S	CD	CDF
19103	15944	1	$\frac{\sin(v)}{\text{Exp}(u) w \pi}$	L	S	CD	CDIF
19104	15945	1	$\frac{(\text{Exp}(u))^2 w^2}{(\sin(v))^2}$	L	S	CD	AB
19105	15946	1	$\sqrt{\frac{\text{Exp}(u) w}{\sin(v)}}$	L	S	CD	R
19106	15947	1	$\frac{(\text{Exp}(u))^3 w^3}{(\sin(v))^3}$	L	S	CD	K
19107	15948	1	$e^{\frac{\text{Exp}(u) w}{\sin(v)}}$	L	S	CD	E
19108	15949	1	$\log\left(\frac{\text{Exp}(u) w}{\sin(v)}\right)$	L	S	CD	L
19109	15950	1	$\arcsin\left(\frac{\text{Exp}(u) w}{\sin(v)}\right)$	L	S	CD	S
19110	15951	1	$\arctan\left(\frac{\text{Exp}(u) w}{\sin(v)}\right)$	L	S	CD	T
19111	15952	1	$\sqrt{-\frac{1 + (\cos(v))^2 + (\text{Exp}(u))^2 w^2}{(\sin(v))^2}}$	L	S	CD	P
19112	15953	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\text{Exp}(u))^2 w^2}{(\sin(v))^2}}$	L	S	CD	H
19113	15954	1	$\frac{\text{Exp}(u)}{\sin(v) w}$	L	S	CDI	CD
19114	15954	2	$\frac{\text{Exp}(u)}{\sin(v) w}$	L	S	CDIF	CDF

19115	15955	1	$\frac{\sin(v) w}{Exp(u)}$	L	S	CDI	CDI
19116	15955	2	$\frac{\sin(v) w}{Exp(u)}$	L	S	CDIF	CDIF
19117	15956	1	$\frac{Exp(u) \pi}{\sin(v) w}$	L	S	CDI	CDF
19118	15957	1	$\frac{\sin(v) w}{Exp(u) \pi}$	L	S	CDI	CDIF
19119	15958	1	$\frac{(Exp(u))^2}{(\sin(v))^2 w^2}$	L	S	CDI	AB
19120	15959	1	$\sqrt{\frac{Exp(u)}{\sin(v) w}}$	L	S	CDI	R
19121	15960	1	$\frac{(Exp(u))^3}{(\sin(v))^3 w^3}$	L	S	CDI	K
19122	15961	1	$e^{\frac{Exp(u)}{\sin(v) w}}$	L	S	CDI	E
19123	15962	1	$\log\left(\frac{Exp(u)}{\sin(v) w}\right)$	L	S	CDI	L
19124	15963	1	$\arcsin\left(\frac{Exp(u)}{\sin(v) w}\right)$	L	S	CDI	S
19125	15964	1	$\arctan\left(\frac{Exp(u)}{\sin(v) w}\right)$	L	S	CDI	T
19126	15965	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 + (Exp(u))^2}{(\sin(v))^2 w^2}}$	L	S	CDI	P
19127	15966	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 - (Exp(u))^2}{(\sin(v))^2 w^2}}$	L	S	CDI	H
19128	15967	1	$\frac{Exp(u) w}{\sin(v) \pi}$	L	S	CDF	CD
19129	15968	1	$\frac{\sin(v) \pi}{Exp(u) w}$	L	S	CDF	CDI

19130	15969	1	$\frac{(Exp(u))^2 w^2}{(\sin(v))^2 \pi^2}$	L	S	CDF	AB
19131	15970	1	$\sqrt{\frac{Exp(u) w}{\sin(v) \pi}}$	L	S	CDF	R
19132	15971	1	$\frac{(Exp(u))^3 w^3}{(\sin(v))^3 \pi^3}$	L	S	CDF	K
19133	15972	1	$e^{\frac{Exp(u) w}{\sin(v) \pi}}$	L	S	CDF	E
19134	15973	1	$\log\left(\frac{Exp(u) w}{\sin(v) \pi}\right)$	L	S	CDF	L
19135	15974	1	$\arcsin\left(\frac{Exp(u) w}{\sin(v) \pi}\right)$	L	S	CDF	S
19136	15975	1	$\arctan\left(\frac{Exp(u) w}{\sin(v) \pi}\right)$	L	S	CDF	T
19137	15976	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 + (Exp(u))^2 w^2}{(\sin(v))^2 \pi^2}}$	L	S	CDF	P
19138	15977	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - (Exp(u))^2 w^2}{(\sin(v))^2 \pi^2}}$	L	S	CDF	H
19139	15978	1	$\frac{Exp(u)}{\sin(v) w \pi}$	L	S	CDIF	CD
19140	15979	1	$\frac{\sin(v) w \pi}{Exp(u)}$	L	S	CDIF	CDI
19141	15980	1	$\frac{(Exp(u))^2}{(\sin(v))^2 w^2 \pi^2}$	L	S	CDIF	AB
19142	15981	1	$\sqrt{\frac{Exp(u)}{\sin(v) w \pi}}$	L	S	CDIF	R
19143	15982	1	$\frac{(Exp(u))^3}{(\sin(v))^3 w^3 \pi^3}$	L	S	CDIF	K

19144	15983	1	$e^{\frac{Exp(u)}{\sin(v)w\pi}}$	L	S	CDIF	E
19145	15984	1	$\log\left(\frac{Exp(u)}{\sin(v)w\pi}\right)$	L	S	CDIF	L
19146	15985	1	$\arcsin\left(\frac{Exp(u)}{\sin(v)w\pi}\right)$	L	S	CDIF	S
19147	15986	1	$\arctan\left(\frac{Exp(u)}{\sin(v)w\pi}\right)$	L	S	CDIF	T
19148	15987	1	$\sqrt{-\frac{-w^2\pi^2 + w^2\pi^2(\cos(v))^2 + (Exp(u))^2}{(\sin(v))^2 w^2\pi^2}}$	L	S	CDIF	P
19149	15988	1	$\sqrt{-\frac{-w^2\pi^2 + w^2\pi^2(\cos(v))^2 - (Exp(u))^2}{(\sin(v))^2 w^2\pi^2}}$	L	S	CDIF	H
19150	15989	1	$\frac{Exp(u)\sqrt{w}}{\sin(v)}$	L	S	AB	CD
19151	15990	1	$\frac{\sin(v)}{Exp(u)\sqrt{w}}$	L	S	AB	CDI
19152	15991	1	$\frac{Exp(u)\sqrt{w}\pi}{\sin(v)}$	L	S	AB	CDF
19153	15992	1	$\frac{\sin(v)}{Exp(u)\sqrt{w}\pi}$	L	S	AB	CDIF
19154	15993	1	$\frac{(Exp(u))^2 w}{(\sin(v))^2}$	L	S	AB	AB
19155	15994	1	$\sqrt{\frac{Exp(u)\sqrt{w}}{\sin(v)}}$	L	S	AB	R
19156	15995	1	$\frac{(Exp(u))^3 w^{3/2}}{(\sin(v))^3}$	L	S	AB	K
19157	15996	1	$e^{\frac{Exp(u)\sqrt{w}}{\sin(v)}}$	L	S	AB	E
19158	15997	1	$\log\left(\frac{Exp(u)\sqrt{w}}{\sin(v)}\right)$	L	S	AB	L

19159	15998	1	$\arcsin\left(\frac{\text{Exp}(u)\sqrt{w}}{\sin(v)}\right)$	L	S	AB	S
19160	15999	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{w}}{\sin(v)}\right)$	L	S	AB	T
19161	16000	1	$\sqrt{-\frac{-1+(\cos(v))^2+(\text{Exp}(u))^2w}{(\sin(v))^2}}$	L	S	AB	P
19162	16001	1	$\sqrt{\frac{1-(\cos(v))^2+(\text{Exp}(u))^2w}{(\sin(v))^2}}$	L	S	AB	H
19163	16002	1	$\frac{\text{Exp}(u)w^2}{\sin(v)}$	L	S	R	CD
19164	16003	1	$\frac{\sin(v)}{\text{Exp}(u)w^2}$	L	S	R	CDI
19165	16004	1	$\frac{\text{Exp}(u)w^2\pi}{\sin(v)}$	L	S	R	CDF
19166	16005	1	$\frac{\sin(v)}{\text{Exp}(u)w^2\pi}$	L	S	R	CDIF
19167	16006	1	$\frac{(\text{Exp}(u))^2w^4}{(\sin(v))^2}$	L	S	R	AB
19168	16007	1	$\sqrt{\frac{\text{Exp}(u)w^2}{\sin(v)}}$	L	S	R	R
19169	16008	1	$\frac{(\text{Exp}(u))^3w^6}{(\sin(v))^3}$	L	S	R	K
19170	16009	1	$e^{\frac{\text{Exp}(u)w^2}{\sin(v)}}$	L	S	R	E
19171	16010	1	$\log\left(\frac{\text{Exp}(u)w^2}{\sin(v)}\right)$	L	S	R	L
19172	16011	1	$\arcsin\left(\frac{\text{Exp}(u)w^2}{\sin(v)}\right)$	L	S	R	S

19173	16012	1	$\arctan\left(\frac{\text{Exp}(u) w^2}{\sin(v)}\right)$	L	S	R	T
19174	16013	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\text{Exp}(u))^2 w^4}{(\sin(v))^2}}$	L	S	R	P
19175	16014	1	$\sqrt{\frac{1 - (\cos(v))^2 + (\text{Exp}(u))^2 w^4}{(\sin(v))^2}}$	L	S	R	H
19176	16015	1	$\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}$	L	S	K	CD
19177	16016	1	$\frac{\sin(v)}{\text{Exp}(u) \sqrt[3]{w}}$	L	S	K	CDI
19178	16017	1	$\frac{\text{Exp}(u) \sqrt[3]{w} \pi}{\sin(v)}$	L	S	K	CDF
19179	16018	1	$\frac{\sin(v)}{\text{Exp}(u) \sqrt[3]{w} \pi}$	L	S	K	CDIF
19180	16019	1	$\frac{(\text{Exp}(u))^2 w^{2/3}}{(\sin(v))^2}$	L	S	K	AB
19181	16020	1	$\sqrt{\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}}$	L	S	K	R
19182	16021	1	$\frac{(\text{Exp}(u))^3 w}{(\sin(v))^3}$	L	S	K	K
19183	16022	1	$e^{\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}}$	L	S	K	E
19184	16023	1	$\log\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}\right)$	L	S	K	L
19185	16024	1	$\arcsin\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}\right)$	L	S	K	S
19186	16025	1	$\arctan\left(\frac{\text{Exp}(u) \sqrt[3]{w}}{\sin(v)}\right)$	L	S	K	T

19187	16026	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (Exp(u))^2 w^{2/3}}{(\sin(v))^2}} \mathbf{L}$	S	K	P
19188	16027	1	$\sqrt{\frac{1 - (\cos(v))^2 + (Exp(u))^2 w^{2/3}}{(\sin(v))^2}} \mathbf{L}$	S	K	H
19189	16028	1	$\frac{Exp(u) \ln(w)}{\sin(v)} \mathbf{L}$	S	E	CD
19190	16029	1	$\frac{\sin(v)}{Exp(u) \ln(w)} \mathbf{L}$	S	E	CDI
19191	16030	1	$\frac{Exp(u) \ln(w) \pi}{\sin(v)} \mathbf{L}$	S	E	CDF
19192	16031	1	$\frac{\sin(v)}{Exp(u) \ln(w) \pi} \mathbf{L}$	S	E	CDIF
19193	16032	1	$\frac{(Exp(u))^2 (\ln(w))^2}{(\sin(v))^2} \mathbf{L}$	S	E	AB
19194	16033	1	$\sqrt{\frac{Exp(u) \ln(w)}{\sin(v)}} \mathbf{L}$	S	E	R
19195	16034	1	$\frac{(Exp(u))^3 (\ln(w))^3}{(\sin(v))^3} \mathbf{L}$	S	E	K
19196	16035	1	$w^{\frac{Exp(u)}{\sin(v)}} \mathbf{L}$	S	E	E
19197	16036	1	$\log\left(\frac{Exp(u) \ln(w)}{\sin(v)}\right) \mathbf{L}$	S	E	L
19198	16037	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{\sin(v)}\right) \mathbf{L}$	S	E	S
19199	16038	1	$\arctan\left(\frac{Exp(u) \ln(w)}{\sin(v)}\right) \mathbf{L}$	S	E	T
19200	16039	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (Exp(u))^2 (\ln(w))^2}{(\sin(v))^2}} \mathbf{L}$	S	E	P

19201	16040	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (Exp(u))^2 (\ln(w))^2}{(\sin(v))^2}}$	L	S	E	H
19202	16041	1	$\frac{Exp(u) Exp(w)}{\sin(v)}$	L	S	L	CD
19203	16042	1	$\frac{\sin(v)}{Exp(u) Exp(w)}$	L	S	L	CDI
19204	16043	1	$\frac{Exp(u) Exp(w) \pi}{\sin(v)}$	L	S	L	CDF
19205	16044	1	$\frac{\sin(v)}{Exp(u) Exp(w) \pi}$	L	S	L	CDIF
19206	16045	1	$\frac{(Exp(u))^2 (Exp(w))^2}{(\sin(v))^2}$	L	S	L	AB
19207	16046	1	$\sqrt{\frac{Exp(u) Exp(w)}{\sin(v)}}$	L	S	L	R
19208	16047	1	$\frac{(Exp(u))^3 (Exp(w))^3}{(\sin(v))^3}$	L	S	L	K
19209	16048	1	$e^{\frac{Exp(u) Exp(w)}{\sin(v)}}$	L	S	L	E
19210	16049	1	$\log\left(\frac{Exp(u) Exp(w)}{\sin(v)}\right)$	L	S	L	L
19211	16050	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{\sin(v)}\right)$	L	S	L	S
19212	16051	1	$\arctan\left(\frac{Exp(u) Exp(w)}{\sin(v)}\right)$	L	S	L	T
19213	16052	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (Exp(u))^2 (Exp(w))^2}{(\sin(v))^2}}$	L	S	L	P
19214	16053	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (Exp(u))^2 (Exp(w))^2}{(\sin(v))^2}}$	L	S	L	H

19215	16054	1	$\frac{Exp(u) \sin(w)}{\sin(v)}$	L	S	S	CD
19216	16055	1	$\frac{\sin(v)}{Exp(u) \sin(w)}$	L	S	S	CDI
19217	16056	1	$\frac{Exp(u) \sin(w) \pi}{\sin(v)}$	L	S	S	CDF
19218	16057	1	$\frac{\sin(v)}{Exp(u) \sin(w) \pi}$	L	S	S	CDIF
19219	16058	1	$\frac{(Exp(u))^2 (\sin(w))^2}{(\sin(v))^2}$	L	S	S	AB
19220	16059	1	$\sqrt{\frac{Exp(u) \sin(w)}{\sin(v)}}$	L	S	S	R
19221	16060	1	$\frac{(Exp(u))^3 (\sin(w))^3}{(\sin(v))^3}$	L	S	S	K
19222	16061	1	$e^{\frac{Exp(u) \sin(w)}{\sin(v)}}$	L	S	S	E
19223	16062	1	$\log\left(\frac{Exp(u) \sin(w)}{\sin(v)}\right)$	L	S	S	L
19224	16063	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{\sin(v)}\right)$	L	S	S	S
19225	16064	1	$\arctan\left(\frac{Exp(u) \sin(w)}{\sin(v)}\right)$	L	S	S	T
19226	16065	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{(\sin(v))^2}}$	L	S	S	P
19227	16066	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{(\sin(v))^2}}$	L	S	S	H
19228	16067	1	$\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}$	L	S	T	CD
19229	16068	1	$\frac{\sin(v) \cos(w)}{Exp(u) \sin(w)}$	L	S	T	CDI

19230	16069	1	$\frac{Exp(u) \sin(w) \pi}{\sin(v) \cos(w)}$	L	S	T	CDF
19231	16070	1	$\frac{\sin(v) \cos(w)}{Exp(u) \sin(w) \pi}$	L	S	T	CDIF
19232	16071	1	$\frac{(Exp(u))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	L	S	T	AB
19233	16072	1	$\sqrt{\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}}$	L	S	T	R
19234	16073	1	$\frac{(Exp(u))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	L	S	T	K
19235	16074	1	$e^{\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}}$	L	S	T	E
19236	16075	1	$\log\left(\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}\right)$	L	S	T	L
19237	16076	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}\right)$	L	S	T	S
19238	16077	1	$\arctan\left(\frac{Exp(u) \sin(w)}{\sin(v) \cos(w)}\right)$	L	S	T	T
19239	16078	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	L	S	T	P
19240	16079	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	L	S	T	H
19241	16080	1	$\frac{Exp(u) \sqrt{1-w^2}}{\sin(v)}$	L	S	P	CD
19242	16081	1	$\frac{\sin(v)}{Exp(u) \sqrt{1-w^2}}$	L	S	P	CDI
19243	16082	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{\sin(v)}$	L	S	P	CDF

19244	16083	1	$\frac{\sin(v)}{\operatorname{Exp}(u)\sqrt{1-w^2}\pi}$	L	S	P	CDIF
19245	16084	1	$-\frac{(\operatorname{Exp}(u))^2(-1+w^2)}{(\sin(v))^2}$	L	S	P	AB
19246	16085	1	$\sqrt{\frac{\operatorname{Exp}(u)\sqrt{1-w^2}}{\sin(v)}}$	L	S	P	R
19247	16086	1	$\frac{(\operatorname{Exp}(u))^3(1-w^2)^{3/2}}{(\sin(v))^3}$	L	S	P	K
19248	16087	1	$e^{\frac{\operatorname{Exp}(u)\sqrt{1-w^2}}{\sin(v)}}$	L	S	P	E
19249	16088	1	$\log\left(\frac{\operatorname{Exp}(u)\sqrt{1-w^2}}{\sin(v)}\right)$	L	S	P	L
19250	16089	1	$\arcsin\left(\frac{\operatorname{Exp}(u)\sqrt{1-w^2}}{\sin(v)}\right)$	L	S	P	S
19251	16090	1	$\arctan\left(\frac{\operatorname{Exp}(u)\sqrt{1-w^2}}{\sin(v)}\right)$	L	S	P	T
19252	16091	1	$\sqrt{\frac{1-(\cos(v))^2-(\operatorname{Exp}(u))^2+(\operatorname{Exp}(u))^2w^2}{(\sin(v))^2}}$	L	S	P	P
19253	16091	2	$\sqrt{\frac{1-(\cos(v))^2-(\operatorname{Exp}(u))^2+(\operatorname{Exp}(u))^2w^2}{(\sin(v))^2}}$	L	S	H	H
19254	16092	1	$\sqrt{-\frac{-1+(\cos(v))^2-(\operatorname{Exp}(u))^2+(\operatorname{Exp}(u))^2w^2}{(\sin(v))^2}}$	L	S	P	H
19255	16092	2	$\sqrt{-\frac{-1+(\cos(v))^2-(\operatorname{Exp}(u))^2+(\operatorname{Exp}(u))^2w^2}{(\sin(v))^2}}$	L	S	H	P
19256	16093	1	$\frac{\operatorname{Exp}(u)\sqrt{-1+w^2}}{\sin(v)}$	L	S	H	CD
19257	16094	1	$\frac{\sin(v)}{\operatorname{Exp}(u)\sqrt{-1+w^2}}$	L	S	H	CDI

19258	16095	1	$\frac{Exp(u) \sqrt{-1+w^2} \pi}{\sin(v)}$	L	S	H	CDF
19259	16096	1	$\frac{\sin(v)}{Exp(u) \sqrt{-1+w^2} \pi}$	L	S	H	CDIF
19260	16097	1	$\frac{(Exp(u))^2 (-1+w^2)}{(\sin(v))^2}$	L	S	H	AB
19261	16098	1	$\sqrt{\frac{Exp(u) \sqrt{-1+w^2}}{\sin(v)}}$	L	S	H	R
19262	16099	1	$\frac{(Exp(u))^3 (-1+w^2)^{3/2}}{(\sin(v))^3}$	L	S	H	K
19263	16100	1	$e^{\frac{Exp(u) \sqrt{-1+w^2}}{\sin(v)}}$	L	S	H	E
19264	16101	1	$\log\left(\frac{Exp(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	L	S	H	L
19265	16102	1	$\arcsin\left(\frac{Exp(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	L	S	H	S
19266	16103	1	$\arctan\left(\frac{Exp(u) \sqrt{-1+w^2}}{\sin(v)}\right)$	L	S	H	T
19267	16104	1	$\frac{Exp(u) w}{\tan(v)}$	L	T	CD	CD
19268	16104	2	$\frac{Exp(u) w}{\tan(v)}$	L	T	CDF	CDF
19269	16105	1	$\frac{\tan(v)}{Exp(u) w}$	L	T	CD	CDI
19270	16105	2	$\frac{\tan(v)}{Exp(u) w}$	L	T	CDF	CDIF
19271	16106	1	$\frac{Exp(u) w \pi}{\tan(v)}$	L	T	CD	CDF
19272	16107	1	$\frac{\tan(v)}{Exp(u) w \pi}$	L	T	CD	CDIF

19273	16108	1	$\frac{(Exp(u))^2 w^2}{(\tan(v))^2}$	L	T	CD	AB
19274	16109	1	$\sqrt{\frac{Exp(u) w}{\tan(v)}}$	L	T	CD	R
19275	16110	1	$\frac{(Exp(u))^3 w^3}{(\tan(v))^3}$	L	T	CD	K
19276	16111	1	$e^{\frac{Exp(u) w}{\tan(v)}}$	L	T	CD	E
19277	16112	1	$\log\left(\frac{Exp(u) w}{\tan(v)}\right)$	L	T	CD	L
19278	16113	1	$\arcsin\left(\frac{Exp(u) w}{\tan(v)}\right)$	L	T	CD	S
19279	16114	1	$\arctan\left(\frac{Exp(u) w}{\tan(v)}\right)$	L	T	CD	T
19280	16115	1	$\sqrt{-\frac{(\tan(v))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	CD	P
19281	16116	1	$\sqrt{\frac{(\tan(v))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	CD	H
19282	16117	1	$\frac{Exp(u)}{\tan(v) w}$	L	T	CDI	CD
19283	16117	2	$\frac{Exp(u)}{\tan(v) w}$	L	T	CDIF	CDF
19284	16118	1	$\frac{\tan(v) w}{Exp(u)}$	L	T	CDI	CDI
19285	16118	2	$\frac{\tan(v) w}{Exp(u)}$	L	T	CDIF	CDIF
19286	16119	1	$\frac{Exp(u) \pi}{\tan(v) w}$	L	T	CDI	CDF
19287	16120	1	$\frac{\tan(v) w}{Exp(u) \pi}$	L	T	CDI	CDIF

19288	16121	1	$\frac{(Exp(u))^2}{(\tan(v))^2 w^2}$	L	T	CDI	AB
19289	16122	1	$\sqrt{\frac{Exp(u)}{\tan(v) w}}$	L	T	CDI	R
19290	16123	1	$\frac{(Exp(u))^3}{(\tan(v))^3 w^3}$	L	T	CDI	K
19291	16124	1	$e^{\frac{Exp(u)}{\tan(v) w}}$	L	T	CDI	E
19292	16125	1	$\log\left(\frac{Exp(u)}{\tan(v) w}\right)$	L	T	CDI	L
19293	16126	1	$\arcsin\left(\frac{Exp(u)}{\tan(v) w}\right)$	L	T	CDI	S
19294	16127	1	$\arctan\left(\frac{Exp(u)}{\tan(v) w}\right)$	L	T	CDI	T
19295	16128	1	$\sqrt{\frac{(\tan(v))^2 w^2 - (Exp(u))^2}{(\tan(v))^2 w^2}}$	L	T	CDI	P
19296	16129	1	$\sqrt{\frac{(\tan(v))^2 w^2 + (Exp(u))^2}{(\tan(v))^2 w^2}}$	L	T	CDI	H
19297	16130	1	$\frac{Exp(u) w}{\tan(v) \pi}$	L	T	CDF	CD
19298	16131	1	$\frac{\tan(v) \pi}{Exp(u) w}$	L	T	CDF	CDI
19299	16132	1	$\frac{(Exp(u))^2 w^2}{(\tan(v))^2 \pi^2}$	L	T	CDF	AB
19300	16133	1	$\sqrt{\frac{Exp(u) w}{\tan(v) \pi}}$	L	T	CDF	R
19301	16134	1	$\frac{(Exp(u))^3 w^3}{(\tan(v))^3 \pi^3}$	L	T	CDF	K

19302	16135	1	$e^{\frac{Exp(u)w}{\tan(v)\pi}}$	L	T	CDF	E
19303	16136	1	$\log\left(\frac{Exp(u)w}{\tan(v)\pi}\right)$	L	T	CDF	L
19304	16137	1	$\arcsin\left(\frac{Exp(u)w}{\tan(v)\pi}\right)$	L	T	CDF	S
19305	16138	1	$\arctan\left(\frac{Exp(u)w}{\tan(v)\pi}\right)$	L	T	CDF	T
19306	16139	1	$\sqrt{\frac{(\tan(v))^2\pi^2 - (Exp(u))^2w^2}{(\tan(v))^2\pi^2}}$	L	T	CDF	P
19307	16140	1	$\sqrt{\frac{(\tan(v))^2\pi^2 + (Exp(u))^2w^2}{(\tan(v))^2\pi^2}}$	L	T	CDF	H
19308	16141	1	$\frac{Exp(u)}{\tan(v)w\pi}$	L	T	CDIF	CD
19309	16142	1	$\frac{\tan(v)w\pi}{Exp(u)}$	L	T	CDIF	CDI
19310	16143	1	$\frac{(Exp(u))^2}{(\tan(v))^2w^2\pi^2}$	L	T	CDIF	AB
19311	16144	1	$\sqrt{\frac{Exp(u)}{\tan(v)w\pi}}$	L	T	CDIF	R
19312	16145	1	$\frac{(Exp(u))^3}{(\tan(v))^3w^3\pi^3}$	L	T	CDIF	K
19313	16146	1	$e^{\frac{Exp(u)}{\tan(v)w\pi}}$	L	T	CDIF	E
19314	16147	1	$\log\left(\frac{Exp(u)}{\tan(v)w\pi}\right)$	L	T	CDIF	L
19315	16148	1	$\arcsin\left(\frac{Exp(u)}{\tan(v)w\pi}\right)$	L	T	CDIF	S
19316	16149	1	$\arctan\left(\frac{Exp(u)}{\tan(v)w\pi}\right)$	L	T	CDIF	T

19317	16150	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 - (Exp(u))^2}{(\tan(v))^2 w^2 \pi^2}}$	L	T	CDIF	P
19318	16151	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 + (Exp(u))^2}{(\tan(v))^2 w^2 \pi^2}}$	L	T	CDIF	H
19319	16152	1	$\frac{Exp(u) \sqrt{w}}{\tan(v)}$	L	T	AB	CD
19320	16153	1	$\frac{\tan(v)}{Exp(u) \sqrt{w}}$	L	T	AB	CDI
19321	16154	1	$\frac{Exp(u) \sqrt{w} \pi}{\tan(v)}$	L	T	AB	CDF
19322	16155	1	$\frac{\tan(v)}{Exp(u) \sqrt{w} \pi}$	L	T	AB	CDIF
19323	16156	1	$\frac{(Exp(u))^2 w}{(\tan(v))^2}$	L	T	AB	AB
19324	16157	1	$\sqrt{\frac{Exp(u) \sqrt{w}}{\tan(v)}}$	L	T	AB	R
19325	16158	1	$\frac{(Exp(u))^3 w^{3/2}}{(\tan(v))^3}$	L	T	AB	K
19326	16159	1	$e^{\frac{Exp(u) \sqrt{w}}{\tan(v)}}$	L	T	AB	E
19327	16160	1	$\log\left(\frac{Exp(u) \sqrt{w}}{\tan(v)}\right)$	L	T	AB	L
19328	16161	1	$\arcsin\left(\frac{Exp(u) \sqrt{w}}{\tan(v)}\right)$	L	T	AB	S
19329	16162	1	$\arctan\left(\frac{Exp(u) \sqrt{w}}{\tan(v)}\right)$	L	T	AB	T
19330	16163	1	$\sqrt{-\frac{(\tan(v))^2 + (Exp(u))^2 w}{(\tan(v))^2}}$	L	T	AB	P

19331	16164	1	$\sqrt{\frac{(\tan(v))^2 + (\text{Exp}(u))^2 w}{(\tan(v))^2}}$	L	T	AB	H
19332	16165	1	$\frac{\text{Exp}(u) w^2}{\tan(v)}$	L	T	R	CD
19333	16166	1	$\frac{\tan(v)}{\text{Exp}(u) w^2}$	L	T	R	CDI
19334	16167	1	$\frac{\text{Exp}(u) w^2 \pi}{\tan(v)}$	L	T	R	CDF
19335	16168	1	$\frac{\tan(v)}{\text{Exp}(u) w^2 \pi}$	L	T	R	CDIF
19336	16169	1	$\frac{(\text{Exp}(u))^2 w^4}{(\tan(v))^2}$	L	T	R	AB
19337	16170	1	$\sqrt{\frac{\text{Exp}(u) w^2}{\tan(v)}}$	L	T	R	R
19338	16171	1	$\frac{(\text{Exp}(u))^3 w^6}{(\tan(v))^3}$	L	T	R	K
19339	16172	1	$e^{\frac{\text{Exp}(u) w^2}{\tan(v)}}$	L	T	R	E
19340	16173	1	$\log\left(\frac{\text{Exp}(u) w^2}{\tan(v)}\right)$	L	T	R	L
19341	16174	1	$\arcsin\left(\frac{\text{Exp}(u) w^2}{\tan(v)}\right)$	L	T	R	S
19342	16175	1	$\arctan\left(\frac{\text{Exp}(u) w^2}{\tan(v)}\right)$	L	T	R	T
19343	16176	1	$\sqrt{-\frac{(\tan(v))^2 + (\text{Exp}(u))^2 w^4}{(\tan(v))^2}}$	L	T	R	P
19344	16177	1	$\sqrt{\frac{(\tan(v))^2 + (\text{Exp}(u))^2 w^4}{(\tan(v))^2}}$	L	T	R	H

19345	16178	1	$\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}$	L	T	K	CD
19346	16179	1	$\frac{\tan(v)}{Exp(u) \sqrt[3]{w}}$	L	T	K	CDI
19347	16180	1	$\frac{Exp(u) \sqrt[3]{w} \pi}{\tan(v)}$	L	T	K	CDF
19348	16181	1	$\frac{\tan(v)}{Exp(u) \sqrt[3]{w} \pi}$	L	T	K	CDIF
19349	16182	1	$\frac{(Exp(u))^2 w^{2/3}}{(\tan(v))^2}$	L	T	K	AB
19350	16183	1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}}$	L	T	K	R
19351	16184	1	$\frac{(Exp(u))^3 w}{(\tan(v))^3}$	L	T	K	K
19352	16185	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}}$	L	T	K	E
19353	16186	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}\right)$	L	T	K	L
19354	16187	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}\right)$	L	T	K	S
19355	16188	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{\tan(v)}\right)$	L	T	K	T
19356	16189	1	$\sqrt{-\frac{(\tan(v))^2 + (Exp(u))^2 w^{2/3}}{(\tan(v))^2}}$	L	T	K	P
19357	16190	1	$\sqrt{\frac{(\tan(v))^2 + (Exp(u))^2 w^{2/3}}{(\tan(v))^2}}$	L	T	K	H
19358	16191	1	$\frac{Exp(u) \ln(w)}{\tan(v)}$	L	T	E	CD
19359	16192	1	$\frac{\tan(v)}{Exp(u) \ln(w)}$	L	T	E	CDI

19360	16193	1	$\frac{Exp(u) \ln(w) \pi}{\tan(v)}$	L	T	E	CDF
19361	16194	1	$\frac{\tan(v)}{Exp(u) \ln(w) \pi}$	L	T	E	CDIF
19362	16195	1	$\frac{(Exp(u))^2 (\ln(w))^2}{(\tan(v))^2}$	L	T	E	AB
19363	16196	1	$\sqrt{\frac{Exp(u) \ln(w)}{\tan(v)}}$	L	T	E	R
19364	16197	1	$\frac{(Exp(u))^3 (\ln(w))^3}{(\tan(v))^3}$	L	T	E	K
19365	16198	1	$w^{\frac{Exp(u)}{\tan(v)}}$	L	T	E	E
19366	16199	1	$\log\left(\frac{Exp(u) \ln(w)}{\tan(v)}\right)$	L	T	E	L
19367	16200	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{\tan(v)}\right)$	L	T	E	S
19368	16201	1	$\arctan\left(\frac{Exp(u) \ln(w)}{\tan(v)}\right)$	L	T	E	T
19369	16202	1	$\sqrt{-\frac{(\tan(v))^2 + (Exp(u))^2 (\ln(w))^2}{(\tan(v))^2}}$	L	T	E	P
19370	16203	1	$\sqrt{\frac{(\tan(v))^2 + (Exp(u))^2 (\ln(w))^2}{(\tan(v))^2}}$	L	T	E	H
19371	16204	1	$\frac{Exp(u) Exp(w)}{\tan(v)}$	L	T	L	CD
19372	16205	1	$\frac{\tan(v)}{Exp(u) Exp(w)}$	L	T	L	CDI
19373	16206	1	$\frac{Exp(u) Exp(w) \pi}{\tan(v)}$	L	T	L	CDF

19374	16207	1	$\frac{\tan(v)}{\operatorname{Exp}(u) \operatorname{Exp}(w) \pi}$	L	T	L	CDIF
19375	16208	1	$\frac{(\operatorname{Exp}(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}$	L	T	L	AB
19376	16209	1	$\sqrt{\frac{\operatorname{Exp}(u) \operatorname{Exp}(w)}{\tan(v)}}$	L	T	L	R
19377	16210	1	$\frac{(\operatorname{Exp}(u))^3 (\operatorname{Exp}(w))^3}{(\tan(v))^3}$	L	T	L	K
19378	16211	1	$e^{\frac{\operatorname{Exp}(u) \operatorname{Exp}(w)}{\tan(v)}}$	L	T	L	E
19379	16212	1	$\log\left(\frac{\operatorname{Exp}(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	L	T	L	L
19380	16213	1	$\arcsin\left(\frac{\operatorname{Exp}(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	L	T	L	S
19381	16214	1	$\arctan\left(\frac{\operatorname{Exp}(u) \operatorname{Exp}(w)}{\tan(v)}\right)$	L	T	L	T
19382	16215	1	$\sqrt{\frac{(\tan(v))^2 - (\operatorname{Exp}(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	L	T	L	P
19383	16216	1	$\sqrt{\frac{(\tan(v))^2 + (\operatorname{Exp}(u))^2 (\operatorname{Exp}(w))^2}{(\tan(v))^2}}$	L	T	L	H
19384	16217	1	$\frac{\operatorname{Exp}(u) \cos(v) \sin(w)}{\sin(v)}$	L	T	S	CD
19385	16218	1	$\frac{\sin(v)}{\operatorname{Exp}(u) \cos(v) \sin(w)}$	L	T	S	CDI
19386	16219	1	$\frac{\operatorname{Exp}(u) \cos(v) \sin(w) \pi}{\sin(v)}$	L	T	S	CDF
19387	16220	1	$\frac{\sin(v)}{\operatorname{Exp}(u) \cos(v) \sin(w) \pi}$	L	T	S	CDIF
19388	16221	1	$\frac{(\operatorname{Exp}(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	L	T	S	AB

19389	16222	1	$\sqrt{\frac{Exp(u) \cos(v) \sin(w)}{\sin(v)}}$	L	T	S	R
19390	16223	1	$\frac{(Exp(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	L	T	S	K
19391	16224	1	$e^{\frac{Exp(u) \cos(v) \sin(w)}{\sin(v)}}$	L	T	S	E
19392	16225	1	$\log\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v)}\right)$	L	T	S	L
19393	16226	1	$\arcsin\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v)}\right)$	L	T	S	S
19394	16227	1	$\arctan\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v)}\right)$	L	T	S	T
19395	16228	1	$\sqrt{\frac{1 - (\cos(v))^2 - (Exp(u))^2 (\cos(v))^2 + (Exp(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	L	T	S	P
19396	16229	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (Exp(u))^2 (\cos(v))^2 + (Exp(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	L	T	S	H
19397	16230	1	$\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}$	L	T	T	CD
19398	16231	1	$\frac{\sin(v) \cos(w)}{Exp(u) \cos(v) \sin(w)}$	L	T	T	CDI
19399	16232	1	$\frac{Exp(u) \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	L	T	T	CDF
19400	16233	1	$\frac{\sin(v) \cos(w)}{Exp(u) \cos(v) \sin(w) \pi}$	L	T	T	CDIF
19401	16234	1	$\frac{(Exp(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	L	T	T	AB
19402	16235	1	$\sqrt{\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	L	T	T	R

19403	16236	1	$\frac{(Exp(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	L	T	T	K
19404	16237	1	$e^{\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	L	T	T	E
19405	16238	1	$\log\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	L	T	T	L
19406	16239	1	$\arcsin\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	L	T	T	S
19407	16240	1	$\arctan\left(\frac{Exp(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	L	T	T	T
19408	16241	1	$\sqrt{\frac{(\cos(w))^2 - (\cos(w))^2 (\cos(v))^2 - (Exp(u))^2 (\cos(v))^2 + (Exp(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	L	T	P	H
19409	16242	1	$\sqrt{-\frac{-(\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 - (Exp(u))^2 (\cos(v))^2 + (Exp(u))^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	L	T	P	H
19410	16243	1	$\frac{Exp(u) \sqrt{1-w^2}}{\tan(v)}$	L	T	P	CD
19411	16244	1	$\frac{\tan(v)}{Exp(u) \sqrt{1-w^2}}$	L	T	P	CDI
19412	16245	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{\tan(v)}$	L	T	P	CDF
19413	16246	1	$\frac{\tan(v)}{Exp(u) \sqrt{1-w^2} \pi}$	L	T	P	CDIF
19414	16247	1	$-\frac{(Exp(u))^2 (-1+w^2)}{(\tan(v))^2}$	L	T	P	AB
19415	16248	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2}}{\tan(v)}}$	L	T	P	R
19416	16249	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{(\tan(v))^3}$	L	T	P	K

19417	16250	1	$e^{\frac{Exp(u)\sqrt{1-w^2}}{\tan(v)}}$	L	T	P	E
19418	16251	1	$\log\left(\frac{Exp(u)\sqrt{1-w^2}}{\tan(v)}\right)$	L	T	P	L
19419	16252	1	$\arcsin\left(\frac{Exp(u)\sqrt{1-w^2}}{\tan(v)}\right)$	L	T	P	S
19420	16253	1	$\arctan\left(\frac{Exp(u)\sqrt{1-w^2}}{\tan(v)}\right)$	L	T	P	T
19421	16254	1	$\sqrt{\frac{(\tan(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	P	P
19422	16254	2	$\sqrt{\frac{(\tan(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	H	H
19423	16255	1	$\sqrt{-\frac{(\tan(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	P	H
19424	16255	2	$\sqrt{-\frac{(\tan(v))^2 - (Exp(u))^2 + (Exp(u))^2 w^2}{(\tan(v))^2}}$	L	T	H	P
19425	16256	1	$\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}$	L	T	H	CD
19426	16257	1	$\frac{\tan(v)}{Exp(u)\sqrt{-1+w^2}}$	L	T	H	CDI
19427	16258	1	$\frac{Exp(u)\sqrt{-1+w^2}\pi}{\tan(v)}$	L	T	H	CDF
19428	16259	1	$\frac{\tan(v)}{Exp(u)\sqrt{-1+w^2}\pi}$	L	T	H	CDIF
19429	16260	1	$\frac{(Exp(u))^2(-1+w^2)}{(\tan(v))^2}$	L	T	H	AB
19430	16261	1	$\sqrt{\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}}$	L	T	H	R

19431	16262	1	$\frac{(Exp(u))^3 (-1+w^2)^{3/2}}{(\tan(v))^3}$	L	T	H	K
19432	16263	1	$e^{\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}}$	L	T	H	E
19433	16264	1	$\log\left(\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	L	T	H	L
19434	16265	1	$\arcsin\left(\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	L	T	H	S
19435	16266	1	$\arctan\left(\frac{Exp(u)\sqrt{-1+w^2}}{\tan(v)}\right)$	L	T	H	T
19436	16267	1	$\frac{Exp(u)w}{\sqrt{1-v^2}}$	L	P	CD	CD
19437	16267	2	$\frac{Exp(u)w}{\sqrt{1-v^2}}$	L	P	CDF	CDF
19438	16268	1	$\frac{\sqrt{1-v^2}}{Exp(u)w}$	L	P	CD	CDI
19439	16268	2	$\frac{\sqrt{1-v^2}}{Exp(u)w}$	L	P	CDF	CDIF
19440	16269	1	$\frac{Exp(u)w\pi}{\sqrt{1-v^2}}$	L	P	CD	CDF
19441	16270	1	$\frac{\sqrt{1-v^2}}{Exp(u)w\pi}$	L	P	CD	CDIF
19442	16271	1	$-\frac{(Exp(u))^2 w^2}{-1+v^2}$	L	P	CD	AB
19443	16272	1	$\sqrt{\frac{Exp(u)w}{\sqrt{1-v^2}}}$	L	P	CD	R
19444	16273	1	$\frac{(Exp(u))^3 w^3}{(1-v^2)^{3/2}}$	L	P	CD	K
19445	16274	1	$e^{\frac{Exp(u)w}{\sqrt{1-v^2}}}$	L	P	CD	E

19446	16275	1	$\log \left(\frac{Exp(u) w}{\sqrt{1-v^2}} \right)$	L	P	CD	L
19447	16276	1	$\arcsin \left(\frac{Exp(u) w}{\sqrt{1-v^2}} \right)$	L	P	CD	S
19448	16277	1	$\arctan \left(\frac{Exp(u) w}{\sqrt{1-v^2}} \right)$	L	P	CD	T
19449	16278	1	$\sqrt{\frac{-1+v^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	P	CD	P
19450	16278	2	$\sqrt{\frac{-1+v^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	H	CD	H
19451	16279	1	$\sqrt{-\frac{1-v^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	P	CD	H
19452	16279	2	$\sqrt{-\frac{1-v^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	H	CD	P
19453	16280	1	$\frac{Exp(u)}{\sqrt{1-v^2}w}$	L	P	CDI	CD
19454	16281	1	$\frac{\sqrt{1-v^2}w}{Exp(u)}$	L	P	CDI	CDI
19455	16281	2	$\frac{\sqrt{1-v^2}w}{Exp(u)}$	L	P	CDIF	CDIF
19456	16282	1	$\frac{Exp(u) \pi}{\sqrt{1-v^2}w}$	L	P	CDI	CDF
19457	16283	1	$\frac{\sqrt{1-v^2}w}{Exp(u) \pi}$	L	P	CDI	CDIF
19458	16284	1	$-\frac{(Exp(u))^2}{w^2(-1+v^2)}$	L	P	CDI	AB
19459	16285	1	$\sqrt{\frac{Exp(u)}{\sqrt{1-v^2}w}}$	L	P	CDI	R

19460	16286	1	$\frac{(Exp(u))^3}{(1-v^2)^{3/2} w^3}$	L	P	CDI	K
19461	16287	1	$e^{\frac{Exp(u)}{\sqrt{1-v^2} w}}$	L	P	CDI	E
19462	16288	1	$\log\left(\frac{Exp(u)}{\sqrt{1-v^2} w}\right)$	L	P	CDI	L
19463	16289	1	$\arcsin\left(\frac{Exp(u)}{\sqrt{1-v^2} w}\right)$	L	P	CDI	S
19464	16290	1	$\arctan\left(\frac{Exp(u)}{\sqrt{1-v^2} w}\right)$	L	P	CDI	T
19465	16291	1	$\sqrt{\frac{-w^2 + v^2 w^2 + (Exp(u))^2}{w^2 (-1 + v^2)}}$	L	P	CDI	P
19466	16291	2	$\sqrt{\frac{-w^2 + v^2 w^2 + (Exp(u))^2}{w^2 (-1 + v^2)}}$	L	H	CDI	H
19467	16292	1	$\sqrt{\frac{-w^2 + v^2 w^2 - (Exp(u))^2}{w^2 (-1 + v^2)}}$	L	P	CDI	H
19468	16292	2	$\sqrt{\frac{-w^2 + v^2 w^2 - (Exp(u))^2}{w^2 (-1 + v^2)}}$	L	H	CDI	P
19469	16293	1	$\frac{Exp(u) w}{\sqrt{1-v^2} \pi}$	L	P	CDF	CD
19470	16294	1	$\frac{\sqrt{1-v^2} \pi}{Exp(u) w}$	L	P	CDF	CDI
19471	16295	1	$-\frac{(Exp(u))^2 w^2}{\pi^2 (-1 + v^2)}$	L	P	CDF	AB
19472	16296	1	$\sqrt{\frac{Exp(u) w}{\sqrt{1-v^2} \pi}}$	L	P	CDF	R
19473	16297	1	$\frac{(Exp(u))^3 w^3}{(1-v^2)^{3/2} \pi^3}$	L	P	CDF	K
19474	16298	1	$e^{\frac{Exp(u) w}{\sqrt{1-v^2} \pi}}$	L	P	CDF	E

19475	16299	1	$\log \left(\frac{Exp(u) w}{\sqrt{1-v^2}\pi} \right)$	L	P	CDF	L
19476	16300	1	$\arcsin \left(\frac{Exp(u) w}{\sqrt{1-v^2}\pi} \right)$	L	P	CDF	S
19477	16301	1	$\arctan \left(\frac{Exp(u) w}{\sqrt{1-v^2}\pi} \right)$	L	P	CDF	T
19478	16302	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (Exp(u))^2 w^2}{\pi^2(-1+v^2)}}$	L	P	CDF	P
19479	16302	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (Exp(u))^2 w^2}{\pi^2(-1+v^2)}}$	L	H	CDF	H
19480	16303	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (Exp(u))^2 w^2}{\pi^2(-1+v^2)}}$	L	P	CDF	H
19481	16303	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (Exp(u))^2 w^2}{\pi^2(-1+v^2)}}$	L	H	CDF	P
19482	16304	1	$\frac{Exp(u)}{\sqrt{1-v^2}w\pi}$	L	P	CDIF	CD
19483	16305	1	$\frac{\sqrt{1-v^2}w\pi}{Exp(u)}$	L	P	CDIF	CDI
19484	16306	1	$\frac{Exp(u)}{\sqrt{-(v-1)(v+1)}w}$	L	P	CDIF	CDF
19485	16307	1	$-\frac{(Exp(u))^2}{w^2\pi^2(-1+v^2)}$	L	P	CDIF	AB
19486	16308	1	$\sqrt{\frac{Exp(u)}{\sqrt{1-v^2}w\pi}}$	L	P	CDIF	R
19487	16309	1	$\frac{(Exp(u))^3}{(1-v^2)^{3/2}w^3\pi^3}$	L	P	CDIF	K
19488	16310	1	$e^{\frac{Exp(u)}{\sqrt{1-v^2}w\pi}}$	L	P	CDIF	E

19489	16311	1	$\log\left(\frac{Exp(u)}{\sqrt{1-v^2}w\pi}\right)$	L	P	CDIF	L
19490	16312	1	$\arcsin\left(\frac{Exp(u)}{\sqrt{1-v^2}w\pi}\right)$	L	P	CDIF	S
19491	16313	1	$\arctan\left(\frac{Exp(u)}{\sqrt{1-v^2}w\pi}\right)$	L	P	CDIF	T
19492	16314	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + (Exp(u))^2}{w^2\pi^2(-1+v^2)}}$	L	P	CDIF	P
19493	16314	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + (Exp(u))^2}{w^2\pi^2(-1+v^2)}}$	L	H	CDIF	H
19494	16315	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - (Exp(u))^2}{w^2\pi^2(-1+v^2)}}$	L	P	CDIF	H
19495	16315	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - (Exp(u))^2}{w^2\pi^2(-1+v^2)}}$	L	H	CDIF	P
19496	16316	1	$\frac{Exp(u)\sqrt{w}}{\sqrt{1-v^2}}$	L	P	AB	CD
19497	16317	1	$\frac{\sqrt{1-v^2}}{Exp(u)\sqrt{w}}$	L	P	AB	CDI
19498	16318	1	$\frac{Exp(u)\sqrt{w}\pi}{\sqrt{1-v^2}}$	L	P	AB	CDF
19499	16319	1	$\frac{\sqrt{1-v^2}}{Exp(u)\sqrt{w}\pi}$	L	P	AB	CDIF
19500	16320	1	$-\frac{(Exp(u))^2 w}{-1+v^2}$	L	P	AB	AB
19501	16321	1	$\sqrt{\frac{Exp(u)\sqrt{w}}{\sqrt{1-v^2}}}$	L	P	AB	R
19502	16322	1	$\frac{(Exp(u))^3 w^{3/2}}{(1-v^2)^{3/2}}$	L	P	AB	K
19503	16323	1	$e^{\frac{Exp(u)\sqrt{w}}{\sqrt{1-v^2}}}$	L	P	AB	E

19504	16324	1	$\log \left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	L	P	AB	L
19505	16325	1	$\arcsin \left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	L	P	AB	S
19506	16326	1	$\arctan \left(\frac{\text{Exp}(u) \sqrt{w}}{\sqrt{1-v^2}} \right)$	L	P	AB	T
19507	16327	1	$\sqrt{\frac{-1+v^2+(\text{Exp}(u))^2 w}{-1+v^2}}$	L	P	AB	P
19508	16327	2	$\sqrt{\frac{-1+v^2+(\text{Exp}(u))^2 w}{-1+v^2}}$	L	H	AB	H
19509	16328	1	$\sqrt{-\frac{1-v^2+(\text{Exp}(u))^2 w}{-1+v^2}}$	L	P	AB	H
19510	16328	2	$\sqrt{-\frac{1-v^2+(\text{Exp}(u))^2 w}{-1+v^2}}$	L	H	AB	P
19511	16329	1	$\frac{\text{Exp}(u) w^2}{\sqrt{-(v-1)(v+1)}}$	L	P	R	CD
19512	16330	1	$\frac{\sqrt{1-v^2}}{\text{Exp}(u) w^2}$	L	P	R	CDI
19513	16331	1	$\frac{\text{Exp}(u) w^2 \pi}{\sqrt{-(v-1)(v+1)}}$	L	P	R	CDF
19514	16332	1	$\frac{\sqrt{1-v^2}}{\text{Exp}(u) w^2 \pi}$	L	P	R	CDIF
19515	16333	1	$-\frac{(\text{Exp}(u))^2 w^4}{-1+v^2}$	L	P	R	AB
19516	16334	1	$\sqrt{\frac{\text{Exp}(u) w^2}{\sqrt{-(v-1)(v+1)}}}$	L	P	R	R
19517	16335	1	$\frac{(\text{Exp}(u))^3 w^6}{(1-v^2)^{3/2}}$	L	P	R	K

19518	16336	1	$e^{\frac{Exp(u)w^2}{\sqrt{-(v-1)(v+1)}}}$	L	P	R	E
19519	16337	1	$\log\left(\frac{Exp(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	L	P	R	L
19520	16338	1	$\arcsin\left(\frac{Exp(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	L	P	R	S
19521	16339	1	$\arctan\left(\frac{Exp(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	L	P	R	T
19522	16340	1	$\sqrt{\frac{-1+v^2+(Exp(u))^2w^4}{-1+v^2}}$	L	P	R	P
19523	16340	2	$\sqrt{\frac{-1+v^2+(Exp(u))^2w^4}{-1+v^2}}$	L	H	R	H
19524	16341	1	$\sqrt{-\frac{1-v^2+(Exp(u))^2w^4}{-1+v^2}}$	L	P	R	H
19525	16341	2	$\sqrt{-\frac{1-v^2+(Exp(u))^2w^4}{-1+v^2}}$	L	H	R	P
19526	16342	1	$\frac{Exp(u)\sqrt[3]{w}}{\sqrt{1-v^2}}$	L	P	K	CD
19527	16343	1	$\frac{\sqrt{1-v^2}}{Exp(u)\sqrt[3]{w}}$	L	P	K	CDI
19528	16344	1	$\frac{Exp(u)\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	L	P	K	CDF
19529	16345	1	$\frac{\sqrt{1-v^2}}{Exp(u)\sqrt[3]{w}\pi}$	L	P	K	CDIF
19530	16346	1	$-\frac{(Exp(u))^2w^{2/3}}{-1+v^2}$	L	P	K	AB
19531	16347	1	$\sqrt{\frac{Exp(u)\sqrt[3]{w}}{\sqrt{1-v^2}}}$	L	P	K	R

19532	16348	1	$\frac{(Exp(u))^3 w}{(1-v^2)^{3/2}}$	L	P	K	K
19533	16349	1	$e^{\frac{Exp(u) \sqrt[3]{w}}{\sqrt{1-v^2}}}$	L	P	K	E
19534	16350	1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	L	P	K	L
19535	16351	1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	L	P	K	S
19536	16352	1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	L	P	K	T
19537	16353	1	$\sqrt{\frac{-1+v^2+(Exp(u))^2 w^{2/3}}{-1+v^2}}$	L	P	K	P
19538	16353	2	$\sqrt{\frac{-1+v^2+(Exp(u))^2 w^{2/3}}{-1+v^2}}$	L	H	K	H
19539	16354	1	$\sqrt{\frac{-1+v^2-(Exp(u))^2 w^{2/3}}{-1+v^2}}$	L	P	K	H
19540	16354	2	$\sqrt{\frac{-1+v^2-(Exp(u))^2 w^{2/3}}{-1+v^2}}$	L	H	K	P
19541	16355	1	$\frac{Exp(u) \ln(w)}{\sqrt{1-v^2}}$	L	P	E	CD
19542	16356	1	$\frac{\sqrt{1-v^2}}{Exp(u) \ln(w)}$	L	P	E	CDI
19543	16357	1	$\frac{Exp(u) \ln(w) \pi}{\sqrt{1-v^2}}$	L	P	E	CDF
19544	16358	1	$\frac{\sqrt{1-v^2}}{Exp(u) \ln(w) \pi}$	L	P	E	CDIF
19545	16359	1	$-\frac{(Exp(u))^2 (\ln(w))^2}{-1+v^2}$	L	P	E	AB

19546	16360	1	$\sqrt{\frac{Exp(u) \ln(w)}{\sqrt{1-v^2}}}$	L	P	E	R
19547	16361	1	$\frac{(Exp(u))^3 (\ln(w))^3}{(1-v^2)^{3/2}}$	L	P	E	K
19548	16362	1	$w \frac{Exp(u)}{\sqrt{1-v^2}}$	L	P	E	E
19549	16363	1	$\log\left(\frac{Exp(u) \ln(w)}{\sqrt{1-v^2}}\right)$	L	P	E	L
19550	16364	1	$\arcsin\left(\frac{Exp(u) \ln(w)}{\sqrt{1-v^2}}\right)$	L	P	E	S
19551	16365	1	$\arctan\left(\frac{Exp(u) \ln(w)}{\sqrt{1-v^2}}\right)$	L	P	E	T
19552	16366	1	$\sqrt{\frac{-1+v^2+(Exp(u))^2 (\ln(w))^2}{-1+v^2}}$	L	P	E	P
19553	16366	2	$\sqrt{\frac{-1+v^2+(Exp(u))^2 (\ln(w))^2}{-1+v^2}}$	L	H	E	H
19554	16367	1	$\sqrt{\frac{-1+v^2-(Exp(u))^2 (\ln(w))^2}{-1+v^2}}$	L	P	E	H
19555	16367	2	$\sqrt{\frac{-1+v^2-(Exp(u))^2 (\ln(w))^2}{-1+v^2}}$	L	H	E	P
19556	16368	1	$\frac{Exp(u) Exp(w)}{\sqrt{1-v^2}}$	L	P	L	CD
19557	16369	1	$\frac{\sqrt{1-v^2}}{Exp(u) Exp(w)}$	L	P	L	CDI
19558	16370	1	$\frac{Exp(u) Exp(w) \pi}{\sqrt{1-v^2}}$	L	P	L	CDF
19559	16371	1	$\frac{\sqrt{1-v^2}}{Exp(u) Exp(w) \pi}$	L	P	L	CDIF
19560	16372	1	$-\frac{(Exp(u))^2 (Exp(w))^2}{-1+v^2}$	L	P	L	AB

19561	16373	1	$\sqrt{\frac{Exp(u) Exp(w)}{\sqrt{1-v^2}}}$	L	P	L	R
19562	16374	1	$\frac{(Exp(u))^3 (Exp(w))^3}{(1-v^2)^{3/2}}$	L	P	L	K
19563	16375	1	$e^{\frac{Exp(u)Exp(w)}{\sqrt{1-v^2}}}$	L	P	L	E
19564	16376	1	$\log\left(\frac{Exp(u) Exp(w)}{\sqrt{1-v^2}}\right)$	L	P	L	L
19565	16377	1	$\arcsin\left(\frac{Exp(u) Exp(w)}{\sqrt{1-v^2}}\right)$	L	P	L	S
19566	16378	1	$\arctan\left(\frac{Exp(u) Exp(w)}{\sqrt{1-v^2}}\right)$	L	P	L	T
19567	16379	1	$\sqrt{\frac{-1+v^2+(Exp(u))^2 (Exp(w))^2}{-1+v^2}}_{\mathbb{L}}$		P	L	P
19568	16379	2	$\sqrt{\frac{-1+v^2+(Exp(u))^2 (Exp(w))^2}{-1+v^2}}_{\mathbb{L}}$		H	L	H
19569	16380	1	$\sqrt{\frac{-1+v^2-(Exp(u))^2 (Exp(w))^2}{-1+v^2}}_{\mathbb{L}}$		P	L	H
19570	16380	2	$\sqrt{\frac{-1+v^2-(Exp(u))^2 (Exp(w))^2}{-1+v^2}}_{\mathbb{L}}$		H	L	P
19571	16381	1	$\frac{Exp(u) \sin(w)}{\sqrt{1-v^2}}$	L	P	S	CD
19572	16382	1	$\frac{\sqrt{1-v^2}}{Exp(u) \sin(w)}$	L	P	S	CDI
19573	16383	1	$\frac{Exp(u) \sin(w) \pi}{\sqrt{1-v^2}}$	L	P	S	CDF
19574	16384	1	$\frac{\sqrt{1-v^2}}{Exp(u) \sin(w) \pi}$	L	P	S	CDIF

19575	16385	1	$\frac{(Exp(u))^2 \left(-1 + (\cos(w))^2\right)}{-1 + v^2}$	L	P	S	AB
19576	16386	1	$\sqrt{\frac{Exp(u) \sin(w)}{\sqrt{1 - v^2}}}$	L	P	S	R
19577	16387	1	$\frac{(Exp(u))^3 (\sin(w))^3}{(1 - v^2)^{3/2}}$	L	P	S	K
19578	16388	1	$e^{\frac{Exp(u) \sin(w)}{\sqrt{1 - v^2}}}$	L	P	S	E
19579	16389	1	$\log\left(\frac{Exp(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	L	P	S	L
19580	16390	1	$\arcsin\left(\frac{Exp(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	L	P	S	S
19581	16391	1	$\arctan\left(\frac{Exp(u) \sin(w)}{\sqrt{1 - v^2}}\right)$	L	P	S	T
19582	16392	1	$\sqrt{\frac{-1 + v^2 + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{-1 + v^2}}$	L	P	S	P
19583	16392	2	$\sqrt{\frac{-1 + v^2 + (Exp(u))^2 - (Exp(u))^2 (\cos(w))^2}{-1 + v^2}}$	L	H	S	H
19584	16393	1	$\sqrt{\frac{-1 + v^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{-1 + v^2}}$	L	P	S	H
19585	16393	2	$\sqrt{\frac{-1 + v^2 - (Exp(u))^2 + (Exp(u))^2 (\cos(w))^2}{-1 + v^2}}$	L	H	S	P
19586	16394	1	$\frac{Exp(u) \tan(w)}{\sqrt{1 - v^2}}$	L	P	T	CD
19587	16395	1	$\frac{\sqrt{1 - v^2}}{Exp(u) \tan(w)}$	L	P	T	CDI
19588	16396	1	$\frac{Exp(u) \tan(w) \pi}{\sqrt{1 - v^2}}$	L	P	T	CDF

19589	16397	1	$\frac{\sqrt{1-v^2}}{\text{Exp}(u) \tan(w) \pi}$	L	P	T	CDIF
19590	16398	1	$-\frac{(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}$	L	P	T	AB
19591	16399	1	$\sqrt{\frac{\text{Exp}(u) \tan(w)}{\sqrt{1-v^2}}}$	L	P	T	R
19592	16400	1	$\frac{(\text{Exp}(u))^3 (\tan(w))^3}{(1-v^2)^{3/2}}$	L	P	T	K
19593	16401	1	$e^{\frac{\text{Exp}(u) \tan(w)}{\sqrt{1-v^2}}}$	L	P	T	E
19594	16402	1	$\log\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{1-v^2}}\right)$	L	P	T	L
19595	16403	1	$\arcsin\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{1-v^2}}\right)$	L	P	T	S
19596	16404	1	$\arctan\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{1-v^2}}\right)$	L	P	T	T
19597	16405	1	$\sqrt{\frac{-1+v^2+(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}} \mathbf{L}$		P	T	P
19598	16405	2	$\sqrt{\frac{-1+v^2+(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}} \mathbf{L}$		H	T	H
19599	16406	1	$\sqrt{\frac{-1+v^2-(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}} \mathbf{L}$		P	T	H
19600	16406	2	$\sqrt{\frac{-1+v^2-(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}} \mathbf{L}$		H	T	P
19601	16407	1	$\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}$	L	P	P	CD
19602	16408	1	$\frac{\sqrt{1-v^2}}{\text{Exp}(u) \sqrt{1-w^2}}$	L	P	P	CDI

19603	16409	1	$\frac{Exp(u) \sqrt{1-w^2} \pi}{\sqrt{1-v^2}}$	L	P	P	CDF
19604	16410	1	$\frac{\sqrt{1-v^2}}{Exp(u) \sqrt{1-w^2} \pi}$	L	P	P	CDIF
19605	16411	1	$\frac{(Exp(u))^2 (-1+w^2)}{-1+v^2}$	L	P	P	AB
19606	16411	2	$\frac{(Exp(u))^2 (-1+w^2)}{-1+v^2}$	L	H	H	AB
19607	16412	1	$\sqrt{\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}}$	L	P	P	R
19608	16413	1	$\frac{(Exp(u))^3 (1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	L	P	P	K
19609	16414	1	$e^{\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}}$	L	P	P	E
19610	16415	1	$\log \left(\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{1-v^2}} \right)$	L	P	P	L
19611	16416	1	$\arcsin \left(\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{1-v^2}} \right)$	L	P	P	S
19612	16417	1	$\arctan \left(\frac{Exp(u) \sqrt{1-w^2}}{\sqrt{1-v^2}} \right)$	L	P	P	T
19613	16418	1	$\sqrt{-\frac{1-v^2-(Exp(u))^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	P	P	P
19614	16418	2	$\sqrt{-\frac{1-v^2-(Exp(u))^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	P	H	H
19615	16418	3	$\sqrt{-\frac{1-v^2-(Exp(u))^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	H	P	H
19616	16418	4	$\sqrt{-\frac{1-v^2-(Exp(u))^2+(Exp(u))^2 w^2}{-1+v^2}}$	L	H	H	P

19617	16419	1	$\sqrt{\frac{-(Exp(u))^2 + (Exp(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	L	P	P	H
19618	16419	2	$\sqrt{\frac{-(Exp(u))^2 + (Exp(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	L	P	H	P
19619	16419	3	$\sqrt{\frac{-(Exp(u))^2 + (Exp(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	L	P	H	P
19620	16419	4	$\sqrt{\frac{-(Exp(u))^2 + (Exp(u))^2 w^2 - 1 + v^2}{-1 + v^2}}$	L	P	H	H
19621	16420	1	$\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}$	L	P	H	CD
19622	16421	1	$\frac{\sqrt{1 - v^2}}{Exp(u) \sqrt{-1 + w^2}}$	L	P	H	CDI
19623	16422	1	$\frac{Exp(u) \sqrt{-1 + w^2} \pi}{\sqrt{1 - v^2}}$	L	P	H	CDF
19624	16423	1	$\frac{\sqrt{1 - v^2}}{Exp(u) \sqrt{-1 + w^2} \pi}$	L	P	H	CDIF
19625	16424	1	$-\frac{(Exp(u))^2 (-1 + w^2)}{-1 + v^2}$	L	P	H	AB
19626	16424	2	$-\frac{(Exp(u))^2 (-1 + w^2)}{-1 + v^2}$	L	H	P	AB
19627	16425	1	$\sqrt{\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}}$	L	P	H	R
19628	16426	1	$\frac{(Exp(u))^3 (-1 + w^2)^{3/2}}{(1 - v^2)^{3/2}}$	L	P	H	K
19629	16427	1	$e^{\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}}$	L	P	H	E
19630	16428	1	$\log\left(\frac{Exp(u) \sqrt{-1 + w^2}}{\sqrt{1 - v^2}}\right)$	L	P	H	L

19631	16429	1	$\arcsin\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	L	P	H	S
19632	16430	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	L	P	H	T
19633	16431	1	$\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}$	L	H	CD	CD
19634	16432	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u)w}$	L	H	CD	CDI
19635	16432	2	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u)w}$	L	H	CDF	CDIF
19636	16433	1	$\frac{\text{Exp}(u)w\pi}{\sqrt{-1+v^2}}$	L	H	CD	CDF
19637	16434	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u)w\pi}$	L	H	CD	CDIF
19638	16435	1	$\frac{(\text{Exp}(u))^2 w^2}{-1+v^2}$	L	H	CD	AB
19639	16436	1	$\sqrt{\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}}$	L	H	CD	R
19640	16437	1	$\frac{(\text{Exp}(u))^3 w^3}{(-1+v^2)^{3/2}}$	L	H	CD	K
19641	16438	1	$e^{\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}}$	L	H	CD	E
19642	16439	1	$\log\left(\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}\right)$	L	H	CD	L
19643	16440	1	$\arcsin\left(\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}\right)$	L	H	CD	S
19644	16441	1	$\arctan\left(\frac{\text{Exp}(u)w}{\sqrt{-1+v^2}}\right)$	L	H	CD	T
19645	16442	1	$\frac{\text{Exp}(u)}{\sqrt{-1+v^2}w}$	L	H	CDI	CD

19646	16443	1	$\frac{\sqrt{-1+v^2}w}{Exp(u)}$	L	H	CDI	CDI
19647	16443	2	$\frac{\sqrt{-1+v^2}w}{Exp(u)}$	L	H	CDIF	CDIF
19648	16444	1	$\frac{Exp(u)\pi}{\sqrt{-1+v^2}w}$	L	H	CDI	CDF
19649	16445	1	$\frac{\sqrt{-1+v^2}w}{Exp(u)\pi}$	L	H	CDI	CDIF
19650	16446	1	$\frac{(Exp(u))^2}{w^2(-1+v^2)}$	L	H	CDI	AB
19651	16447	1	$\sqrt{\frac{Exp(u)}{\sqrt{-1+v^2}w}}$	L	H	CDI	R
19652	16448	1	$\frac{(Exp(u))^3}{(-1+v^2)^{3/2}w^3}$	L	H	CDI	K
19653	16449	1	$e^{\frac{Exp(u)}{\sqrt{-1+v^2}w}}$	L	H	CDI	E
19654	16450	1	$\log\left(\frac{Exp(u)}{\sqrt{-1+v^2}w}\right)$	L	H	CDI	L
19655	16451	1	$\arcsin\left(\frac{Exp(u)}{\sqrt{-1+v^2}w}\right)$	L	H	CDI	S
19656	16452	1	$\arctan\left(\frac{Exp(u)}{\sqrt{-1+v^2}w}\right)$	L	H	CDI	T
19657	16453	1	$\frac{Exp(u)w}{\sqrt{-1+v^2}\pi}$	L	H	CDF	CD
19658	16454	1	$\frac{\sqrt{-1+v^2}\pi}{Exp(u)w}$	L	H	CDF	CDI
19659	16455	1	$\frac{Exp(u)w}{\sqrt{(v-1)(v+1)}}$	L	H	CDF	CDF

19660	16456	1	$\frac{(Exp(u))^2 w^2}{\pi^2 (-1 + v^2)}$	L	H	CDF	AB
19661	16457	1	$\sqrt{\frac{Exp(u) w}{\sqrt{-1 + v^2} \pi}}$	L	H	CDF	R
19662	16458	1	$\frac{(Exp(u))^3 w^3}{(-1 + v^2)^{3/2} \pi^3}$	L	H	CDF	K
19663	16459	1	$e^{\frac{Exp(u) w}{\sqrt{-1 + v^2} \pi}}$	L	H	CDF	E
19664	16460	1	$\log\left(\frac{Exp(u) w}{\sqrt{-1 + v^2} \pi}\right)$	L	H	CDF	L
19665	16461	1	$\arcsin\left(\frac{Exp(u) w}{\sqrt{-1 + v^2} \pi}\right)$	L	H	CDF	S
19666	16462	1	$\arctan\left(\frac{Exp(u) w}{\sqrt{-1 + v^2} \pi}\right)$	L	H	CDF	T
19667	16463	1	$\frac{Exp(u)}{\sqrt{-1 + v^2} w \pi}$	L	H	CDIF	CD
19668	16464	1	$\frac{\sqrt{-1 + v^2} w \pi}{Exp(u)}$	L	H	CDIF	CDI
19669	16465	1	$\frac{Exp(u)}{\sqrt{(v-1)(v+1)} w}$	L	H	CDIF	CDF
19670	16466	1	$\frac{(Exp(u))^2}{w^2 \pi^2 (-1 + v^2)}$	L	H	CDIF	AB
19671	16467	1	$\sqrt{\frac{Exp(u)}{\sqrt{-1 + v^2} w \pi}}$	L	H	CDIF	R
19672	16468	1	$\frac{(Exp(u))^3}{(-1 + v^2)^{3/2} w^3 \pi^3}$	L	H	CDIF	K
19673	16469	1	$e^{\frac{Exp(u)}{\sqrt{-1 + v^2} w \pi}}$	L	H	CDIF	E
19674	16470	1	$\log\left(\frac{Exp(u)}{\sqrt{-1 + v^2} w \pi}\right)$	L	H	CDIF	L

19675	16471	1	$\arcsin\left(\frac{\text{Exp}(u)}{\sqrt{-1+v^2w\pi}}\right)$	L	H	CDIF	S
19676	16472	1	$\arctan\left(\frac{\text{Exp}(u)}{\sqrt{-1+v^2w\pi}}\right)$	L	H	CDIF	T
19677	16473	1	$\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}$	L	H	AB	CD
19678	16474	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u)\sqrt{w}}$	L	H	AB	CDI
19679	16475	1	$\frac{\text{Exp}(u)\sqrt{w\pi}}{\sqrt{-1+v^2}}$	L	H	AB	CDF
19680	16476	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u)\sqrt{w\pi}}$	L	H	AB	CDIF
19681	16477	1	$\frac{(\text{Exp}(u))^2 w}{-1+v^2}$	L	H	AB	AB
19682	16478	1	$\sqrt{\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}}$	L	H	AB	R
19683	16479	1	$\frac{(\text{Exp}(u))^3 w^{3/2}}{(-1+v^2)^{3/2}}$	L	H	AB	K
19684	16480	1	$e^{\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}}$	L	H	AB	E
19685	16481	1	$\log\left(\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	L	H	AB	L
19686	16482	1	$\arcsin\left(\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	L	H	AB	S
19687	16483	1	$\arctan\left(\frac{\text{Exp}(u)\sqrt{w}}{\sqrt{-1+v^2}}\right)$	L	H	AB	T
19688	16484	1	$\frac{\text{Exp}(u)w^2}{\sqrt{(v-1)(v+1)}}$	L	H	R	CD

19689	16485	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) w^2}$	L	H	R	CDI
19690	16486	1	$\frac{\text{Exp}(u) w^2 \pi}{\sqrt{(v-1)(v+1)}}$	L	H	R	CDF
19691	16487	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) w^2 \pi}$	L	H	R	CDIF
19692	16488	1	$\frac{(\text{Exp}(u))^2 w^4}{-1+v^2}$	L	H	R	AB
19693	16489	1	$\sqrt{\frac{\text{Exp}(u) w^2}{\sqrt{(v-1)(v+1)}}}$	L	H	R	R
19694	16490	1	$\frac{(\text{Exp}(u))^3 w^6}{(-1+v^2)^{3/2}}$	L	H	R	K
19695	16491	1	$e^{\frac{\text{Exp}(u) w^2}{\sqrt{(v-1)(v+1)}}}$	L	H	R	E
19696	16492	1	$\log\left(\frac{\text{Exp}(u) w^2}{\sqrt{(v-1)(v+1)}}$	L	H	R	L
19697	16493	1	$\arcsin\left(\frac{\text{Exp}(u) w^2}{\sqrt{(v-1)(v+1)}}$	L	H	R	S
19698	16494	1	$\arctan\left(\frac{\text{Exp}(u) w^2}{\sqrt{(v-1)(v+1)}}$	L	H	R	T
19699	16495	1	$\frac{\text{Exp}(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}$	L	H	K	CD
19700	16496	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sqrt[3]{w}}$	L	H	K	CDI
19701	16497	1	$\frac{\text{Exp}(u) \sqrt[3]{w} \pi}{\sqrt{-1+v^2}}$	L	H	K	CDF
19702	16498	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sqrt[3]{w} \pi}$	L	H	K	CDIF

19703 16499 1	$\frac{(Exp(u))^2 w^{2/3}}{-1+v^2}$	L	H	K	AB
19704 16500 1	$\sqrt{\frac{Exp(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	L	H	K	R
19705 16501 1	$\frac{(Exp(u))^3 w}{(-1+v^2)^{3/2}}$	L	H	K	K
19706 16502 1	$e^{\frac{Exp(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	L	H	K	E
19707 16503 1	$\log\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	L	H	K	L
19708 16504 1	$\arcsin\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	L	H	K	S
19709 16505 1	$\arctan\left(\frac{Exp(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	L	H	K	T
19710 16506 1	$\frac{Exp(u) \ln(w)}{\sqrt{-1+v^2}}$	L	H	E	CD
19711 16507 1	$\frac{\sqrt{-1+v^2}}{Exp(u) \ln(w)}$	L	H	E	CDI
19712 16508 1	$\frac{Exp(u) \ln(w) \pi}{\sqrt{-1+v^2}}$	L	H	E	CDF
19713 16509 1	$\frac{\sqrt{-1+v^2}}{Exp(u) \ln(w) \pi}$	L	H	E	CDIF
19714 16510 1	$\frac{(Exp(u))^2 (\ln(w))^2}{-1+v^2}$	L	H	E	AB
19715 16511 1	$\sqrt{\frac{Exp(u) \ln(w)}{\sqrt{-1+v^2}}}$	L	H	E	R
19716 16512 1	$\frac{(Exp(u))^3 (\ln(w))^3}{(-1+v^2)^{3/2}}$	L	H	E	K
19717 16513 1	$w^{\frac{Exp(u)}{\sqrt{-1+v^2}}}$	L	H	E	E

19718 16514 1	$\log \left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	L	H	E	L
19719 16515 1	$\arcsin \left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	L	H	E	S
19720 16516 1	$\arctan \left(\frac{\text{Exp}(u) \ln(w)}{\sqrt{-1+v^2}} \right)$	L	H	E	T
19721 16517 1	$\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}}$	L	H	L	CD
19722 16518 1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \text{Exp}(w)}$	L	H	L	CDI
19723 16519 1	$\frac{\text{Exp}(u) \text{Exp}(w) \pi}{\sqrt{-1+v^2}}$	L	H	L	CDF
19724 16520 1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \text{Exp}(w) \pi}$	L	H	L	CDIF
19725 16521 1	$\frac{(\text{Exp}(u))^2 (\text{Exp}(w))^2}{-1+v^2}$	L	H	L	AB
19726 16522 1	$\sqrt{\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}}}$	L	H	L	R
19727 16523 1	$\frac{(\text{Exp}(u))^3 (\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	L	H	L	K
19728 16524 1	$e^{\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}}}$	L	H	L	E
19729 16525 1	$\log \left(\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	L	H	L	L
19730 16526 1	$\arcsin \left(\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	L	H	L	S
19731 16527 1	$\arctan \left(\frac{\text{Exp}(u) \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	L	H	L	T

19732	16528	1	$\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}$	L	H	S	CD
19733	16529	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sin(w)}$	L	H	S	CDI
19734	16530	1	$\frac{\text{Exp}(u) \sin(w) \pi}{\sqrt{-1+v^2}}$	L	H	S	CDF
19735	16531	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sin(w) \pi}$	L	H	S	CDIF
19736	16532	1	$-\frac{(\text{Exp}(u))^2 \left(-1 + (\cos(w))^2\right)}{-1+v^2}$	L	H	S	AB
19737	16533	1	$\sqrt{\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}}$	L	H	S	R
19738	16534	1	$\frac{(\text{Exp}(u))^3 (\sin(w))^3}{(-1+v^2)^{3/2}}$	L	H	S	K
19739	16535	1	$e^{\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}}$	L	H	S	E
19740	16536	1	$\log\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	L	H	S	L
19741	16537	1	$\arcsin\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	L	H	S	S
19742	16538	1	$\arctan\left(\frac{\text{Exp}(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	L	H	S	T
19743	16539	1	$\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}$	L	H	T	CD
19744	16540	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \tan(w)}$	L	H	T	CDI
19745	16541	1	$\frac{\text{Exp}(u) \tan(w) \pi}{\sqrt{-1+v^2}}$	L	H	T	CDF

19746	16542	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \tan(w) \pi}$	L	H	T	CDIF
19747	16543	1	$\frac{(\text{Exp}(u))^2 (\tan(w))^2}{-1+v^2}$	L	H	T	AB
19748	16544	1	$\sqrt{\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}}$	L	H	T	R
19749	16545	1	$\frac{(\text{Exp}(u))^3 (\tan(w))^3}{(-1+v^2)^{3/2}}$	L	H	T	K
19750	16546	1	$e^{\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}}$	L	H	T	E
19751	16547	1	$\log\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	L	H	T	L
19752	16548	1	$\arcsin\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	L	H	T	S
19753	16549	1	$\arctan\left(\frac{\text{Exp}(u) \tan(w)}{\sqrt{-1+v^2}}\right)$	L	H	T	T
19754	16550	1	$\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	L	H	P	CD
19755	16551	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sqrt{1-w^2}}$	L	H	P	CDI
19756	16552	1	$\frac{\text{Exp}(u) \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	L	H	P	CDF
19757	16553	1	$\frac{\sqrt{-1+v^2}}{\text{Exp}(u) \sqrt{1-w^2} \pi}$	L	H	P	CDIF
19758	16554	1	$\sqrt{\frac{\text{Exp}(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	L	H	P	R
19759	16555	1	$\frac{(\text{Exp}(u))^3 (1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	L	H	P	K

19760	16556	1	$e^{\frac{Exp(u)\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	L	H	P	E
19761	16557	1	$\log\left(\frac{Exp(u)\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	L	H	P	L
19762	16558	1	$\arcsin\left(\frac{Exp(u)\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	L	H	P	S
19763	16559	1	$\arctan\left(\frac{Exp(u)\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	L	H	P	T
19764	16560	1	$\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	L	H	H	CD
19765	16561	1	$\frac{\sqrt{-1+v^2}}{Exp(u)\sqrt{-1+w^2}}$	L	H	H	CDI
19766	16562	1	$\frac{Exp(u)\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	L	H	H	CDF
19767	16563	1	$\frac{\sqrt{-1+v^2}}{Exp(u)\sqrt{-1+w^2}\pi}$	L	H	H	CDIF
19768	16564	1	$\sqrt{\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	L	H	H	R
19769	16565	1	$\frac{(Exp(u))^3(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	L	H	H	K
19770	16566	1	$e^{\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	L	H	H	E
19771	16567	1	$\log\left(\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	L	H	H	L
19772	16568	1	$\arcsin\left(\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	L	H	H	S
19773	16569	1	$\arctan\left(\frac{Exp(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	L	H	H	T

19774 16570 1	$\frac{\sin(u) w}{v}$	S	CD	CD	CD
19775 16570 2	$\frac{\sin(u) w}{v}$	S	CD	CDF	CDF
19776 16570 3	$\frac{\sin(u) w}{v}$	S	CDF	CDF	CD
19777 16571 1	$\frac{v}{\sin(u) w}$	S	CD	CD	CDI
19778 16571 2	$\frac{v}{\sin(u) w}$	S	CD	CDF	CDIF
19779 16571 3	$\frac{v}{\sin(u) w}$	S	CDF	CDF	CDI
19780 16572 1	$\frac{\sin(u) w \pi}{v}$	S	CD	CD	CDF
19781 16572 2	$\frac{\sin(u) w \pi}{v}$	S	CDF	CD	CD
19782 16572 3	$\frac{\sin(u) w \pi}{v}$	S	CDF	CDF	CDF
19783 16573 1	$\frac{v}{\sin(u) w \pi}$	S	CD	CD	CDIF
19784 16573 2	$\frac{v}{\sin(u) w \pi}$	S	CDF	CD	CDI
19785 16573 3	$\frac{v}{\sin(u) w \pi}$	S	CDF	CDF	CDIF
19786 16574 1	$\frac{(\sin(u))^2 w^2}{v^2}$	S	CD	CD	AB
19787 16574 2	$\frac{(\sin(u))^2 w^2}{v^2}$	S	CDF	CDF	AB
19788 16575 1	$\sqrt{\frac{\sin(u) w}{v}}$	S	CD	CD	R
19789 16575 2	$\sqrt{\frac{\sin(u) w}{v}}$	S	CDF	CDF	R
19790 16576 1	$\frac{(\sin(u))^3 w^3}{v^3}$	S	CD	CD	K
19791 16576 2	$\frac{(\sin(u))^3 w^3}{v^3}$	S	CDF	CDF	K

19792	16577	1	$e^{\frac{\sin(u)w}{v}}$	S	CD	CD	E
19793	16577	2	$e^{\frac{\sin(u)w}{v}}$	S	CDF	CDF	E
19794	16578	1	$\log\left(\frac{\sin(u)w}{v}\right)$	S	CD	CD	L
19795	16578	2	$\log\left(\frac{\sin(u)w}{v}\right)$	S	CDF	CDF	L
19796	16579	1	$\arcsin\left(\frac{\sin(u)w}{v}\right)$	S	CD	CD	S
19797	16579	2	$\arcsin\left(\frac{\sin(u)w}{v}\right)$	S	CDF	CDF	S
19798	16580	1	$\arctan\left(\frac{\sin(u)w}{v}\right)$	S	CD	CD	T
19799	16580	2	$\arctan\left(\frac{\sin(u)w}{v}\right)$	S	CDF	CDF	T
19800	16581	1	$\sqrt{\frac{v^2 - w^2 + w^2 (\cos(u))^2}{v^2}}$	S	CD	CD	P
19801	16581	2	$\sqrt{\frac{v^2 - w^2 + w^2 (\cos(u))^2}{v^2}}$	S	CDF	CDF	P
19802	16582	1	$\sqrt{-\frac{v^2 - w^2 + w^2 (\cos(u))^2}{v^2}}$	S	CD	CD	H
19803	16582	2	$\sqrt{-\frac{v^2 - w^2 + w^2 (\cos(u))^2}{v^2}}$	S	CDF	CDF	H
19804	16583	1	$\frac{\sin(u)}{vw}$	S	CD	CDI	CD
19805	16583	2	$\frac{\sin(u)}{vw}$	S	CD	CDIF	CDF
19806	16583	3	$\frac{\sin(u)}{vw}$	S	CDF	CDIF	CD
19807	16584	1	$\frac{vw}{\sin(u)}$	S	CD	CDI	CDI
19808	16584	2	$\frac{vw}{\sin(u)}$	S	CD	CDIF	CDIF

19809 16584 3	$\frac{vw}{\sin(u)}$	S	CDF	CDIF	CDI
19810 16585 1	$\frac{\sin(u)\pi}{vw}$	S	CD	CDI	CDF
19811 16585 2	$\frac{\sin(u)\pi}{vw}$	S	CDF	CDI	CD
19812 16585 3	$\frac{\sin(u)\pi}{vw}$	S	CDF	CDIF	CDF
19813 16586 1	$\frac{vw}{\sin(u)\pi}$	S	CD	CDI	CDIF
19814 16586 2	$\frac{vw}{\sin(u)\pi}$	S	CDF	CDI	CDI
19815 16586 3	$\frac{vw}{\sin(u)\pi}$	S	CDF	CDIF	CDIF
19816 16587 1	$\frac{(\sin(u))^2}{v^2w^2}$	S	CD	CDI	AB
19817 16587 2	$\frac{(\sin(u))^2}{v^2w^2}$	S	CDF	CDIF	AB
19818 16588 1	$\sqrt{\frac{\sin(u)}{vw}}$	S	CD	CDI	R
19819 16588 2	$\sqrt{\frac{\sin(u)}{vw}}$	S	CDF	CDIF	R
19820 16589 1	$\frac{(\sin(u))^3}{v^3w^3}$	S	CD	CDI	K
19821 16589 2	$\frac{(\sin(u))^3}{v^3w^3}$	S	CDF	CDIF	K
19822 16590 1	$e^{\frac{\sin(u)}{vw}}$	S	CD	CDI	E
19823 16590 2	$e^{\frac{\sin(u)}{vw}}$	S	CDF	CDIF	E
19824 16591 1	$\log\left(\frac{\sin(u)}{vw}\right)$	S	CD	CDI	L
19825 16591 2	$\log\left(\frac{\sin(u)}{vw}\right)$	S	CDF	CDIF	L
19826 16592 1	$\arcsin\left(\frac{\sin(u)}{vw}\right)$	S	CD	CDI	S

19827	16592	2	$\arcsin\left(\frac{\sin(u)}{vw}\right)$	S	CDF	CDIF	S
19828	16593	1	$\arctan\left(\frac{\sin(u)}{vw}\right)$	S	CD	CDI	T
19829	16593	2	$\arctan\left(\frac{\sin(u)}{vw}\right)$	S	CDF	CDIF	T
19830	16594	1	$\sqrt{\frac{v^2w^2 - 1 + (\cos(u))^2}{v^2w^2}}$	S	CD	CDI	P
19831	16594	2	$\sqrt{\frac{v^2w^2 - 1 + (\cos(u))^2}{v^2w^2}}$	S	CDF	CDIF	P
19832	16595	1	$\sqrt{\frac{v^2w^2 + 1 - (\cos(u))^2}{v^2w^2}}$	S	CD	CDI	H
19833	16595	2	$\sqrt{\frac{v^2w^2 + 1 - (\cos(u))^2}{v^2w^2}}$	S	CDF	CDIF	H
19834	16596	1	$\frac{\sin(u) w}{v\pi}$	S	CD	CDF	CD
19835	16597	1	$\frac{v\pi}{\sin(u) w}$	S	CD	CDF	CDI
19836	16598	1	$\frac{(\sin(u))^2 w^2}{v^2\pi^2}$	S	CD	CDF	AB
19837	16599	1	$\sqrt{\frac{\sin(u) w}{v\pi}}$	S	CD	CDF	R
19838	16600	1	$\frac{(\sin(u))^3 w^3}{v^3\pi^3}$	S	CD	CDF	K
19839	16601	1	$e^{\frac{\sin(u) w}{v\pi}}$	S	CD	CDF	E
19840	16602	1	$\log\left(\frac{\sin(u) w}{v\pi}\right)$	S	CD	CDF	L
19841	16603	1	$\arcsin\left(\frac{\sin(u) w}{v\pi}\right)$	S	CD	CDF	S

19842	16604	1	$\arctan\left(\frac{\sin(u) w}{v\pi}\right)$	S	CD	CDF	T
19843	16605	1	$\sqrt{\frac{v^2\pi^2 - w^2 + w^2(\cos(u))^2}{v^2\pi^2}}$	S	CD	CDF	P
19844	16606	1	$\sqrt{\frac{v^2\pi^2 + w^2 - w^2(\cos(u))^2}{v^2\pi^2}}$	S	CD	CDF	H
19845	16607	1	$\frac{\sin(u)}{vw\pi}$	S	CD	CDIF	CD
19846	16608	1	$\frac{vw\pi}{\sin(u)}$	S	CD	CDIF	CDI
19847	16609	1	$\frac{(\sin(u))^2}{v^2w^2\pi^2}$	S	CD	CDIF	AB
19848	16610	1	$\sqrt{\frac{\sin(u)}{vw\pi}}$	S	CD	CDIF	R
19849	16611	1	$\frac{(\sin(u))^3}{v^3w^3\pi^3}$	S	CD	CDIF	K
19850	16612	1	$e^{\frac{\sin(u)}{vw\pi}}$	S	CD	CDIF	E
19851	16613	1	$\log\left(\frac{\sin(u)}{vw\pi}\right)$	S	CD	CDIF	L
19852	16614	1	$\arcsin\left(\frac{\sin(u)}{vw\pi}\right)$	S	CD	CDIF	S
19853	16615	1	$\arctan\left(\frac{\sin(u)}{vw\pi}\right)$	S	CD	CDIF	T
19854	16616	1	$\sqrt{\frac{v^2w^2\pi^2 - 1 + (\cos(u))^2}{v^2w^2\pi^2}}$	S	CD	CDIF	P
19855	16617	1	$\sqrt{\frac{v^2w^2\pi^2 + 1 - (\cos(u))^2}{v^2w^2\pi^2}}$	S	CD	CDIF	H

19856	16618	1	$\frac{\sin(u) \sqrt{w}}{v}$	S	CD	AB	CD
19857	16619	1	$\frac{v}{\sin(u) \sqrt{w}}$	S	CD	AB	CDI
19858	16620	1	$\frac{\sin(u) \sqrt{w} \pi}{v}$	S	CD	AB	CDF
19859	16620	2	$\frac{\sin(u) \sqrt{w} \pi}{v}$	S	CDF	AB	CD
19860	16621	1	$\frac{v}{\sin(u) \sqrt{w} \pi}$	S	CD	AB	CDIF
19861	16621	2	$\frac{v}{\sin(u) \sqrt{w} \pi}$	S	CDF	AB	CDI
19862	16622	1	$\frac{(\sin(u))^2 w}{v^2}$	S	CD	AB	AB
19863	16623	1	$\sqrt{\frac{\sin(u) \sqrt{w}}{v}}$	S	CD	AB	R
19864	16624	1	$\frac{(\sin(u))^3 w^{3/2}}{v^3}$	S	CD	AB	K
19865	16625	1	$e^{\frac{\sin(u) \sqrt{w}}{v}}$	S	CD	AB	E
19866	16626	1	$\log\left(\frac{\sin(u) \sqrt{w}}{v}\right)$	S	CD	AB	L
19867	16627	1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{v}\right)$	S	CD	AB	S
19868	16628	1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{v}\right)$	S	CD	AB	T
19869	16629	1	$\sqrt{\frac{v^2 - w + w (\cos(u))^2}{v^2}}$	S	CD	AB	P
19870	16630	1	$\sqrt{-\frac{v^2 - w + w (\cos(u))^2}{v^2}}$	S	CD	AB	H

19871 16631 1	$\frac{\sin(u) w^2}{v}$	S	CD	R	CD
19872 16632 1	$\frac{v}{\sin(u) w^2}$	S	CD	R	CDI
19873 16633 1	$\frac{\sin(u) w^2 \pi}{v}$	S	CD	R	CDF
19874 16633 2	$\frac{\sin(u) w^2 \pi}{v}$	S	CDF	R	CD
19875 16634 1	$\frac{v}{\sin(u) w^2 \pi}$	S	CD	R	CDIF
19876 16634 2	$\frac{v}{\sin(u) w^2 \pi}$	S	CDF	R	CDI
19877 16635 1	$\frac{(\sin(u))^2 w^4}{v^2}$	S	CD	R	AB
19878 16636 1	$\sqrt{\frac{\sin(u) w^2}{v}}$	S	CD	R	R
19879 16637 1	$\frac{(\sin(u))^3 w^6}{v^3}$	S	CD	R	K
19880 16638 1	$e^{\frac{\sin(u) w^2}{v}}$	S	CD	R	E
19881 16639 1	$\log\left(\frac{\sin(u) w^2}{v}\right)$	S	CD	R	L
19882 16640 1	$\arcsin\left(\frac{\sin(u) w^2}{v}\right)$	S	CD	R	S
19883 16641 1	$\arctan\left(\frac{\sin(u) w^2}{v}\right)$	S	CD	R	T
19884 16642 1	$\sqrt{\frac{v^2 - w^4 + w^4 (\cos(u))^2}{v^2}}$	S	CD	R	P
19885 16643 1	$\sqrt{-\frac{v^2 - w^4 + w^4 (\cos(u))^2}{v^2}}$	S	CD	R	H

19886	16644	1	$\frac{\sin(u) \sqrt[3]{w}}{v}$	S	CD	K	CD
19887	16645	1	$\frac{v}{\sin(u) \sqrt[3]{w}}$	S	CD	K	CDI
19888	16646	1	$\frac{\sin(u) \sqrt[3]{w\pi}}{v}$	S	CD	K	CDF
19889	16646	2	$\frac{\sin(u) \sqrt[3]{w\pi}}{v}$	S	CDF	K	CD
19890	16647	1	$\frac{v}{\sin(u) \sqrt[3]{w\pi}}$	S	CD	K	CDIF
19891	16647	2	$\frac{v}{\sin(u) \sqrt[3]{w\pi}}$	S	CDF	K	CDI
19892	16648	1	$\frac{(\sin(u))^2 w^{2/3}}{v^2}$	S	CD	K	AB
19893	16649	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{v}}$	S	CD	K	R
19894	16650	1	$\frac{(\sin(u))^3 w}{v^3}$	S	CD	K	K
19895	16651	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{v}}$	S	CD	K	E
19896	16652	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{v}\right)$	S	CD	K	L
19897	16653	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{v}\right)$	S	CD	K	S
19898	16654	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w}}{v}\right)$	S	CD	K	T
19899	16655	1	$\sqrt{\frac{v^2 + w^{2/3} (\cos(u))^2 - w^{2/3}}{v^2}}$	S	CD	K	P
19900	16656	1	$\sqrt{\frac{v^2 - w^{2/3} (\cos(u))^2 + w^{2/3}}{v^2}}$	S	CD	K	H

19901	16657	1	$\frac{\sin(u) \ln(w)}{v}$	S	CD	E	CD
19902	16658	1	$\frac{v}{\sin(u) \ln(w)}$	S	CD	E	CDI
19903	16659	1	$\frac{\sin(u) \ln(w) \pi}{v}$	S	CD	E	CDF
19904	16659	2	$\frac{\sin(u) \ln(w) \pi}{v}$	S	CDF	E	CD
19905	16660	1	$\frac{v}{\sin(u) \ln(w) \pi}$	S	CD	E	CDIF
19906	16660	2	$\frac{v}{\sin(u) \ln(w) \pi}$	S	CDF	E	CDI
19907	16661	1	$\frac{(\sin(u))^2 (\ln(w))^2}{v^2}$	S	CD	E	AB
19908	16662	1	$\sqrt{\frac{\sin(u) \ln(w)}{v}}$	S	CD	E	R
19909	16663	1	$\frac{(\sin(u))^3 (\ln(w))^3}{v^3}$	S	CD	E	K
19910	16664	1	$w^{\frac{\sin(u)}{v}}$	S	CD	E	E
19911	16665	1	$\log\left(\frac{\sin(u) \ln(w)}{v}\right)$	S	CD	E	L
19912	16666	1	$\arcsin\left(\frac{\sin(u) \ln(w)}{v}\right)$	S	CD	E	S
19913	16667	1	$\arctan\left(\frac{\sin(u) \ln(w)}{v}\right)$	S	CD	E	T
19914	16668	1	$\sqrt{\frac{v^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{v^2}}$	S	CD	E	P
19915	16669	1	$\sqrt{\frac{v^2 + (\ln(w))^2 - (\ln(w))^2 (\cos(u))^2}{v^2}}$	S	CD	E	H

19916	16670	1	$\frac{\sin(u) \operatorname{Exp}(w)}{v}$	S	CD	L	CD
19917	16671	1	$\frac{v}{\sin(u) \operatorname{Exp}(w)}$	S	CD	L	CDI
19918	16672	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{v}$	S	CD	L	CDF
19919	16672	2	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{v}$	S	CDF	L	CD
19920	16673	1	$\frac{v}{\sin(u) \operatorname{Exp}(w) \pi}$	S	CD	L	CDIF
19921	16673	2	$\frac{v}{\sin(u) \operatorname{Exp}(w) \pi}$	S	CDF	L	CDI
19922	16674	1	$\frac{(\sin(u))^2 (\operatorname{Exp}(w))^2}{v^2}$	S	CD	L	AB
19923	16675	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{v}}$	S	CD	L	R
19924	16676	1	$\frac{(\sin(u))^3 (\operatorname{Exp}(w))^3}{v^3}$	S	CD	L	K
19925	16677	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{v}}$	S	CD	L	E
19926	16678	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{v}\right)$	S	CD	L	L
19927	16679	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{v}\right)$	S	CD	L	S
19928	16680	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{v}\right)$	S	CD	L	T
19929	16681	1	$\sqrt{\frac{v^2 - (\operatorname{Exp}(w))^2 + (\operatorname{Exp}(w))^2 (\cos(u))^2}{v^2}}$	S	CD	L	P
19930	16682	1	$\sqrt{\frac{v^2 + (\operatorname{Exp}(w))^2 - (\operatorname{Exp}(w))^2 (\cos(u))^2}{v^2}}$	S	CD	L	H

19931	16683	1	$\frac{\sin(u) \sin(w)}{v}$	S	CD	S	CD
19932	16684	1	$\frac{v}{\sin(u) \sin(w)}$	S	CD	S	CDI
19933	16685	1	$\frac{\sin(u) \sin(w) \pi}{v}$	S	CD	S	CDF
19934	16685	2	$\frac{\sin(u) \sin(w) \pi}{v}$	S	CDF	S	CD
19935	16686	1	$\frac{v}{\sin(u) \sin(w) \pi}$	S	CD	S	CDIF
19936	16686	2	$\frac{v}{\sin(u) \sin(w) \pi}$	S	CDF	S	CDI
19937	16687	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^2}$	S	CD	S	AB
19938	16688	1	$\sqrt{\frac{\sin(u) \sin(w)}{v}}$	S	CD	S	R
19939	16689	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v^3}$	S	CD	S	K
19940	16690	1	$e^{\frac{\sin(u) \sin(w)}{v}}$	S	CD	S	E
19941	16691	1	$\log\left(\frac{\sin(u) \sin(w)}{v}\right)$	S	CD	S	L
19942	16692	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{v}\right)$	S	CD	S	S
19943	16693	1	$\arctan\left(\frac{\sin(u) \sin(w)}{v}\right)$	S	CD	S	T
19944	16694	1	$\sqrt{\frac{v^2 - 1 + (\cos(w))^2 + (\cos(u))^2}{v^2}}$	S	CD	S	P
19945	16695	1	$\sqrt{\frac{v^2 + 1 - (\cos(w))^2 - (\cos(u))^2}{v^2}}$	S	CD	S	H

19946	16696	1	$\frac{\sin(u) \sin(w)}{v \cos(w)}$	S	CD	T	CD
19947	16697	1	$\frac{v \cos(w)}{\sin(u) \sin(w)}$	S	CD	T	CDI
19948	16698	1	$\frac{\sin(u) \sin(w) \pi}{v \cos(w)}$	S	CD	T	CDF
19949	16698	2	$\frac{\sin(u) \sin(w) \pi}{v \cos(w)}$	S	CDF	T	CD
19950	16699	1	$\frac{v \cos(w)}{\sin(u) \sin(w) \pi}$	S	CD	T	CDIF
19951	16699	2	$\frac{v \cos(w)}{\sin(u) \sin(w) \pi}$	S	CDF	T	CDI
19952	16700	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^2 (\cos(w))^2}$	S	CD	T	AB
19953	16701	1	$\sqrt{\frac{\sin(u) \sin(w)}{v \cos(w)}}$	S	CD	T	R
19954	16702	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v^3 (\cos(w))^3}$	S	CD	T	K
19955	16703	1	$e^{\frac{\sin(u) \sin(w)}{v \cos(w)}}$	S	CD	T	E
19956	16704	1	$\log\left(\frac{\sin(u) \sin(w)}{v \cos(w)}\right)$	S	CD	T	L
19957	16705	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{v \cos(w)}\right)$	S	CD	T	S
19958	16706	1	$\arctan\left(\frac{\sin(u) \sin(w)}{v \cos(w)}\right)$	S	CD	T	T
19959	16707	1	$\sqrt{\frac{v^2 (\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(w))^2}}$	S	CD	T	P
19960	16708	1	$\sqrt{\frac{v^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(w))^2}}$	S	CD	T	H

19961	16709	1	$\frac{\sin(u) \sqrt{1-w^2}}{v}$	S	CD	P	CD
19962	16710	1	$\frac{v}{\sin(u) \sqrt{1-w^2}}$	S	CD	P	CDI
19963	16711	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{v}$	S	CD	P	CDF
19964	16711	2	$\frac{\sin(u) \sqrt{1-w^2} \pi}{v}$	S	CDF	P	CD
19965	16712	1	$\frac{v}{\sin(u) \sqrt{1-w^2} \pi}$	S	CD	P	CDIF
19966	16712	2	$\frac{v}{\sin(u) \sqrt{1-w^2} \pi}$	S	CDF	P	CDI
19967	16713	1	$-\frac{(\sin(u))^2 (-1+w^2)}{v^2}$	S	CD	P	AB
19968	16714	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{v}}$	S	CD	P	R
19969	16715	1	$\frac{(\sin(u))^3 (1-w^2)^{3/2}}{v^3}$	S	CD	P	K
19970	16716	1	$e^{\frac{\sin(u) \sqrt{1-w^2}}{v}}$	S	CD	P	E
19971	16717	1	$\log\left(\frac{\sin(u) \sqrt{1-w^2}}{v}\right)$	S	CD	P	L
19972	16718	1	$\arcsin\left(\frac{\sin(u) \sqrt{1-w^2}}{v}\right)$	S	CD	P	S
19973	16719	1	$\arctan\left(\frac{\sin(u) \sqrt{1-w^2}}{v}\right)$	S	CD	P	T
19974	16720	1	$\sqrt{-\frac{-v^2+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^2}}$	S	CD	P	P
19975	16720	2	$\sqrt{-\frac{-v^2+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^2}}$	S	CD	H	H

19976	16721	1	$\sqrt{\frac{v^2 + 1 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{v^2}}$	S	CD	P	H
19977	16721	2	$\sqrt{\frac{v^2 + 1 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{v^2}}$	S	CD	H	P
19978	16722	1	$\frac{\sin(u) \sqrt{-1 + w^2}}{v}$	S	CD	H	CD
19979	16723	1	$\frac{v}{\sin(u) \sqrt{-1 + w^2}}$	S	CD	H	CDI
19980	16724	1	$\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}$	S	CD	H	CDF
19981	16724	2	$\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}$	S	CDF	H	CD
19982	16725	1	$\frac{v}{\sin(u) \sqrt{-1 + w^2} \pi}$	S	CD	H	CDIF
19983	16725	2	$\frac{v}{\sin(u) \sqrt{-1 + w^2} \pi}$	S	CDF	H	CDI
19984	16726	1	$\frac{(\sin(u))^2 (-1 + w^2)}{v^2}$	S	CD	H	AB
19985	16727	1	$\sqrt{\frac{\sin(u) \sqrt{-1 + w^2}}{v}}$	S	CD	H	R
19986	16728	1	$\frac{(\sin(u))^3 (-1 + w^2)^{3/2}}{v^3}$	S	CD	H	K
19987	16729	1	$e^{\frac{\sin(u) \sqrt{-1 + w^2}}{v}}$	S	CD	H	E
19988	16730	1	$\log\left(\frac{\sin(u) \sqrt{-1 + w^2}}{v}\right)$	S	CD	H	L
19989	16731	1	$\arcsin\left(\frac{\sin(u) \sqrt{-1 + w^2}}{v}\right)$	S	CD	H	S

19990 16732 1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{v}\right)$	S	CD	H	T
19991 16733 1	$\sin(u)vw$	S	CDI	CD	CD
19992 16733 2	$\sin(u)vw$	S	CDI	CDF	CDF
19993 16733 3	$\sin(u)vw$	S	CDIF	CDF	CD
19994 16734 1	$\frac{1}{\sin(u)vw}$	S	CDI	CD	CDI
19995 16734 2	$\frac{1}{\sin(u)vw}$	S	CDI	CDF	CDIF
19996 16734 3	$\frac{1}{\sin(u)vw}$	S	CDIF	CDF	CDI
19997 16735 1	$\sin(u)vw\pi$	S	CDI	CD	CDF
19998 16735 2	$\sin(u)vw\pi$	S	CDIF	CD	CD
19999 16735 3	$\sin(u)vw\pi$	S	CDIF	CDF	CDF
20000 16736 1	$\frac{1}{\sin(u)vw\pi}$	S	CDI	CD	CDIF
20001 16736 2	$\frac{1}{\sin(u)vw\pi}$	S	CDIF	CD	CDI
20002 16736 3	$\frac{1}{\sin(u)vw\pi}$	S	CDIF	CDF	CDIF
20003 16737 1	$(\sin(u))^2 v^2 w^2$	S	CDI	CD	AB
20004 16737 2	$(\sin(u))^2 v^2 w^2$	S	CDIF	CDF	AB
20005 16738 1	$\sqrt{\sin(u)vw}$	S	CDI	CD	R
20006 16738 2	$\sqrt{\sin(u)vw}$	S	CDIF	CDF	R
20007 16739 1	$(\sin(u))^3 v^3 w^3$	S	CDI	CD	K
20008 16739 2	$(\sin(u))^3 v^3 w^3$	S	CDIF	CDF	K
20009 16740 1	$e^{\sin(u)vw}$	S	CDI	CD	E
20010 16740 2	$e^{\sin(u)vw}$	S	CDIF	CDF	E

20011	16741	1	$\log (\sin (u) v w)$	S	CDI	CD	L
20012	16741	2	$\log (\sin (u) v w)$	S	CDIF	CDF	L
20013	16742	1	$\arcsin (\sin (u) v w)$	S	CDI	CD	S
20014	16742	2	$\arcsin (\sin (u) v w)$	S	CDIF	CDF	S
20015	16743	1	$\arctan (\sin (u) v w)$	S	CDI	CD	T
20016	16743	2	$\arctan (\sin (u) v w)$	S	CDIF	CDF	T
20017	16744	1	$\sqrt{1-v^2 w^2+v^2 w^2(\cos (u))^2}$	S	CDI	CD	P
20018	16744	2	$\sqrt{1-v^2 w^2+v^2 w^2(\cos (u))^2}$	S	CDIF	CDF	P
20019	16745	1	$\sqrt{1+v^2 w^2-v^2 w^2(\cos (u))^2}$	S	CDI	CD	H
20020	16745	2	$\sqrt{1+v^2 w^2-v^2 w^2(\cos (u))^2}$	S	CDIF	CDF	H
20021	16746	1	$\frac{\sin (u) v}{w}$	S	CDI	CDI	CD
20022	16746	2	$\frac{\sin (u) v}{w}$	S	CDI	CDIF	CDF
20023	16746	3	$\frac{\sin (u) v}{w}$	S	CDIF	CDIF	CD
20024	16747	1	$\frac{w}{\sin (u) v}$	S	CDI	CDI	CDI
20025	16747	2	$\frac{w}{\sin (u) v}$	S	CDI	CDIF	CDIF
20026	16747	3	$\frac{w}{\sin (u) v}$	S	CDIF	CDIF	CDI
20027	16748	1	$\frac{\sin (u) v \pi}{w}$	S	CDI	CDI	CDF
20028	16748	2	$\frac{\sin (u) v \pi}{w}$	S	CDIF	CDI	CD
20029	16748	3	$\frac{\sin (u) v \pi}{w}$	S	CDIF	CDIF	CDF
20030	16749	1	$\frac{w}{\sin (u) v \pi}$	S	CDI	CDI	CDIF

20031	16749	2	$\frac{w}{\sin(u) v \pi}$	S	CDIF	CDI	CDI
20032	16749	3	$\frac{w}{\sin(u) v \pi}$	S	CDIF	CDIF	CDIF
20033	16750	1	$\frac{(\sin(u))^2 v^2}{w^2}$	S	CDI	CDI	AB
20034	16750	2	$\frac{(\sin(u))^2 v^2}{w^2}$	S	CDIF	CDIF	AB
20035	16751	1	$\sqrt{\frac{\sin(u) v}{w}}$	S	CDI	CDI	R
20036	16751	2	$\sqrt{\frac{\sin(u) v}{w}}$	S	CDIF	CDIF	R
20037	16752	1	$\frac{(\sin(u))^3 v^3}{w^3}$	S	CDI	CDI	K
20038	16752	2	$\frac{(\sin(u))^3 v^3}{w^3}$	S	CDIF	CDIF	K
20039	16753	1	$e^{\frac{\sin(u) v}{w}}$	S	CDI	CDI	E
20040	16753	2	$e^{\frac{\sin(u) v}{w}}$	S	CDIF	CDIF	E
20041	16754	1	$\log\left(\frac{\sin(u) v}{w}\right)$	S	CDI	CDI	L
20042	16754	2	$\log\left(\frac{\sin(u) v}{w}\right)$	S	CDIF	CDIF	L
20043	16755	1	$\arcsin\left(\frac{\sin(u) v}{w}\right)$	S	CDI	CDI	S
20044	16755	2	$\arcsin\left(\frac{\sin(u) v}{w}\right)$	S	CDIF	CDIF	S
20045	16756	1	$\arctan\left(\frac{\sin(u) v}{w}\right)$	S	CDI	CDI	T
20046	16756	2	$\arctan\left(\frac{\sin(u) v}{w}\right)$	S	CDIF	CDIF	T
20047	16757	1	$\sqrt{\frac{w^2 - v^2 + v^2 (\cos(u))^2}{w^2}}$	S	CDI	CDI	P

20048	16757	2	$\sqrt{\frac{w^2 - v^2 + v^2 (\cos (u))^2}{w^2}}$	S	CDIF	CDIF	P
20049	16758	1	$\sqrt{\frac{w^2 + v^2 - v^2 (\cos (u))^2}{w^2}}$	S	CDI	CDI	H
20050	16758	2	$\sqrt{\frac{w^2 + v^2 - v^2 (\cos (u))^2}{w^2}}$	S	CDIF	CDIF	H
20051	16759	1	$\frac{\sin (u) v w}{\pi}$	S	CDI	CDF	CD
20052	16760	1	$\frac{\pi}{\sin (u) v w}$	S	CDI	CDF	CDI
20053	16761	1	$\frac{(\sin (u))^2 v^2 w^2}{\pi^2}$	S	CDI	CDF	AB
20054	16762	1	$\sqrt{\frac{\sin (u) v w}{\pi}}$	S	CDI	CDF	R
20055	16763	1	$\frac{(\sin (u))^3 v^3 w^3}{\pi^3}$	S	CDI	CDF	K
20056	16764	1	$e^{\frac{\sin (u) v w}{\pi}}$	S	CDI	CDF	E
20057	16765	1	$\log \left(\frac{\sin (u) v w}{\pi} \right)$	S	CDI	CDF	L
20058	16766	1	$\arcsin \left(\frac{\sin (u) v w}{\pi} \right)$	S	CDI	CDF	S
20059	16767	1	$\arctan \left(\frac{\sin (u) v w}{\pi} \right)$	S	CDI	CDF	T
20060	16768	1	$\sqrt{\frac{\pi^2 - v^2 w^2 + v^2 w^2 (\cos (u))^2}{\pi^2}}$	S	CDI	CDF	P
20061	16769	1	$\sqrt{\frac{\pi^2 + v^2 w^2 - v^2 w^2 (\cos (u))^2}{\pi^2}}$	S	CDI	CDF	H

20062	16770	1	$\frac{\sin(u) v}{w \pi}$	S	CDI	CDIF	CD
20063	16771	1	$\frac{w \pi}{\sin(u) v}$	S	CDI	CDIF	CDI
20064	16772	1	$\frac{(\sin(u))^2 v^2}{w^2 \pi^2}$	S	CDI	CDIF	AB
20065	16773	1	$\sqrt{\frac{\sin(u) v}{w \pi}}$	S	CDI	CDIF	R
20066	16774	1	$\frac{(\sin(u))^3 v^3}{w^3 \pi^3}$	S	CDI	CDIF	K
20067	16775	1	$e^{\frac{\sin(u) v}{w \pi}}$	S	CDI	CDIF	E
20068	16776	1	$\log\left(\frac{\sin(u) v}{w \pi}\right)$	S	CDI	CDIF	L
20069	16777	1	$\arcsin\left(\frac{\sin(u) v}{w \pi}\right)$	S	CDI	CDIF	S
20070	16778	1	$\arctan\left(\frac{\sin(u) v}{w \pi}\right)$	S	CDI	CDIF	T
20071	16779	1	$\sqrt{\frac{w^2 \pi^2 - v^2 + v^2 (\cos(u))^2}{w^2 \pi^2}}$	S	CDI	CDIF	P
20072	16780	1	$\sqrt{\frac{w^2 \pi^2 + v^2 - v^2 (\cos(u))^2}{w^2 \pi^2}}$	S	CDI	CDIF	H
20073	16781	1	$\sin(u) v \sqrt{w}$	S	CDI	AB	CD
20074	16782	1	$\frac{1}{\sin(u) v \sqrt{w}}$	S	CDI	AB	CDI
20075	16783	1	$\sin(u) v \sqrt{w \pi}$	S	CDI	AB	CDF
20076	16783	2	$\sin(u) v \sqrt{w \pi}$	S	CDIF	AB	CD

20077	16784	1	$\frac{1}{\sin(u) v \sqrt{w} \pi}$	S	CDI	AB	CDIF
20078	16784	2	$\frac{1}{\sin(u) v \sqrt{w} \pi}$	S	CDIF	AB	CDI
20079	16785	1	$(\sin(u))^2 v^2 w$	S	CDI	AB	AB
20080	16786	1	$\sqrt{\sin(u) v \sqrt{w}}$	S	CDI	AB	R
20081	16787	1	$(\sin(u))^3 v^3 w^{3/2}$	S	CDI	AB	K
20082	16788	1	$e^{\sin(u) v \sqrt{w}}$	S	CDI	AB	E
20083	16789	1	$\log(\sin(u) v \sqrt{w})$	S	CDI	AB	L
20084	16790	1	$\arcsin(\sin(u) v \sqrt{w})$	S	CDI	AB	S
20085	16791	1	$\arctan(\sin(u) v \sqrt{w})$	S	CDI	AB	T
20086	16792	1	$\sqrt{1 - v^2 w + v^2 w (\cos(u))^2}$	S	CDI	AB	P
20087	16793	1	$\sqrt{1 + v^2 w - v^2 w (\cos(u))^2}$	S	CDI	AB	H
20088	16794	1	$\sin(u) v w^2$	S	CDI	R	CD
20089	16795	1	$\frac{1}{\sin(u) v w^2}$	S	CDI	R	CDI
20090	16796	1	$\sin(u) v w^2 \pi$	S	CDI	R	CDF
20091	16796	2	$\sin(u) v w^2 \pi$	S	CDIF	R	CD
20092	16797	1	$\frac{1}{\sin(u) v w^2 \pi}$	S	CDI	R	CDIF
20093	16797	2	$\frac{1}{\sin(u) v w^2 \pi}$	S	CDIF	R	CDI

20094	16798	1	$(\sin(u))^2 v^2 w^4$	S	CDI	R	AB
20095	16799	1	$\sqrt{\sin(u) v w^2}$	S	CDI	R	R
20096	16800	1	$(\sin(u))^3 v^3 w^6$	S	CDI	R	K
20097	16801	1	$e^{\sin(u) v w^2}$	S	CDI	R	E
20098	16802	1	$\log(\sin(u) v w^2)$	S	CDI	R	L
20099	16803	1	$\arcsin(\sin(u) v w^2)$	S	CDI	R	S
20100	16804	1	$\arctan(\sin(u) v w^2)$	S	CDI	R	T
20101	16805	1	$\sqrt{1 - v^2 w^4 + v^2 w^4 (\cos(u))^2}$	S	CDI	R	P
20102	16806	1	$\sqrt{1 + v^2 w^4 - v^2 w^4 (\cos(u))^2}$	S	CDI	R	H
20103	16807	1	$\sin(u) v \sqrt[3]{w}$	S	CDI	K	CD
20104	16808	1	$\frac{1}{\sin(u) v \sqrt[3]{w}}$	S	CDI	K	CDI
20105	16809	1	$\sin(u) v \sqrt[3]{w \pi}$	S	CDI	K	CDF
20106	16809	2	$\sin(u) v \sqrt[3]{w \pi}$	S	CDIF	K	CD
20107	16810	1	$\frac{1}{\sin(u) v \sqrt[3]{w \pi}}$	S	CDI	K	CDIF
20108	16810	2	$\frac{1}{\sin(u) v \sqrt[3]{w \pi}}$	S	CDIF	K	CDI
20109	16811	1	$(\sin(u))^2 v^2 w^{2/3}$	S	CDI	K	AB
20110	16812	1	$\sqrt{\sin(u) v \sqrt[3]{w}}$	S	CDI	K	R

20111	16813	1	$(\sin(u))^3 v^3 w$	S	CDI	K	K
20112	16814	1	$e^{\sin(u)v \sqrt[3]{w}}$	S	CDI	K	E
20113	16815	1	$\log(\sin(u) v \sqrt[3]{w})$	S	CDI	K	L
20114	16816	1	$\arcsin(\sin(u) v \sqrt[3]{w})$	S	CDI	K	S
20115	16817	1	$\arctan(\sin(u) v \sqrt[3]{w})$	S	CDI	K	T
20116	16818	1	$\sqrt{1 + v^2 w^{2/3} (\cos(u))^2 - v^2 w^{2/3}}$	S	CDI	K	P
20117	16819	1	$\sqrt{1 - v^2 w^{2/3} (\cos(u))^2 + v^2 w^{2/3}}$	S	CDI	K	H
20118	16820	1	$\sin(u) v \ln(w)$	S	CDI	E	CD
20119	16821	1	$\frac{1}{\sin(u) v \ln(w)}$	S	CDI	E	CDI
20120	16822	1	$\sin(u) v \ln(w) \pi$	S	CDI	E	CDF
20121	16822	2	$\sin(u) v \ln(w) \pi$	S	CDIF	E	CD
20122	16823	1	$\frac{1}{\sin(u) v \ln(w) \pi}$	S	CDI	E	CDIF
20123	16823	2	$\frac{1}{\sin(u) v \ln(w) \pi}$	S	CDIF	E	CDI
20124	16824	1	$(\sin(u))^2 v^2 (\ln(w))^2$	S	CDI	E	AB
20125	16825	1	$\sqrt{\sin(u) v \ln(w)}$	S	CDI	E	R
20126	16826	1	$(\sin(u))^3 v^3 (\ln(w))^3$	S	CDI	E	K
20127	16827	1	$w^{\sin(u)v}$	S	CDI	E	E

20128	16828	1	$\log (\sin (u) v \ln (w))$	S	CDI	E	L
20129	16829	1	$\arcsin (\sin (u) v \ln (w))$	S	CDI	E	S
20130	16830	1	$\arctan (\sin (u) v \ln (w))$	S	CDI	E	T
20131	16831	1	$\sqrt{1-v^2(\ln (w))^2+v^2(\ln (w))^2(\cos (u))^2}$	S	CDI	E	P
20132	16832	1	$\sqrt{1+v^2(\ln (w))^2-v^2(\ln (w))^2(\cos (u))^2}$	S	CDI	E	H
20133	16833	1	$\sin (u) v \operatorname{Exp}(w)$	S	CDI	L	CD
20134	16834	1	$\frac{1}{\sin (u) v \operatorname{Exp}(w)}$	S	CDI	L	CDI
20135	16835	1	$\sin (u) v \operatorname{Exp}(w) \pi$	S	CDI	L	CDF
20136	16835	2	$\sin (u) v \operatorname{Exp}(w) \pi$	S	CDIF	L	CD
20137	16836	1	$\frac{1}{\sin (u) v \operatorname{Exp}(w) \pi}$	S	CDI	L	CDIF
20138	16836	2	$\frac{1}{\sin (u) v \operatorname{Exp}(w) \pi}$	S	CDIF	L	CDI
20139	16837	1	$(\sin (u))^2 v^2 (\operatorname{Exp}(w))^2$	S	CDI	L	AB
20140	16838	1	$\sqrt{\sin (u) v \operatorname{Exp}(w)}$	S	CDI	L	R
20141	16839	1	$(\sin (u))^3 v^3 (\operatorname{Exp}(w))^3$	S	CDI	L	K
20142	16840	1	$e^{\sin (u) v \operatorname{Exp}(w)}$	S	CDI	L	E
20143	16841	1	$\log (\sin (u) v \operatorname{Exp}(w))$	S	CDI	L	L
20144	16842	1	$\arcsin (\sin (u) v \operatorname{Exp}(w))$	S	CDI	L	S

20145	16843	1	$\arctan(\sin(u) v \exp(w))$	S	CDI	L	T
20146	16844	1	$\sqrt{1 - v^2 (\exp(w))^2 + v^2 (\exp(w))^2 (\cos(w))^2}$	S	CDI	L	P
20147	16845	1	$\sqrt{1 + v^2 (\exp(w))^2 - v^2 (\exp(w))^2 (\cos(w))^2}$	S	CDI	L	H
20148	16846	1	$\sin(u) v \sin(w)$	S	CDI	S	CD
20149	16847	1	$\frac{1}{\sin(u) v \sin(w)}$	S	CDI	S	CDI
20150	16848	1	$\sin(u) v \sin(w) \pi$	S	CDI	S	CDF
20151	16848	2	$\sin(u) v \sin(w) \pi$	S	CDIF	S	CD
20152	16849	1	$\frac{1}{\sin(u) v \sin(w) \pi}$	S	CDI	S	CDIF
20153	16849	2	$\frac{1}{\sin(u) v \sin(w) \pi}$	S	CDIF	S	CDI
20154	16850	1	$(\sin(u))^2 v^2 (\sin(w))^2$	S	CDI	S	AB
20155	16851	1	$\sqrt{\sin(u) v \sin(w)}$	S	CDI	S	R
20156	16852	1	$(\sin(u))^3 v^3 (\sin(w))^3$	S	CDI	S	K
20157	16853	1	$e^{\sin(u) v \sin(w)}$	S	CDI	S	E
20158	16854	1	$\log(\sin(u) v \sin(w))$	S	CDI	S	L
20159	16855	1	$\arcsin(\sin(u) v \sin(w))$	S	CDI	S	S
20160	16856	1	$\arctan(\sin(u) v \sin(w))$	S	CDI	S	T
20161	16857	1	$\sqrt{1 - v^2 + v^2 (\cos(w))^2 + v^2 (\cos(w))^2 - v^2 (\cos(w))^2 (\cos(w))^2}$	S	CDI	S	P

20162	16858	1	$\sqrt{1 + v^2 - v^2 (\cos (w))^2 - v^2 (\cos (u))^2 + v^2 (\cos (u))^2 (\cos (w))^2}$	S	CDI	T	CD
20163	16859	1	$\frac{\sin (u) v \sin (w)}{\cos (w)}$	S	CDI	T	CD
20164	16860	1	$\frac{\cos (w)}{\sin (u) v \sin (w)}$	S	CDI	T	CDI
20165	16861	1	$\frac{\sin (u) v \sin (w) \pi}{\cos (w)}$	S	CDI	T	CDF
20166	16861	2	$\frac{\sin (u) v \sin (w) \pi}{\cos (w)}$	S	CDIF	T	CD
20167	16862	1	$\frac{\cos (w)}{\sin (u) v \sin (w) \pi}$	S	CDI	T	CDIF
20168	16862	2	$\frac{\cos (w)}{\sin (u) v \sin (w) \pi}$	S	CDIF	T	CDI
20169	16863	1	$\frac{(\sin (u))^2 v^2 (\sin (w))^2}{(\cos (w))^2}$	S	CDI	T	AB
20170	16864	1	$\sqrt{\frac{\sin (u) v \sin (w)}{\cos (w)}}$	S	CDI	T	R
20171	16865	1	$\frac{(\sin (u))^3 v^3 (\sin (w))^3}{(\cos (w))^3}$	S	CDI	T	K
20172	16866	1	$e^{\frac{\sin (u) v \sin (w)}{\cos (w)}}$	S	CDI	T	E
20173	16867	1	$\log \left(\frac{\sin (u) v \sin (w)}{\cos (w)} \right)$	S	CDI	T	L
20174	16868	1	$\arcsin \left(\frac{\sin (u) v \sin (w)}{\cos (w)} \right)$	S	CDI	T	S
20175	16869	1	$\arctan \left(\frac{\sin (u) v \sin (w)}{\cos (w)} \right)$	S	CDI	T	T
20176	16870	1	$\sqrt{-\frac{-(\cos (w))^2 + v^2 - v^2 (\cos (w))^2 - v^2 (\cos (u))^2 + v^2 (\cos (u))^2 (\cos (w))^2}{(\cos (w))^2}}$	S	CDI	T	P

20177	16871	1	$\sqrt{\frac{(\cos(w))^2 + v^2 - v^2 (\cos(w))^2 - v^2 (\cos(u))^2 + v^2 (\cos(u))^2 (\cos(w))^2}{(\cos(w))^2}}$	S	CDI	T	H
20178	16872	1	$\sin(u) v \sqrt{1 - w^2}$	S	CDI	P	CD
20179	16873	1	$\frac{1}{\sin(u) v \sqrt{1 - w^2}}$	S	CDI	P	CDI
20180	16874	1	$\sin(u) v \sqrt{1 - w^2} \pi$	S	CDI	P	CDF
20181	16874	2	$\sin(u) v \sqrt{1 - w^2} \pi$	S	CDIF	P	CD
20182	16875	1	$\frac{1}{\sin(u) v \sqrt{1 - w^2} \pi}$	S	CDI	P	CDIF
20183	16875	2	$\frac{1}{\sin(u) v \sqrt{1 - w^2} \pi}$	S	CDIF	P	CDI
20184	16876	1	$-(\sin(u))^2 v^2 (-1 + w^2)$	S	CDI	P	AB
20185	16877	1	$\sqrt{\sin(u) v \sqrt{1 - w^2}}$	S	CDI	P	R
20186	16878	1	$(\sin(u))^3 v^3 (1 - w^2)^{3/2}$	S	CDI	P	K
20187	16879	1	$e^{\sin(u) v \sqrt{1 - w^2}}$	S	CDI	P	E
20188	16880	1	$\log(\sin(u) v \sqrt{1 - w^2})$	S	CDI	P	L
20189	16881	1	$\arcsin(\sin(u) v \sqrt{1 - w^2})$	S	CDI	P	S
20190	16882	1	$\arctan(\sin(u) v \sqrt{1 - w^2})$	S	CDI	P	T
20191	16883	1	$\sqrt{1 - v^2 + v^2 w^2 + v^2 (\cos(u))^2 - \mathfrak{S}^2 w^2 (\cos(u))^2}$	S	CDI	P	P
20192	16883	2	$\sqrt{1 - v^2 + v^2 w^2 + v^2 (\cos(u))^2 - \mathfrak{S}^2 w^2 (\cos(u))^2}$	S	CDI	H	H
20193	16884	1	$\sqrt{1 + v^2 - v^2 w^2 - v^2 (\cos(u))^2 + \mathfrak{S}^2 w^2 (\cos(u))^2}$	S	CDI	P	H

20194	16884	2	$\sqrt{1 + v^2 - v^2 w^2 - v^2 (\cos(u))^2 + 8^2 w^2 (\cos(u))^2}$	S	CDI	H	P
20195	16885	1	$\sin(u) v \sqrt{-1 + w^2}$	S	CDI	H	CD
20196	16886	1	$\frac{1}{\sin(u) v \sqrt{-1 + w^2}}$	S	CDI	H	CDI
20197	16887	1	$\sin(u) v \sqrt{-1 + w^2} \pi$	S	CDI	H	CDF
20198	16887	2	$\sin(u) v \sqrt{-1 + w^2} \pi$	S	CDIF	H	CD
20199	16888	1	$\frac{1}{\sin(u) v \sqrt{-1 + w^2} \pi}$	S	CDI	H	CDIF
20200	16888	2	$\frac{1}{\sin(u) v \sqrt{-1 + w^2} \pi}$	S	CDIF	H	CDI
20201	16889	1	$(\sin(u))^2 v^2 (-1 + w^2)$	S	CDI	H	AB
20202	16890	1	$\sqrt{\sin(u) v \sqrt{-1 + w^2}}$	S	CDI	H	R
20203	16891	1	$(\sin(u))^3 v^3 (-1 + w^2)^{3/2}$	S	CDI	H	K
20204	16892	1	$e^{\sin(u) v \sqrt{-1 + w^2}}$	S	CDI	H	E
20205	16893	1	$\log(\sin(u) v \sqrt{-1 + w^2})$	S	CDI	H	L
20206	16894	1	$\arcsin(\sin(u) v \sqrt{-1 + w^2})$	S	CDI	H	S
20207	16895	1	$\arctan(\sin(u) v \sqrt{-1 + w^2})$	S	CDI	H	T
20208	16896	1	$\frac{\sin(u) w \pi^2}{v}$	S	CDF	CD	CDF
20209	16897	1	$\frac{v}{\sin(u) w \pi^2}$	S	CDF	CD	CDIF
20210	16898	1	$\frac{(\sin(u))^2 w^2 \pi^2}{v^2}$	S	CDF	CD	AB

20211	16899	1	$\sqrt{\frac{\sin(u) w \pi}{v}}$	S	CDF	CD	R
20212	16900	1	$\frac{(\sin(u))^3 w^3 \pi^3}{v^3}$	S	CDF	CD	K
20213	16901	1	$e^{\frac{\sin(u) w \pi}{v}}$	S	CDF	CD	E
20214	16902	1	$\log\left(\frac{\sin(u) w \pi}{v}\right)$	S	CDF	CD	L
20215	16903	1	$\arcsin\left(\frac{\sin(u) w \pi}{v}\right)$	S	CDF	CD	S
20216	16904	1	$\arctan\left(\frac{\sin(u) w \pi}{v}\right)$	S	CDF	CD	T
20217	16905	1	$\sqrt{\frac{v^2 - w^2 \pi^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	CD	P
20218	16906	1	$\sqrt{-\frac{v^2 - w^2 \pi^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	CD	H
20219	16907	1	$\frac{\sin(u) \pi^2}{vw}$	S	CDF	CDI	CDF
20220	16908	1	$\frac{vw}{\sin(u) \pi^2}$	S	CDF	CDI	CDIF
20221	16909	1	$\frac{(\sin(u))^2 \pi^2}{v^2 w^2}$	S	CDF	CDI	AB
20222	16910	1	$\sqrt{\frac{\sin(u) \pi}{vw}}$	S	CDF	CDI	R
20223	16911	1	$\frac{(\sin(u))^3 \pi^3}{v^3 w^3}$	S	CDF	CDI	K
20224	16912	1	$e^{\frac{\sin(u) \pi}{vw}}$	S	CDF	CDI	E

20225	16913	1	$\log \left(\frac{\sin (u) \pi}{vw} \right)$	S	CDF	CDI	L
20226	16914	1	$\arcsin \left(\frac{\sin (u) \pi}{vw} \right)$	S	CDF	CDI	S
20227	16915	1	$\arctan \left(\frac{\sin (u) \pi}{vw} \right)$	S	CDF	CDI	T
20228	16916	1	$\sqrt{\frac{v^2 w^2 - \pi^2 + \pi^2 (\cos (u))^2}{v^2 w^2}}$	S	CDF	CDI	P
20229	16917	1	$\sqrt{-\frac{-v^2 w^2 - \pi^2 + \pi^2 (\cos (u))^2}{v^2 w^2}}$	S	CDF	CDI	H
20230	16918	1	$\frac{\sin (u) \sqrt{w} \pi^2}{v}$	S	CDF	AB	CDF
20231	16919	1	$\frac{v}{\sin (u) \sqrt{w} \pi^2}$	S	CDF	AB	CDIF
20232	16920	1	$\frac{(\sin (u))^2 w \pi^2}{v^2}$	S	CDF	AB	AB
20233	16921	1	$\sqrt{\frac{\sin (u) \sqrt{w} \pi}{v}}$	S	CDF	AB	R
20234	16922	1	$\frac{(\sin (u))^3 w^{3/2} \pi^3}{v^3}$	S	CDF	AB	K
20235	16923	1	$e^{\frac{\sin (u) \sqrt{w} \pi}{v}}$	S	CDF	AB	E
20236	16924	1	$\log \left(\frac{\sin (u) \sqrt{w} \pi}{v} \right)$	S	CDF	AB	L
20237	16925	1	$\arcsin \left(\frac{\sin (u) \sqrt{w} \pi}{v} \right)$	S	CDF	AB	S
20238	16926	1	$\arctan \left(\frac{\sin (u) \sqrt{w} \pi}{v} \right)$	S	CDF	AB	T

20239	16927	1	$\sqrt{\frac{v^2 - w\pi^2 + w\pi^2 (\cos(u))^2}{v^2}}$	S	CDF	AB	P
20240	16928	1	$\sqrt{-\frac{-v^2 - w\pi^2 + w\pi^2 (\cos(u))^2}{v^2}}$	S	CDF	AB	H
20241	16929	1	$\frac{\sin(u) w^2 \pi^2}{v}$	S	CDF	R	CDF
20242	16930	1	$\frac{v}{\sin(u) w^2 \pi^2}$	S	CDF	R	CDIF
20243	16931	1	$\frac{(\sin(u))^2 w^4 \pi^2}{v^2}$	S	CDF	R	AB
20244	16932	1	$\sqrt{\frac{\sin(u) w^2 \pi}{v}}$	S	CDF	R	R
20245	16933	1	$\frac{(\sin(u))^3 w^6 \pi^3}{v^3}$	S	CDF	R	K
20246	16934	1	$e^{\frac{\sin(u) w^2 \pi}{v}}$	S	CDF	R	E
20247	16935	1	$\log\left(\frac{\sin(u) w^2 \pi}{v}\right)$	S	CDF	R	L
20248	16936	1	$\arcsin\left(\frac{\sin(u) w^2 \pi}{v}\right)$	S	CDF	R	S
20249	16937	1	$\arctan\left(\frac{\sin(u) w^2 \pi}{v}\right)$	S	CDF	R	T
20250	16938	1	$\sqrt{\frac{v^2 - w^4 \pi^2 + w^4 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	R	P
20251	16939	1	$\sqrt{-\frac{-v^2 - w^4 \pi^2 + w^4 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	R	H
20252	16940	1	$\frac{\sin(u) \sqrt[3]{w} \pi^2}{v}$	S	CDF	K	CDF

20253	16941	1	$\frac{v}{\sin(u) \sqrt[3]{w\pi^2}}$	S	CDF	K	CDIF
20254	16942	1	$\frac{(\sin(u))^2 w^{2/3} \pi^2}{v^2}$	S	CDF	K	AB
20255	16943	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w\pi}}{v}}$	S	CDF	K	R
20256	16944	1	$\frac{(\sin(u))^3 w \pi^3}{v^3}$	S	CDF	K	K
20257	16945	1	$e^{\frac{\sin(u) \sqrt[3]{w\pi}}{v}}$	S	CDF	K	E
20258	16946	1	$\log\left(\frac{\sin(u) \sqrt[3]{w\pi}}{v}\right)$	S	CDF	K	L
20259	16947	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w\pi}}{v}\right)$	S	CDF	K	S
20260	16948	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w\pi}}{v}\right)$	S	CDF	K	T
20261	16949	1	$\sqrt{\frac{v^2 + w^{2/3} \pi^2 (\cos(u))^2 - w^{2/3} \pi^2}{v^2}}$	S	CDF	K	P
20262	16950	1	$\sqrt{-\frac{v^2 + w^{2/3} \pi^2 (\cos(u))^2 - w^{2/3} \pi^2}{v^2}}$	S	CDF	K	H
20263	16951	1	$\frac{\sin(u) \ln(w) \pi^2}{v}$	S	CDF	E	CDF
20264	16952	1	$\frac{v}{\sin(u) \ln(w) \pi^2}$	S	CDF	E	CDIF
20265	16953	1	$\frac{(\sin(u))^2 (\ln(w))^2 \pi^2}{v^2}$	S	CDF	E	AB
20266	16954	1	$\sqrt{\frac{\sin(u) \ln(w) \pi}{v}}$	S	CDF	E	R
20267	16955	1	$\frac{(\sin(u))^3 (\ln(w))^3 \pi^3}{v^3}$	S	CDF	E	K

20268	16956	1	$w^{\frac{\sin(u)\pi}{v}}$	S	CDF	E	E
20269	16957	1	$\log\left(\frac{\sin(u)\ln(w)\pi}{v}\right)$	S	CDF	E	L
20270	16958	1	$\arcsin\left(\frac{\sin(u)\ln(w)\pi}{v}\right)$	S	CDF	E	S
20271	16959	1	$\arctan\left(\frac{\sin(u)\ln(w)\pi}{v}\right)$	S	CDF	E	T
20272	16960	1	$\sqrt{\frac{v^2 - (\ln(w))^2 \pi^2 + (\ln(w))^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	E	P
20273	16961	1	$\sqrt{-\frac{v^2 - (\ln(w))^2 \pi^2 + (\ln(w))^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	E	H
20274	16962	1	$\frac{\sin(u) \exp(w) \pi^2}{v}$	S	CDF	L	CDF
20275	16963	1	$\frac{v}{\sin(u) \exp(w) \pi^2}$	S	CDF	L	CDIF
20276	16964	1	$\frac{(\sin(u))^2 (\exp(w))^2 \pi^2}{v^2}$	S	CDF	L	AB
20277	16965	1	$\sqrt{\frac{\sin(u) \exp(w) \pi}{v}}$	S	CDF	L	R
20278	16966	1	$\frac{(\sin(u))^3 (\exp(w))^3 \pi^3}{v^3}$	S	CDF	L	K
20279	16967	1	$e^{\frac{\sin(u) \exp(w) \pi}{v}}$	S	CDF	L	E
20280	16968	1	$\log\left(\frac{\sin(u) \exp(w) \pi}{v}\right)$	S	CDF	L	L
20281	16969	1	$\arcsin\left(\frac{\sin(u) \exp(w) \pi}{v}\right)$	S	CDF	L	S

20282	16970	1	$\arctan \left(\frac{\sin(u) \operatorname{Exp}(w) \pi}{v} \right)$	S	CDF	L	T
20283	16971	1	$\sqrt{\frac{v^2 - (\operatorname{Exp}(w))^2 \pi^2 + (\operatorname{Exp}(w))^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	L	P
20284	16972	1	$\sqrt{-\frac{-v^2 - (\operatorname{Exp}(w))^2 \pi^2 + (\operatorname{Exp}(w))^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	L	H
20285	16973	1	$\frac{\sin(u) \sin(w) \pi^2}{v}$	S	CDF	S	CDF
20286	16974	1	$\frac{v}{\sin(u) \sin(w) \pi^2}$	S	CDF	S	CDIF
20287	16975	1	$\frac{(\sin(u))^2 (\sin(w))^2 \pi^2}{v^2}$	S	CDF	S	AB
20288	16976	1	$\sqrt{\frac{\sin(u) \sin(w) \pi}{v}}$	S	CDF	S	R
20289	16977	1	$\frac{(\sin(u))^3 (\sin(w))^3 \pi^3}{v^3}$	S	CDF	S	K
20290	16978	1	$e^{\frac{\sin(u) \sin(w) \pi}{v}}$	S	CDF	S	E
20291	16979	1	$\log \left(\frac{\sin(u) \sin(w) \pi}{v} \right)$	S	CDF	S	L
20292	16980	1	$\arcsin \left(\frac{\sin(u) \sin(w) \pi}{v} \right)$	S	CDF	S	S
20293	16981	1	$\arctan \left(\frac{\sin(u) \sin(w) \pi}{v} \right)$	S	CDF	S	T
20294	16982	1	$\sqrt{-\frac{-v^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2}}$	S	CDF	S	P
20295	16983	1	$\sqrt{\frac{v^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2}}$	S	CDF	S	H

20296	16984	1	$\frac{\sin(u) \sin(w) \pi^2}{v \cos(w)}$	S	CDF	T	CDF
20297	16985	1	$\frac{v \cos(w)}{\sin(u) \sin(w) \pi^2}$	S	CDF	T	CDIF
20298	16986	1	$\frac{(\sin(u))^2 (\sin(w))^2 \pi^2}{v^2 (\cos(w))^2}$	S	CDF	T	AB
20299	16987	1	$\sqrt{\frac{\sin(u) \sin(w) \pi}{v \cos(w)}}$	S	CDF	T	R
20300	16988	1	$\frac{(\sin(u))^3 (\sin(w))^3 \pi^3}{v^3 (\cos(w))^3}$	S	CDF	T	K
20301	16989	1	$e^{\frac{\sin(u) \sin(w) \pi}{v \cos(w)}}$	S	CDF	T	E
20302	16990	1	$\log\left(\frac{\sin(u) \sin(w) \pi}{v \cos(w)}\right)$	S	CDF	T	L
20303	16991	1	$\arcsin\left(\frac{\sin(u) \sin(w) \pi}{v \cos(w)}\right)$	S	CDF	T	S
20304	16992	1	$\arctan\left(\frac{\sin(u) \sin(w) \pi}{v \cos(w)}\right)$	S	CDF	T	T
20305	16993	1	$\sqrt{-\frac{v^2 (\cos(w))^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(w))^2}}$	S	CDF	T	P
20306	16994	1	$\sqrt{\frac{v^2 (\cos(w))^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(w))^2}}$	S	CDF	T	H
20307	16995	1	$\frac{\sin(u) \sqrt{1 - w^2} \pi^2}{v}$	S	CDF	P	CDF
20308	16996	1	$\frac{v}{\sin(u) \sqrt{1 - w^2} \pi^2}$	S	CDF	P	CDIF
20309	16997	1	$-\frac{(\sin(u))^2 \pi^2 (-1 + w^2)}{v^2}$	S	CDF	P	AB

20310	16998	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2} \pi}{v}}$	S	CDF	P	R
20311	16999	1	$\frac{(\sin(u))^3 \pi^3 (1-w^2)^{3/2}}{v^3}$	S	CDF	P	K
20312	17000	1	$e^{\frac{\sin(u) \sqrt{1-w^2} \pi}{v}}$	S	CDF	P	E
20313	17001	1	$\log\left(\frac{\sin(u) \sqrt{1-w^2} \pi}{v}\right)$	S	CDF	P	L
20314	17002	1	$\arcsin\left(\frac{\sin(u) \sqrt{1-w^2} \pi}{v}\right)$	S	CDF	P	S
20315	17003	1	$\arctan\left(\frac{\sin(u) \sqrt{1-w^2} \pi}{v}\right)$	S	CDF	P	T
20316	17004	1	$\sqrt{-\frac{-v^2 + \pi^2 - w^2 \pi^2 - \pi^2 (\cos(u))^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	P	P
20317	17004	2	$\sqrt{-\frac{-v^2 + \pi^2 - w^2 \pi^2 - \pi^2 (\cos(u))^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	H	H
20318	17005	1	$\sqrt{\frac{v^2 + \pi^2 - w^2 \pi^2 - \pi^2 (\cos(u))^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	P	H
20319	17005	2	$\sqrt{\frac{v^2 + \pi^2 - w^2 \pi^2 - \pi^2 (\cos(u))^2 + w^2 \pi^2 (\cos(u))^2}{v^2}}$	S	CDF	H	P
20320	17006	1	$\frac{\sin(u) \sqrt{-1+w^2} \pi^2}{v}$	S	CDF	H	CDF
20321	17007	1	$\frac{v}{\sin(u) \sqrt{-1+w^2} \pi^2}$	S	CDF	H	CDIF
20322	17008	1	$\frac{(\sin(u))^2 \pi^2 (-1+w^2)}{v^2}$	S	CDF	H	AB
20323	17009	1	$\sqrt{\frac{\sin(u) \sqrt{-1+w^2} \pi}{v}}$	S	CDF	H	R

20324	17010	1	$\frac{(\sin(u))^3 \pi^3 (-1 + w^2)^{3/2}}{v^3}$	S	CDF	H	K
20325	17011	1	$e^{\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}}$	S	CDF	H	E
20326	17012	1	$\log\left(\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}\right)$	S	CDF	H	L
20327	17013	1	$\arcsin\left(\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}\right)$	S	CDF	H	S
20328	17014	1	$\arctan\left(\frac{\sin(u) \sqrt{-1 + w^2} \pi}{v}\right)$	S	CDF	H	T
20329	17015	1	$\sin(u) v w \pi^2$	S	CDIF	CD	CDF
20330	17016	1	$\frac{1}{\sin(u) v w \pi^2}$	S	CDIF	CD	CDIF
20331	17017	1	$(\sin(u))^2 v^2 w^2 \pi^2$	S	CDIF	CD	AB
20332	17018	1	$\sqrt{\sin(u) v w \pi}$	S	CDIF	CD	R
20333	17019	1	$(\sin(u))^3 v^3 w^3 \pi^3$	S	CDIF	CD	K
20334	17020	1	$e^{\sin(u) v w \pi}$	S	CDIF	CD	E
20335	17021	1	$\log(\sin(u) v w \pi)$	S	CDIF	CD	L
20336	17022	1	$\arcsin(\sin(u) v w \pi)$	S	CDIF	CD	S
20337	17023	1	$\arctan(\sin(u) v w \pi)$	S	CDIF	CD	T
20338	17024	1	$\sqrt{1 - v^2 w^2 \pi^2 + v^2 w^2 \pi^2 (\cos(u))^2}$	S	CDIF	CD	P

20339	17025	1	$\sqrt{1 + v^2 w^2 \pi^2 - v^2 w^2 \pi^2 (\cos(u))^2}$	S	CDIF	CD	H
20340	17026	1	$\frac{\sin(u) v \pi^2}{w}$	S	CDIF	CDI	CDF
20341	17027	1	$\frac{w}{\sin(u) v \pi^2}$	S	CDIF	CDI	CDIF
20342	17028	1	$\frac{(\sin(u))^2 v^2 \pi^2}{w^2}$	S	CDIF	CDI	AB
20343	17029	1	$\sqrt{\frac{\sin(u) v \pi}{w}}$	S	CDIF	CDI	R
20344	17030	1	$\frac{(\sin(u))^3 v^3 \pi^3}{w^3}$	S	CDIF	CDI	K
20345	17031	1	$e^{\frac{\sin(u) v \pi}{w}}$	S	CDIF	CDI	E
20346	17032	1	$\log\left(\frac{\sin(u) v \pi}{w}\right)$	S	CDIF	CDI	L
20347	17033	1	$\arcsin\left(\frac{\sin(u) v \pi}{w}\right)$	S	CDIF	CDI	S
20348	17034	1	$\arctan\left(\frac{\sin(u) v \pi}{w}\right)$	S	CDIF	CDI	T
20349	17035	1	$\sqrt{\frac{w^2 - v^2 \pi^2 + v^2 \pi^2 (\cos(u))^2}{w^2}}$	S	CDIF	CDI	P
20350	17036	1	$\sqrt{-\frac{-w^2 - v^2 \pi^2 + v^2 \pi^2 (\cos(u))^2}{w^2}}$	S	CDIF	CDI	H
20351	17037	1	$\sin(u) v \sqrt{w \pi^2}$	S	CDIF	AB	CDF
20352	17038	1	$\frac{1}{\sin(u) v \sqrt{w \pi^2}}$	S	CDIF	AB	CDIF

20353	17039	1	$(\sin(u))^2 v^2 w \pi^2$	S	CDIF	AB	AB
20354	17040	1	$\sqrt{\sin(u) v \sqrt{w} \pi}$	S	CDIF	AB	R
20355	17041	1	$(\sin(u))^3 v^3 w^{3/2} \pi^3$	S	CDIF	AB	K
20356	17042	1	$e^{\sin(u) v \sqrt{w} \pi}$	S	CDIF	AB	E
20357	17043	1	$\log(\sin(u) v \sqrt{w} \pi)$	S	CDIF	AB	L
20358	17044	1	$\arcsin(\sin(u) v \sqrt{w} \pi)$	S	CDIF	AB	S
20359	17045	1	$\arctan(\sin(u) v \sqrt{w} \pi)$	S	CDIF	AB	T
20360	17046	1	$\sqrt{1 - v^2 w \pi^2 + v^2 w \pi^2 (\cos(u))^2}$	S	CDIF	AB	P
20361	17047	1	$\sqrt{1 + v^2 w \pi^2 - v^2 w \pi^2 (\cos(u))^2}$	S	CDIF	AB	H
20362	17048	1	$\sin(u) v w^2 \pi^2$	S	CDIF	R	CDF
20363	17049	1	$\frac{1}{\sin(u) v w^2 \pi^2}$	S	CDIF	R	CDIF
20364	17050	1	$(\sin(u))^2 v^2 w^4 \pi^2$	S	CDIF	R	AB
20365	17051	1	$\sqrt{\sin(u) v w^2 \pi}$	S	CDIF	R	R
20366	17052	1	$(\sin(u))^3 v^3 w^6 \pi^3$	S	CDIF	R	K
20367	17053	1	$e^{\sin(u) v w^2 \pi}$	S	CDIF	R	E
20368	17054	1	$\log(\sin(u) v w^2 \pi)$	S	CDIF	R	L

20369	17055	1	$\arcsin (\sin (u) v w^2 \pi)$	S	CDIF	R	S
20370	17056	1	$\arctan (\sin (u) v w^2 \pi)$	S	CDIF	R	T
20371	17057	1	$\sqrt{1-v^2 w^4 \pi^2+v^2 w^4 \pi^2(\cos (u))^2} S$	S	CDIF	R	P
20372	17058	1	$\sqrt{1+v^2 w^4 \pi^2-v^2 w^4 \pi^2(\cos (u))^2} S$	S	CDIF	R	H
20373	17059	1	$\sin (u) v \sqrt[3]{w \pi^2}$	S	CDIF	K	CDF
20374	17060	1	$\frac{1}{\sin (u) v \sqrt[3]{w \pi^2}}$	S	CDIF	K	CDIF
20375	17061	1	$(\sin (u))^2 v^2 w^{2 / 3} \pi^2$	S	CDIF	K	AB
20376	17062	1	$\sqrt{\sin (u) v \sqrt[3]{w \pi}}$	S	CDIF	K	R
20377	17063	1	$(\sin (u))^3 v^3 w \pi^3$	S	CDIF	K	K
20378	17064	1	$e^{\sin (u) v \sqrt[3]{w \pi}}$	S	CDIF	K	E
20379	17065	1	$\log (\sin (u) v \sqrt[3]{w \pi})$	S	CDIF	K	L
20380	17066	1	$\arcsin (\sin (u) v \sqrt[3]{w \pi})$	S	CDIF	K	S
20381	17067	1	$\arctan (\sin (u) v \sqrt[3]{w \pi})$	S	CDIF	K	T
20382	17068	1	$\sqrt{1+v^2 w^{2 / 3} \pi^2(\cos (u))^2-v^2 w^{2 / 3} \pi^2} S$	S	CDIF	K	P
20383	17069	1	$\sqrt{1-v^2 w^{2 / 3} \pi^2(\cos (u))^2+v^2 w^{2 / 3} \pi^2} S$	S	CDIF	K	H
20384	17070	1	$\sin (u) v \ln (w) \pi^2$	S	CDIF	E	CDF

20385	17071	1	$\frac{1}{\sin(u) v \ln(w) \pi^2}$	S	CDIF	E	CDIF
20386	17072	1	$(\sin(u))^2 v^2 (\ln(w))^2 \pi^2$	S	CDIF	E	AB
20387	17073	1	$\sqrt{\sin(u) v \ln(w) \pi}$	S	CDIF	E	R
20388	17074	1	$(\sin(u))^3 v^3 (\ln(w))^3 \pi^3$	S	CDIF	E	K
20389	17075	1	$w^{\sin(u) v \pi}$	S	CDIF	E	E
20390	17076	1	$\log(\sin(u) v \ln(w) \pi)$	S	CDIF	E	L
20391	17077	1	$\arcsin(\sin(u) v \ln(w) \pi)$	S	CDIF	E	S
20392	17078	1	$\arctan(\sin(u) v \ln(w) \pi)$	S	CDIF	E	T
20393	17079	1	$\sqrt{1 - v^2 (\ln(w))^2 \pi^2 + v^2 (\ln(w))^2 \pi^2 (\cos(u))^2}$	S	CDIF	E	P
20394	17080	1	$\sqrt{1 + v^2 (\ln(w))^2 \pi^2 - v^2 (\ln(w))^2 \pi^2 (\cos(u))^2}$	S	CDIF	E	H
20395	17081	1	$\sin(u) v \exp(w) \pi^2$	S	CDIF	L	CDF
20396	17082	1	$\frac{1}{\sin(u) v \exp(w) \pi^2}$	S	CDIF	L	CDIF
20397	17083	1	$(\sin(u))^2 v^2 (\exp(w))^2 \pi^2$	S	CDIF	L	AB
20398	17084	1	$\sqrt{\sin(u) v \exp(w) \pi}$	S	CDIF	L	R
20399	17085	1	$(\sin(u))^3 v^3 (\exp(w))^3 \pi^3$	S	CDIF	L	K
20400	17086	1	$e^{\sin(u) v \exp(w) \pi}$	S	CDIF	L	E

20401	17087	1	$\log (\sin (u) v \operatorname{Exp}(w) \pi)$	S	CDIF	L	L
20402	17088	1	$\arcsin (\sin (u) v \operatorname{Exp}(w) \pi)$	S	CDIF	L	S
20403	17089	1	$\arctan (\sin (u) v \operatorname{Exp}(w) \pi)$	S	CDIF	L	T
20404	17090	1	$\sqrt{1-v^2(\operatorname{Exp}(w))^2 \pi^2+v^2(\operatorname{Exp}(w))^2 \cos ^2(u) \pi^2}$	S	CDIF	L	P
20405	17091	1	$\sqrt{1+v^2(\operatorname{Exp}(w))^2 \pi^2-v^2(\operatorname{Exp}(w))^2 \cos ^2(u) \pi^2}$	S	CDIF	L	H
20406	17092	1	$\sin (u) v \sin (w) \pi^2$	S	CDIF	S	CDF
20407	17093	1	$\frac{1}{\sin (u) v \sin (w) \pi^2}$	S	CDIF	S	CDIF
20408	17094	1	$(\sin (u))^2 v^2(\sin (w))^2 \pi^2$	S	CDIF	S	AB
20409	17095	1	$\sqrt{\sin (u) v \sin (w) \pi}$	S	CDIF	S	R
20410	17096	1	$(\sin (u))^3 v^3(\sin (w))^3 \pi^3$	S	CDIF	S	K
20411	17097	1	$e^{\sin (u) v \sin (w) \pi}$	S	CDIF	S	E
20412	17098	1	$\log (\sin (u) v \sin (w) \pi)$	S	CDIF	S	L
20413	17099	1	$\arcsin (\sin (u) v \sin (w) \pi)$	S	CDIF	S	S
20414	17100	1	$\arctan (\sin (u) v \sin (w) \pi)$	S	CDIF	S	T
20415	17101	1	$\sqrt{1-v^2 \pi^2+v^2 \pi^2(\cos (w))^2+v^2 \pi^2(\cos (w))^2-v^2 \pi^2(\cos (u))^2(\cos (w))^2}$	S	CDIF	S	P
20416	17102	1	$\sqrt{1+v^2 \pi^2-v^2 \pi^2(\cos (w))^2-v^2 \pi^2(\cos (w))^2+v^2 \pi^2(\cos (u))^2(\cos (w))^2}$	S	CDIF	S	H

20417	17103	1	$\frac{\sin(u) v \sin(w) \pi^2}{\cos(w)}$	S	CDIF	T	CDF
20418	17104	1	$\frac{\cos(w)}{\sin(u) v \sin(w) \pi^2}$	S	CDIF	T	CDIF
20419	17105	1	$\frac{(\sin(u))^2 v^2 (\sin(w))^2 \pi^2}{(\cos(w))^2}$	S	CDIF	T	AB
20420	17106	1	$\sqrt{\frac{\sin(u) v \sin(w) \pi}{\cos(w)}}$	S	CDIF	T	R
20421	17107	1	$\frac{(\sin(u))^3 v^3 (\sin(w))^3 \pi^3}{(\cos(w))^3}$	S	CDIF	T	K
20422	17108	1	$e^{\frac{\sin(u) v \sin(w) \pi}{\cos(w)}}$	S	CDIF	T	E
20423	17109	1	$\log\left(\frac{\sin(u) v \sin(w) \pi}{\cos(w)}\right)$	S	CDIF	T	L
20424	17110	1	$\arcsin\left(\frac{\sin(u) v \sin(w) \pi}{\cos(w)}\right)$	S	CDIF	T	S
20425	17111	1	$\arctan\left(\frac{\sin(u) v \sin(w) \pi}{\cos(w)}\right)$	S	CDIF	T	T
20426	17112	1	$\sqrt{-\frac{(\cos(w))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2 - v^2 \pi^2 (\cos(u))^2 + v^2 \pi^2 (\cos(u))^2 (\cos(w))^2}{(\cos(w))^2}}$	S	CDIF	T	P
20427	17113	1	$\sqrt{\frac{(\cos(w))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2 - v^2 \pi^2 (\cos(u))^2 + v^2 \pi^2 (\cos(u))^2 (\cos(w))^2}{(\cos(w))^2}}$	S	CDIF	T	H
20428	17114	1	$\sin(u) v \sqrt{1 - w^2 \pi^2}$	S	CDIF	P	CDF
20429	17115	1	$\frac{1}{\sin(u) v \sqrt{1 - w^2 \pi^2}}$	S	CDIF	P	CDIF
20430	17116	1	$-(\sin(u))^2 v^2 \pi^2 (-1 + w^2)$	S	CDIF	P	AB
20431	17117	1	$\sqrt{\sin(u) v \sqrt{1 - w^2 \pi^2}}$	S	CDIF	P	R

20432	17118	1	$(\sin(u))^3 v^3 \pi^3 (1-w^2)^{3/2}$	S	CDIF	P	K
20433	17119	1	$e^{\sin(u)v\sqrt{1-w^2}\pi}$	S	CDIF	P	E
20434	17120	1	$\log(\sin(u)v\sqrt{1-w^2}\pi)$	S	CDIF	P	L
20435	17121	1	$\arcsin(\sin(u)v\sqrt{1-w^2}\pi)$	S	CDIF	P	S
20436	17122	1	$\arctan(\sin(u)v\sqrt{1-w^2}\pi)$	S	CDIF	P	T
20437	17123	1	$\sqrt{1-v^2\pi^2+v^2w^2\pi^2+v^2\pi^2(\cos(\mathbf{S}))^2-\mathbf{CDIF}^2\pi^2(\cos(u)\mathbf{P})^2}$	S	CDIF	H	K
20438	17123	2	$\sqrt{1-v^2\pi^2+v^2w^2\pi^2+v^2\pi^2(\cos(\mathbf{S}))^2-\mathbf{CDIF}^2\pi^2(\cos(u)\mathbf{H})^2}$	S	CDIF	H	K
20439	17124	1	$\sqrt{1+v^2\pi^2-v^2w^2\pi^2-v^2\pi^2(\cos(\mathbf{S}))^2+\mathbf{CDIF}^2\pi^2(\cos(u)\mathbf{H})^2}$	S	CDIF	H	K
20440	17124	2	$\sqrt{1+v^2\pi^2-v^2w^2\pi^2-v^2\pi^2(\cos(\mathbf{S}))^2+\mathbf{CDIF}^2\pi^2(\cos(u)\mathbf{H})^2}$	S	CDIF	H	K
20441	17125	1	$\sin(u)v\sqrt{-1+w^2}\pi^2$	S	CDIF	H	CDF
20442	17126	1	$\frac{1}{\sin(u)v\sqrt{-1+w^2}\pi^2}$	S	CDIF	H	CDIF
20443	17127	1	$(\sin(u))^2 v^2 \pi^2 (-1+w^2)$	S	CDIF	H	AB
20444	17128	1	$\sqrt{\sin(u)v\sqrt{-1+w^2}\pi}$	S	CDIF	H	R
20445	17129	1	$(\sin(u))^3 v^3 \pi^3 (-1+w^2)^{3/2}$	S	CDIF	H	K
20446	17130	1	$e^{\sin(u)v\sqrt{-1+w^2}\pi}$	S	CDIF	H	E
20447	17131	1	$\log(\sin(u)v\sqrt{-1+w^2}\pi)$	S	CDIF	H	L

20448	17132	1	$\arcsin \left(\sin (u) v \sqrt{-1+w^2} \pi \right)$	S	CDIF	H	S
20449	17133	1	$\arctan \left(\sin (u) v \sqrt{-1+w^2} \pi \right)$	S	CDIF	H	T
20450	17134	1	$\frac{\sin (u) w}{\sqrt{v}}$	S	AB	CD	CD
20451	17134	2	$\frac{\sin (u) w}{\sqrt{v}}$	S	AB	CDF	CDF
20452	17135	1	$\frac{\sqrt{v}}{\sin (u) w}$	S	AB	CD	CDI
20453	17135	2	$\frac{\sqrt{v}}{\sin (u) w}$	S	AB	CDF	CDIF
20454	17136	1	$\frac{\sin (u) w \pi}{\sqrt{v}}$	S	AB	CD	CDF
20455	17137	1	$\frac{\sqrt{v}}{\sin (u) w \pi}$	S	AB	CD	CDIF
20456	17138	1	$\frac{(\sin (u))^2 w^2}{v}$	S	AB	CD	AB
20457	17139	1	$\sqrt{\frac{\sin (u) w}{\sqrt{v}}}$	S	AB	CD	R
20458	17140	1	$\frac{(\sin (u))^3 w^3}{v^{3/2}}$	S	AB	CD	K
20459	17141	1	$e^{\frac{\sin (u) w}{\sqrt{v}}}$	S	AB	CD	E
20460	17142	1	$\log \left(\frac{\sin (u) w}{\sqrt{v}} \right)$	S	AB	CD	L
20461	17143	1	$\arcsin \left(\frac{\sin (u) w}{\sqrt{v}} \right)$	S	AB	CD	S
20462	17144	1	$\arctan \left(\frac{\sin (u) w}{\sqrt{v}} \right)$	S	AB	CD	T

20463	17145	1	$\sqrt{\frac{v - w^2 + w^2 (\cos(u))^2}{v}}$	S	AB	CD	P
20464	17146	1	$\sqrt{-\frac{-v - w^2 + w^2 (\cos(u))^2}{v}}$	S	AB	CD	H
20465	17147	1	$\frac{\sin(u)}{\sqrt{vw}}$	S	AB	CDI	CD
20466	17147	2	$\frac{\sin(u)}{\sqrt{vw}}$	S	AB	CDIF	CDF
20467	17148	1	$\frac{\sqrt{vw}}{\sin(u)}$	S	AB	CDI	CDI
20468	17148	2	$\frac{\sqrt{vw}}{\sin(u)}$	S	AB	CDIF	CDIF
20469	17149	1	$\frac{\sin(u) \pi}{\sqrt{vw}}$	S	AB	CDI	CDF
20470	17150	1	$\frac{\sqrt{vw}}{\sin(u) \pi}$	S	AB	CDI	CDIF
20471	17151	1	$\frac{(\sin(u))^2}{vw^2}$	S	AB	CDI	AB
20472	17152	1	$\sqrt{\frac{\sin(u)}{\sqrt{vw}}}$	S	AB	CDI	R
20473	17153	1	$\frac{(\sin(u))^3}{v^{3/2}w^3}$	S	AB	CDI	K
20474	17154	1	$e^{\frac{\sin(u)}{\sqrt{vw}}}$	S	AB	CDI	E
20475	17155	1	$\log\left(\frac{\sin(u)}{\sqrt{vw}}\right)$	S	AB	CDI	L
20476	17156	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{vw}}\right)$	S	AB	CDI	S
20477	17157	1	$\arctan\left(\frac{\sin(u)}{\sqrt{vw}}\right)$	S	AB	CDI	T

20478	17158	1	$\sqrt{\frac{vw^2 - 1 + (\cos(u))^2}{vw^2}}$	S	AB	CDI	P
20479	17159	1	$\sqrt{\frac{vw^2 + 1 - (\cos(u))^2}{vw^2}}$	S	AB	CDI	H
20480	17160	1	$\frac{\sin(u) w}{\sqrt{v\pi}}$	S	AB	CDF	CD
20481	17161	1	$\frac{\sqrt{v\pi}}{\sin(u) w}$	S	AB	CDF	CDI
20482	17162	1	$\frac{(\sin(u))^2 w^2}{v\pi^2}$	S	AB	CDF	AB
20483	17163	1	$\sqrt{\frac{\sin(u) w}{\sqrt{v\pi}}}$	S	AB	CDF	R
20484	17164	1	$\frac{(\sin(u))^3 w^3}{v^{3/2}\pi^3}$	S	AB	CDF	K
20485	17165	1	$e^{\frac{\sin(u) w}{\sqrt{v\pi}}}$	S	AB	CDF	E
20486	17166	1	$\log\left(\frac{\sin(u) w}{\sqrt{v\pi}}\right)$	S	AB	CDF	L
20487	17167	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt{v\pi}}\right)$	S	AB	CDF	S
20488	17168	1	$\arctan\left(\frac{\sin(u) w}{\sqrt{v\pi}}\right)$	S	AB	CDF	T
20489	17169	1	$\sqrt{\frac{v\pi^2 - w^2 + w^2 (\cos(u))^2}{v\pi^2}}$	S	AB	CDF	P
20490	17170	1	$\sqrt{\frac{v\pi^2 + w^2 - w^2 (\cos(u))^2}{v\pi^2}}$	S	AB	CDF	H
20491	17171	1	$\frac{\sin(u)}{\sqrt{vw\pi}}$	S	AB	CDIF	CD

20492	17172	1	$\frac{\sqrt{vw}\pi}{\sin(u)}$	S	AB	CDIF	CDI
20493	17173	1	$\frac{(\sin(u))^2}{vw^2\pi^2}$	S	AB	CDIF	AB
20494	17174	1	$\sqrt{\frac{\sin(u)}{\sqrt{vw}\pi}}$	S	AB	CDIF	R
20495	17175	1	$\frac{(\sin(u))^3}{v^{3/2}w^3\pi^3}$	S	AB	CDIF	K
20496	17176	1	$e^{\frac{\sin(u)}{\sqrt{vw}\pi}}$	S	AB	CDIF	E
20497	17177	1	$\log\left(\frac{\sin(u)}{\sqrt{vw}\pi}\right)$	S	AB	CDIF	L
20498	17178	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{vw}\pi}\right)$	S	AB	CDIF	S
20499	17179	1	$\arctan\left(\frac{\sin(u)}{\sqrt{vw}\pi}\right)$	S	AB	CDIF	T
20500	17180	1	$\sqrt{\frac{vw^2\pi^2 - 1 + (\cos(u))^2}{vw^2\pi^2}}$	S	AB	CDIF	P
20501	17181	1	$\sqrt{\frac{vw^2\pi^2 + 1 - (\cos(u))^2}{vw^2\pi^2}}$	S	AB	CDIF	H
20502	17182	1	$\frac{\sin(u)\sqrt{w}}{\sqrt{v}}$	S	AB	AB	CD
20503	17183	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{w}}$	S	AB	AB	CDI
20504	17184	1	$\frac{\sin(u)\sqrt{w}\pi}{\sqrt{v}}$	S	AB	AB	CDF
20505	17185	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{w}\pi}$	S	AB	AB	CDIF

20506 17186 1	$\frac{(\sin(u))^2 w}{v}$	S	AB	AB	AB
20507 17187 1	$\sqrt{\frac{\sin(u) \sqrt{w}}{\sqrt{v}}}$	S	AB	AB	R
20508 17188 1	$\frac{(\sin(u))^3 w^{3/2}}{v^{3/2}}$	S	AB	AB	K
20509 17189 1	$e^{\frac{\sin(u) \sqrt{w}}{\sqrt{v}}}$	S	AB	AB	E
20510 17190 1	$\log\left(\frac{\sin(u) \sqrt{w}}{\sqrt{v}}\right)$	S	AB	AB	L
20511 17191 1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{\sqrt{v}}\right)$	S	AB	AB	S
20512 17192 1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{\sqrt{v}}\right)$	S	AB	AB	T
20513 17193 1	$\sqrt{\frac{v - w + w (\cos(u))^2}{v}}$	S	AB	AB	P
20514 17194 1	$\sqrt{-\frac{-v - w + w (\cos(u))^2}{v}}$	S	AB	AB	H
20515 17195 1	$\frac{\sin(u) w^2}{\sqrt{v}}$	S	AB	R	CD
20516 17196 1	$\frac{\sqrt{v}}{\sin(u) w^2}$	S	AB	R	CDI
20517 17197 1	$\frac{\sin(u) w^2 \pi}{\sqrt{v}}$	S	AB	R	CDF
20518 17198 1	$\frac{\sqrt{v}}{\sin(u) w^2 \pi}$	S	AB	R	CDIF
20519 17199 1	$\frac{(\sin(u))^2 w^4}{v}$	S	AB	R	AB

20520	17200	1	$\sqrt{\frac{\sin(u) w^2}{\sqrt{v}}}$	S	AB	R	R
20521	17201	1	$\frac{(\sin(u))^3 w^6}{v^{3/2}}$	S	AB	R	K
20522	17202	1	$e^{\frac{\sin(u) w^2}{\sqrt{v}}}$	S	AB	R	E
20523	17203	1	$\log\left(\frac{\sin(u) w^2}{\sqrt{v}}\right)$	S	AB	R	L
20524	17204	1	$\arcsin\left(\frac{\sin(u) w^2}{\sqrt{v}}\right)$	S	AB	R	S
20525	17205	1	$\arctan\left(\frac{\sin(u) w^2}{\sqrt{v}}\right)$	S	AB	R	T
20526	17206	1	$\sqrt{\frac{v - w^4 + w^4 (\cos(u))^2}{v}}$	S	AB	R	P
20527	17207	1	$\sqrt{-\frac{-v - w^4 + w^4 (\cos(u))^2}{v}}$	S	AB	R	H
20528	17208	1	$\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}$	S	AB	K	CD
20529	17209	1	$\frac{\sqrt{v}}{\sin(u) \sqrt[3]{w}}$	S	AB	K	CDI
20530	17210	1	$\frac{\sin(u) \sqrt[3]{w} \pi}{\sqrt{v}}$	S	AB	K	CDF
20531	17211	1	$\frac{\sqrt{v}}{\sin(u) \sqrt[3]{w} \pi}$	S	AB	K	CDIF
20532	17212	1	$\frac{(\sin(u))^2 w^{2/3}}{v}$	S	AB	K	AB
20533	17213	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}}$	S	AB	K	R

20534	17214	1	$\frac{(\sin(u))^3 w}{v^{3/2}}$	S	AB	K	K
20535	17215	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}}$	S	AB	K	E
20536	17216	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	S	AB	K	L
20537	17217	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	S	AB	K	S
20538	17218	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	S	AB	K	T
20539	17219	1	$\sqrt{\frac{v + w^{2/3} (\cos(u))^2 - w^{2/3}}{v}}$	S	AB	K	P
20540	17220	1	$\sqrt{\frac{v - w^{2/3} (\cos(u))^2 + w^{2/3}}{v}}$	S	AB	K	H
20541	17221	1	$\frac{\sin(u) \ln(w)}{\sqrt{v}}$	S	AB	E	CD
20542	17222	1	$\frac{\sqrt{v}}{\sin(u) \ln(w)}$	S	AB	E	CDI
20543	17223	1	$\frac{\sin(u) \ln(w) \pi}{\sqrt{v}}$	S	AB	E	CDF
20544	17224	1	$\frac{\sqrt{v}}{\sin(u) \ln(w) \pi}$	S	AB	E	CDIF
20545	17225	1	$\frac{(\sin(u))^2 (\ln(w))^2}{v}$	S	AB	E	AB
20546	17226	1	$\sqrt{\frac{\sin(u) \ln(w)}{\sqrt{v}}}$	S	AB	E	R
20547	17227	1	$\frac{(\sin(u))^3 (\ln(w))^3}{v^{3/2}}$	S	AB	E	K

20548	17228	1	$w^{\frac{\sin(u)}{\sqrt{v}}}$	S	AB	E	E
20549	17229	1	$\log\left(\frac{\sin(u)\ln(w)}{\sqrt{v}}\right)$	S	AB	E	L
20550	17230	1	$\arcsin\left(\frac{\sin(u)\ln(w)}{\sqrt{v}}\right)$	S	AB	E	S
20551	17231	1	$\arctan\left(\frac{\sin(u)\ln(w)}{\sqrt{v}}\right)$	S	AB	E	T
20552	17232	1	$\sqrt{\frac{v - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{v}}$	S	AB	E	P
20553	17233	1	$\sqrt{\frac{v + (\ln(w))^2 - (\ln(w))^2 (\cos(u))^2}{v}}$	S	AB	E	H
20554	17234	1	$\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}$	S	AB	L	CD
20555	17235	1	$\frac{\sqrt{v}}{\sin(u) \operatorname{Exp}(w)}$	S	AB	L	CDI
20556	17236	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{\sqrt{v}}$	S	AB	L	CDF
20557	17237	1	$\frac{\sqrt{v}}{\sin(u) \operatorname{Exp}(w) \pi}$	S	AB	L	CDIF
20558	17238	1	$\frac{(\sin(u))^2 (\operatorname{Exp}(w))^2}{v}$	S	AB	L	AB
20559	17239	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}}$	S	AB	L	R
20560	17240	1	$\frac{(\sin(u))^3 (\operatorname{Exp}(w))^3}{v^{3/2}}$	S	AB	L	K
20561	17241	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}}$	S	AB	L	E
20562	17242	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	S	AB	L	L

20563	17243	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	S	AB	L	S
20564	17244	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	S	AB	L	T
20565	17245	1	$\sqrt{\frac{v - (\operatorname{Exp}(w))^2 + (\operatorname{Exp}(w))^2 (\cos(u))^2}{v}}$	S	AB	L	P
20566	17246	1	$\sqrt{\frac{v + (\operatorname{Exp}(w))^2 - (\operatorname{Exp}(w))^2 (\cos(u))^2}{v}}$	S	AB	L	H
20567	17247	1	$\frac{\sin(u) \sin(w)}{\sqrt{v}}$	S	AB	S	CD
20568	17248	1	$\frac{\sqrt{v}}{\sin(u) \sin(w)}$	S	AB	S	CDI
20569	17249	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt{v}}$	S	AB	S	CDF
20570	17250	1	$\frac{\sqrt{v}}{\sin(u) \sin(w) \pi}$	S	AB	S	CDIF
20571	17251	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v}$	S	AB	S	AB
20572	17252	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt{v}}}$	S	AB	S	R
20573	17253	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v^{3/2}}$	S	AB	S	K
20574	17254	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt{v}}}$	S	AB	S	E
20575	17255	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt{v}}\right)$	S	AB	S	L
20576	17256	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\sqrt{v}}\right)$	S	AB	S	S

20577	17257	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\sqrt{v}}\right)$	S	AB	S	T
20578	17258	1	$\sqrt{\frac{v-1+(\cos(w))^2+(\cos(u))^2-(\cos(u))^2(\cos(w))^2}{v}}$	S	AB	S	P
20579	17259	1	$\sqrt{\frac{v+1-(\cos(w))^2-(\cos(u))^2+(\cos(u))^2(\cos(w))^2}{v}}$	S	AB	S	H
20580	17260	1	$\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}$	S	AB	T	CD
20581	17261	1	$\frac{\sqrt{v}\cos(w)}{\sin(u)\sin(w)}$	S	AB	T	CDI
20582	17262	1	$\frac{\sin(u)\sin(w)\pi}{\sqrt{v}\cos(w)}$	S	AB	T	CDF
20583	17263	1	$\frac{\sqrt{v}\cos(w)}{\sin(u)\sin(w)\pi}$	S	AB	T	CDIF
20584	17264	1	$\frac{(\sin(u))^2(\sin(w))^2}{v(\cos(w))^2}$	S	AB	T	AB
20585	17265	1	$\sqrt{\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}}$	S	AB	T	R
20586	17266	1	$\frac{(\sin(u))^3(\sin(w))^3}{v^{3/2}(\cos(w))^3}$	S	AB	T	K
20587	17267	1	$e^{\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}}$	S	AB	T	E
20588	17268	1	$\log\left(\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}\right)$	S	AB	T	L
20589	17269	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}\right)$	S	AB	T	S
20590	17270	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\sqrt{v}\cos(w)}\right)$	S	AB	T	T

20591	17271	1	$\sqrt{\frac{v(\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2_{AB}(\cos(u))^2_P(\cos(w))^2}{v(\cos(w))^2}}$	S	AB	P	
20592	17272	1	$\sqrt{\frac{v(\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2_{AB}(\cos(u))^2_H(\cos(w))^2}{v(\cos(w))^2}}$	S	AB	P	H
20593	17273	1	$\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}$	S	AB	P	CD
20594	17274	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{1-w^2}}$	S	AB	P	CDI
20595	17275	1	$\frac{\sin(u)\sqrt{1-w^2}\pi}{\sqrt{v}}$	S	AB	P	CDF
20596	17276	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{1-w^2}\pi}$	S	AB	P	CDIF
20597	17277	1	$-\frac{(\sin(u))^2(-1+w^2)}{v}$	S	AB	P	AB
20598	17278	1	$\sqrt{\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}}$	S	AB	P	R
20599	17279	1	$\frac{(\sin(u))^3(1-w^2)^{3/2}}{v^{3/2}}$	S	AB	P	K
20600	17280	1	$e^{\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}}$	S	AB	P	E
20601	17281	1	$\log\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	S	AB	P	L
20602	17282	1	$\arcsin\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	S	AB	P	S
20603	17283	1	$\arctan\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	S	AB	P	T
20604	17284	1	$\sqrt{-\frac{-v+1-w^2-(\cos(u))^2+w^2(\cos(u))^2_{AB}}{v}}$	S	AB	P	P

20605	17284	2	$\sqrt{-\frac{-v+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v}}$	S	AB	H	H
20606	17285	1	$\sqrt{\frac{v+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v}}$	S	AB	P	H
20607	17285	2	$\sqrt{\frac{v+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v}}$	S	AB	H	P
20608	17286	1	$\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}$	S	AB	H	CD
20609	17287	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{-1+w^2}}$	S	AB	H	CDI
20610	17288	1	$\frac{\sin(u)\sqrt{-1+w^2}\pi}{\sqrt{v}}$	S	AB	H	CDF
20611	17289	1	$\frac{\sqrt{v}}{\sin(u)\sqrt{-1+w^2}\pi}$	S	AB	H	CDIF
20612	17290	1	$\frac{(\sin(u))^2(-1+w^2)}{v}$	S	AB	H	AB
20613	17291	1	$\sqrt{\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}}$	S	AB	H	R
20614	17292	1	$\frac{(\sin(u))^3(-1+w^2)^{3/2}}{v^{3/2}}$	S	AB	H	K
20615	17293	1	$e^{\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}}$	S	AB	H	E
20616	17294	1	$\log\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}\right)$	S	AB	H	L
20617	17295	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}\right)$	S	AB	H	S
20618	17296	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{v}}\right)$	S	AB	H	T

20619	17297	1	$\frac{\sin(u) w}{v^2}$	S	R	CD	CD
20620	17297	2	$\frac{\sin(u) w}{v^2}$	S	R	CDF	CDF
20621	17298	1	$\frac{v^2}{\sin(u) w}$	S	R	CD	CDI
20622	17298	2	$\frac{v^2}{\sin(u) w}$	S	R	CDF	CDIF
20623	17299	1	$\frac{\sin(u) w \pi}{v^2}$	S	R	CD	CDF
20624	17300	1	$\frac{v^2}{\sin(u) w \pi}$	S	R	CD	CDIF
20625	17301	1	$\frac{(\sin(u))^2 w^2}{v^4}$	S	R	CD	AB
20626	17302	1	$\sqrt{\frac{\sin(u) w}{v^2}}$	S	R	CD	R
20627	17303	1	$\frac{(\sin(u))^3 w^3}{v^6}$	S	R	CD	K
20628	17304	1	$e^{\frac{\sin(u) w}{v^2}}$	S	R	CD	E
20629	17305	1	$\log\left(\frac{\sin(u) w}{v^2}\right)$	S	R	CD	L
20630	17306	1	$\arcsin\left(\frac{\sin(u) w}{v^2}\right)$	S	R	CD	S
20631	17307	1	$\arctan\left(\frac{\sin(u) w}{v^2}\right)$	S	R	CD	T
20632	17308	1	$\sqrt{\frac{v^4 - w^2 + w^2 (\cos(u))^2}{v^4}}$	S	R	CD	P
20633	17309	1	$\sqrt{-\frac{v^4 - w^2 + w^2 (\cos(u))^2}{v^4}}$	S	R	CD	H

20634	17310	1	$\frac{\sin(u)}{v^2 w}$	S	R	CDI	CD
20635	17310	2	$\frac{\sin(u)}{v^2 w}$	S	R	CDIF	CDF
20636	17311	1	$\frac{v^2 w}{\sin(u)}$	S	R	CDI	CDI
20637	17311	2	$\frac{v^2 w}{\sin(u)}$	S	R	CDIF	CDIF
20638	17312	1	$\frac{\sin(u) \pi}{v^2 w}$	S	R	CDI	CDF
20639	17313	1	$\frac{v^2 w}{\sin(u) \pi}$	S	R	CDI	CDIF
20640	17314	1	$\frac{(\sin(u))^2}{v^4 w^2}$	S	R	CDI	AB
20641	17315	1	$\sqrt{\frac{\sin(u)}{v^2 w}}$	S	R	CDI	R
20642	17316	1	$\frac{(\sin(u))^3}{v^6 w^3}$	S	R	CDI	K
20643	17317	1	$e^{\frac{\sin(u)}{v^2 w}}$	S	R	CDI	E
20644	17318	1	$\log\left(\frac{\sin(u)}{v^2 w}\right)$	S	R	CDI	L
20645	17319	1	$\arcsin\left(\frac{\sin(u)}{v^2 w}\right)$	S	R	CDI	S
20646	17320	1	$\arctan\left(\frac{\sin(u)}{v^2 w}\right)$	S	R	CDI	T
20647	17321	1	$\sqrt{\frac{v^4 w^2 - 1 + (\cos(u))^2}{v^4 w^2}}$	S	R	CDI	P
20648	17322	1	$\sqrt{\frac{v^4 w^2 + 1 - (\cos(u))^2}{v^4 w^2}}$	S	R	CDI	H

20649	17323	1	$\frac{\sin(u) w}{v^2 \pi}$	S	R	CDF	CD
20650	17324	1	$\frac{v^2 \pi}{\sin(u) w}$	S	R	CDF	CDI
20651	17325	1	$\frac{(\sin(u))^2 w^2}{v^4 \pi^2}$	S	R	CDF	AB
20652	17326	1	$\sqrt{\frac{\sin(u) w}{v^2 \pi}}$	S	R	CDF	R
20653	17327	1	$\frac{(\sin(u))^3 w^3}{v^6 \pi^3}$	S	R	CDF	K
20654	17328	1	$e^{\frac{\sin(u) w}{v^2 \pi}}$	S	R	CDF	E
20655	17329	1	$\log\left(\frac{\sin(u) w}{v^2 \pi}\right)$	S	R	CDF	L
20656	17330	1	$\arcsin\left(\frac{\sin(u) w}{v^2 \pi}\right)$	S	R	CDF	S
20657	17331	1	$\arctan\left(\frac{\sin(u) w}{v^2 \pi}\right)$	S	R	CDF	T
20658	17332	1	$\sqrt{\frac{v^4 \pi^2 - w^2 + w^2 (\cos(u))^2}{v^4 \pi^2}}$	S	R	CDF	P
20659	17333	1	$\sqrt{\frac{v^4 \pi^2 + w^2 - w^2 (\cos(u))^2}{v^4 \pi^2}}$	S	R	CDF	H
20660	17334	1	$\frac{\sin(u)}{v^2 w \pi}$	S	R	CDIF	CD
20661	17335	1	$\frac{v^2 w \pi}{\sin(u)}$	S	R	CDIF	CDI
20662	17336	1	$\frac{(\sin(u))^2}{v^4 w^2 \pi^2}$	S	R	CDIF	AB

20663	17337	1	$\sqrt{\frac{\sin(u)}{v^2 w \pi}}$	S	R	CDIF	R
20664	17338	1	$\frac{(\sin(u))^3}{v^6 w^3 \pi^3}$	S	R	CDIF	K
20665	17339	1	$e^{\frac{\sin(u)}{v^2 w \pi}}$	S	R	CDIF	E
20666	17340	1	$\log\left(\frac{\sin(u)}{v^2 w \pi}\right)$	S	R	CDIF	L
20667	17341	1	$\arcsin\left(\frac{\sin(u)}{v^2 w \pi}\right)$	S	R	CDIF	S
20668	17342	1	$\arctan\left(\frac{\sin(u)}{v^2 w \pi}\right)$	S	R	CDIF	T
20669	17343	1	$\sqrt{\frac{v^4 w^2 \pi^2 - 1 + (\cos(u))^2}{v^4 w^2 \pi^2}}$	S	R	CDIF	P
20670	17344	1	$\sqrt{\frac{v^4 w^2 \pi^2 + 1 - (\cos(u))^2}{v^4 w^2 \pi^2}}$	S	R	CDIF	H
20671	17345	1	$\frac{\sin(u) \sqrt{w}}{v^2}$	S	R	AB	CD
20672	17346	1	$\frac{v^2}{\sin(u) \sqrt{w}}$	S	R	AB	CDI
20673	17347	1	$\frac{\sin(u) \sqrt{w} \pi}{v^2}$	S	R	AB	CDF
20674	17348	1	$\frac{v^2}{\sin(u) \sqrt{w} \pi}$	S	R	AB	CDIF
20675	17349	1	$\frac{(\sin(u))^2 w}{v^4}$	S	R	AB	AB
20676	17350	1	$\sqrt{\frac{\sin(u) \sqrt{w}}{v^2}}$	S	R	AB	R

20677	17351	1	$\frac{(\sin(u))^3 w^{3/2}}{v^6}$	S	R	AB	K
20678	17352	1	$e^{\frac{\sin(u)\sqrt{w}}{v^2}}$	S	R	AB	E
20679	17353	1	$\log\left(\frac{\sin(u)\sqrt{w}}{v^2}\right)$	S	R	AB	L
20680	17354	1	$\arcsin\left(\frac{\sin(u)\sqrt{w}}{v^2}\right)$	S	R	AB	S
20681	17355	1	$\arctan\left(\frac{\sin(u)\sqrt{w}}{v^2}\right)$	S	R	AB	T
20682	17356	1	$\sqrt{\frac{v^4 - w + w(\cos(u))^2}{v^4}}$	S	R	AB	P
20683	17357	1	$\sqrt{-\frac{v^4 - w + w(\cos(u))^2}{v^4}}$	S	R	AB	H
20684	17358	1	$\frac{\sin(u) w^2}{v^2}$	S	R	R	CD
20685	17359	1	$\frac{v^2}{\sin(u) w^2}$	S	R	R	CDI
20686	17360	1	$\frac{\sin(u) w^2 \pi}{v^2}$	S	R	R	CDF
20687	17361	1	$\frac{v^2}{\sin(u) w^2 \pi}$	S	R	R	CDIF
20688	17362	1	$\frac{(\sin(u))^2 w^4}{v^4}$	S	R	R	AB
20689	17363	1	$\sqrt{\frac{\sin(u) w^2}{v^2}}$	S	R	R	R
20690	17364	1	$\frac{(\sin(u))^3 w^6}{v^6}$	S	R	R	K
20691	17365	1	$e^{\frac{\sin(u) w^2}{v^2}}$	S	R	R	E

20692	17366	1	$\log \left(\frac{\sin (u) w^2}{v^2} \right)$	S	R	R	L
20693	17367	1	$\arcsin \left(\frac{\sin (u) w^2}{v^2} \right)$	S	R	R	S
20694	17368	1	$\arctan \left(\frac{\sin (u) w^2}{v^2} \right)$	S	R	R	T
20695	17369	1	$\sqrt{\frac{v^4 - w^4 + w^4 (\cos (u))^2}{v^4}}$	S	R	R	P
20696	17370	1	$\sqrt{-\frac{v^4 - w^4 + w^4 (\cos (u))^2}{v^4}}$	S	R	R	H
20697	17371	1	$\frac{\sin (u) \sqrt[3]{w}}{v^2}$	S	R	K	CD
20698	17372	1	$\frac{v^2}{\sin (u) \sqrt[3]{w}}$	S	R	K	CDI
20699	17373	1	$\frac{\sin (u) \sqrt[3]{w} \pi}{v^2}$	S	R	K	CDF
20700	17374	1	$\frac{v^2}{\sin (u) \sqrt[3]{w} \pi}$	S	R	K	CDIF
20701	17375	1	$\frac{(\sin (u))^2 w^{2/3}}{v^4}$	S	R	K	AB
20702	17376	1	$\sqrt{\frac{\sin (u) \sqrt[3]{w}}{v^2}}$	S	R	K	R
20703	17377	1	$\frac{(\sin (u))^3 w}{v^6}$	S	R	K	K
20704	17378	1	$e^{\frac{\sin (u) \sqrt[3]{w}}{v^2}}$	S	R	K	E
20705	17379	1	$\log \left(\frac{\sin (u) \sqrt[3]{w}}{v^2} \right)$	S	R	K	L

20706	17380	1	$\arcsin\left(\frac{\sin(u)\sqrt[3]{w}}{v^2}\right)$	S	R	K	S
20707	17381	1	$\arctan\left(\frac{\sin(u)\sqrt[3]{w}}{v^2}\right)$	S	R	K	T
20708	17382	1	$\sqrt{\frac{v^4 + w^{2/3}(\cos(u))^2 - w^{2/3}}{v^4}}$	S	R	K	P
20709	17383	1	$\sqrt{\frac{v^4 - w^{2/3}(\cos(u))^2 + w^{2/3}}{v^4}}$	S	R	K	H
20710	17384	1	$\frac{\sin(u)\ln(w)}{v^2}$	S	R	E	CD
20711	17385	1	$\frac{v^2}{\sin(u)\ln(w)}$	S	R	E	CDI
20712	17386	1	$\frac{\sin(u)\ln(w)\pi}{v^2}$	S	R	E	CDF
20713	17387	1	$\frac{v^2}{\sin(u)\ln(w)\pi}$	S	R	E	CDIF
20714	17388	1	$\frac{(\sin(u))^2(\ln(w))^2}{v^4}$	S	R	E	AB
20715	17389	1	$\sqrt{\frac{\sin(u)\ln(w)}{v^2}}$	S	R	E	R
20716	17390	1	$\frac{(\sin(u))^3(\ln(w))^3}{v^6}$	S	R	E	K
20717	17391	1	$w^{\frac{\sin(u)}{v^2}}$	S	R	E	E
20718	17392	1	$\log\left(\frac{\sin(u)\ln(w)}{v^2}\right)$	S	R	E	L
20719	17393	1	$\arcsin\left(\frac{\sin(u)\ln(w)}{v^2}\right)$	S	R	E	S
20720	17394	1	$\arctan\left(\frac{\sin(u)\ln(w)}{v^2}\right)$	S	R	E	T

20721	17395	1	$\sqrt{\frac{v^4 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{v^4}}$	S	R	E	P
20722	17396	1	$\sqrt{\frac{v^4 + (\ln(w))^2 - (\ln(w))^2 (\cos(u))^2}{v^4}}$	S	R	E	H
20723	17397	1	$\frac{\sin(u) \text{Exp}(w)}{v^2}$	S	R	L	CD
20724	17398	1	$\frac{v^2}{\sin(u) \text{Exp}(w)}$	S	R	L	CDI
20725	17399	1	$\frac{\sin(u) \text{Exp}(w) \pi}{v^2}$	S	R	L	CDF
20726	17400	1	$\frac{v^2}{\sin(u) \text{Exp}(w) \pi}$	S	R	L	CDIF
20727	17401	1	$\frac{(\sin(u))^2 (\text{Exp}(w))^2}{v^4}$	S	R	L	AB
20728	17402	1	$\sqrt{\frac{\sin(u) \text{Exp}(w)}{v^2}}$	S	R	L	R
20729	17403	1	$\frac{(\sin(u))^3 (\text{Exp}(w))^3}{v^6}$	S	R	L	K
20730	17404	1	$e^{\frac{\sin(u) \text{Exp}(w)}{v^2}}$	S	R	L	E
20731	17405	1	$\log\left(\frac{\sin(u) \text{Exp}(w)}{v^2}\right)$	S	R	L	L
20732	17406	1	$\arcsin\left(\frac{\sin(u) \text{Exp}(w)}{v^2}\right)$	S	R	L	S
20733	17407	1	$\arctan\left(\frac{\sin(u) \text{Exp}(w)}{v^2}\right)$	S	R	L	T
20734	17408	1	$\sqrt{\frac{v^4 - (\text{Exp}(w))^2 + (\text{Exp}(w))^2 (\cos(u))^2}{v^4}}$	S	R	L	P

20735	17409	1	$\sqrt{\frac{v^4 + (\text{Exp}(w))^2 - (\text{Exp}(w))^2 (\cos(u))^2}{v^4}}$	S	R	L	H
20736	17410	1	$\frac{\sin(u) \sin(w)}{v^2}$	S	R	S	CD
20737	17411	1	$\frac{v^2}{\sin(u) \sin(w)}$	S	R	S	CDI
20738	17412	1	$\frac{\sin(u) \sin(w) \pi}{v^2}$	S	R	S	CDF
20739	17413	1	$\frac{v^2}{\sin(u) \sin(w) \pi}$	S	R	S	CDIF
20740	17414	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^4}$	S	R	S	AB
20741	17415	1	$\sqrt{\frac{\sin(u) \sin(w)}{v^2}}$	S	R	S	R
20742	17416	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v^6}$	S	R	S	K
20743	17417	1	$e^{\frac{\sin(u) \sin(w)}{v^2}}$	S	R	S	E
20744	17418	1	$\log\left(\frac{\sin(u) \sin(w)}{v^2}\right)$	S	R	S	L
20745	17419	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{v^2}\right)$	S	R	S	S
20746	17420	1	$\arctan\left(\frac{\sin(u) \sin(w)}{v^2}\right)$	S	R	S	T
20747	17421	1	$\sqrt{\frac{v^4 - 1 + (\cos(w))^2 + (\cos(u))^2}{v^4}}$	S	R	S	P
20748	17422	1	$\sqrt{\frac{v^4 + 1 - (\cos(w))^2 - (\cos(u))^2}{v^4}}$	S	R	S	H

20749	17423	1	$\frac{\sin(u) \sin(w)}{v^2 \cos(w)}$	S	R	T	CD
20750	17424	1	$\frac{v^2 \cos(w)}{\sin(u) \sin(w)}$	S	R	T	CDI
20751	17425	1	$\frac{\sin(u) \sin(w) \pi}{v^2 \cos(w)}$	S	R	T	CDF
20752	17426	1	$\frac{v^2 \cos(w)}{\sin(u) \sin(w) \pi}$	S	R	T	CDIF
20753	17427	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^4 (\cos(w))^2}$	S	R	T	AB
20754	17428	1	$\sqrt{\frac{\sin(u) \sin(w)}{v^2 \cos(w)}}$	S	R	T	R
20755	17429	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v^6 (\cos(w))^3}$	S	R	T	K
20756	17430	1	$e^{\frac{\sin(u) \sin(w)}{v^2 \cos(w)}}$	S	R	T	E
20757	17431	1	$\log\left(\frac{\sin(u) \sin(w)}{v^2 \cos(w)}\right)$	S	R	T	L
20758	17432	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{v^2 \cos(w)}\right)$	S	R	T	S
20759	17433	1	$\arctan\left(\frac{\sin(u) \sin(w)}{v^2 \cos(w)}\right)$	S	R	T	T
20760	17434	1	$\sqrt{\frac{v^4 (\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{v^4 (\cos(w))^2}}$	S	R	T	P
20761	17435	1	$\sqrt{\frac{v^4 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{v^4 (\cos(w))^2}}$	S	R	T	H
20762	17436	1	$\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}$	S	R	P	CD

20763	17437	1	$\frac{v^2}{\sin(u) \sqrt{1-w^2}}$	S	R	P	CDI
20764	17438	1	$\frac{\sin(u) \sqrt{-(w-1)(w+1)}\pi}{v^2}$	S	R	P	CDF
20765	17439	1	$\frac{v^2}{\sin(u) \sqrt{1-w^2}\pi}$	S	R	P	CDIF
20766	17440	1	$-\frac{(\sin(u))^2(-1+w^2)}{v^4}$	S	R	P	AB
20767	17441	1	$\sqrt{\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}}$	S	R	P	R
20768	17442	1	$\frac{(\sin(u))^3(1-w^2)^{3/2}}{v^6}$	S	R	P	K
20769	17443	1	$e^{\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}}$	S	R	P	E
20770	17444	1	$\log\left(\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}\right)$	S	R	P	L
20771	17445	1	$\arcsin\left(\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}\right)$	S	R	P	S
20772	17446	1	$\arctan\left(\frac{\sin(u) \sqrt{-(w-1)(w+1)}}{v^2}\right)$	S	R	P	T
20773	17447	1	$\sqrt{-\frac{v^4+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^4}}$	S	R	P	P
20774	17447	2	$\sqrt{-\frac{v^4+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^4}}$	S	R	H	H
20775	17448	1	$\sqrt{\frac{v^4+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^4}}$	S	R	P	H
20776	17448	2	$\sqrt{\frac{v^4+1-w^2-(\cos(u))^2+w^2(\cos(u))^2}{v^4}}$	S	R	H	P

20777	17449	1	$\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}$	S	R	H	CD
20778	17450	1	$\frac{v^2}{\sin(u) \sqrt{-1+w^2}}$	S	R	H	CDI
20779	17451	1	$\frac{\sin(u) \sqrt{(w-1)(w+1)}\pi}{v^2}$	S	R	H	CDF
20780	17452	1	$\frac{v^2}{\sin(u) \sqrt{-1+w^2}\pi}$	S	R	H	CDIF
20781	17453	1	$\frac{(\sin(u))^2 (-1+w^2)}{v^4}$	S	R	H	AB
20782	17454	1	$\sqrt{\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}}$	S	R	H	R
20783	17455	1	$\frac{(\sin(u))^3 (-1+w^2)^{3/2}}{v^6}$	S	R	H	K
20784	17456	1	$e^{\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}}$	S	R	H	E
20785	17457	1	$\log\left(\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	S	R	H	L
20786	17458	1	$\arcsin\left(\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	S	R	H	S
20787	17459	1	$\arctan\left(\frac{\sin(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	S	R	H	T
20788	17460	1	$\frac{\sin(u) w}{\sqrt[3]{v}}$	S	K	CD	CD
20789	17460	2	$\frac{\sin(u) w}{\sqrt[3]{v}}$	S	K	CDF	CDF
20790	17461	1	$\frac{\sqrt[3]{v}}{\sin(u) w}$	S	K	CD	CDI
20791	17461	2	$\frac{\sqrt[3]{v}}{\sin(u) w}$	S	K	CDF	CDIF

20792	17462	1	$\frac{\sin(u) w \pi}{\sqrt[3]{v}}$	S	K	CD	CDF
20793	17463	1	$\frac{\sqrt[3]{v}}{\sin(u) w \pi}$	S	K	CD	CDIF
20794	17464	1	$\frac{(\sin(u))^2 w^2}{v^{2/3}}$	S	K	CD	AB
20795	17465	1	$\sqrt{\frac{\sin(u) w}{\sqrt[3]{v}}}$	S	K	CD	R
20796	17466	1	$\frac{(\sin(u))^3 w^3}{v}$	S	K	CD	K
20797	17467	1	$e^{\frac{\sin(u) w}{\sqrt[3]{v}}}$	S	K	CD	E
20798	17468	1	$\log\left(\frac{\sin(u) w}{\sqrt[3]{v}}\right)$	S	K	CD	L
20799	17469	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt[3]{v}}\right)$	S	K	CD	S
20800	17470	1	$\arctan\left(\frac{\sin(u) w}{\sqrt[3]{v}}\right)$	S	K	CD	T
20801	17471	1	$\sqrt{\frac{v^{2/3} + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	CD	P
20802	17472	1	$\sqrt{-\frac{v^{2/3} + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	CD	H
20803	17473	1	$\frac{\sin(u)}{\sqrt[3]{v} w}$	S	K	CDI	CD
20804	17473	2	$\frac{\sin(u)}{\sqrt[3]{v} w}$	S	K	CDIF	CDF
20805	17474	1	$\frac{\sqrt[3]{v} w}{\sin(u)}$	S	K	CDI	CDI

20806	17474	2	$\frac{\sqrt[3]{vw}}{\sin(u)}$	S	K	CDIF	CDIF
20807	17475	1	$\frac{\sin(u)\pi}{\sqrt[3]{vw}}$	S	K	CDI	CDF
20808	17476	1	$\frac{\sqrt[3]{vw}}{\sin(u)\pi}$	S	K	CDI	CDIF
20809	17477	1	$\frac{(\sin(u))^2}{v^{2/3}w^2}$	S	K	CDI	AB
20810	17478	1	$\sqrt{\frac{\sin(u)}{\sqrt[3]{vw}}}$	S	K	CDI	R
20811	17479	1	$\frac{(\sin(u))^3}{vw^3}$	S	K	CDI	K
20812	17480	1	$e^{\frac{\sin(u)}{\sqrt[3]{vw}}}$	S	K	CDI	E
20813	17481	1	$\log\left(\frac{\sin(u)}{\sqrt[3]{vw}}\right)$	S	K	CDI	L
20814	17482	1	$\arcsin\left(\frac{\sin(u)}{\sqrt[3]{vw}}\right)$	S	K	CDI	S
20815	17483	1	$\arctan\left(\frac{\sin(u)}{\sqrt[3]{vw}}\right)$	S	K	CDI	T
20816	17484	1	$\sqrt{\frac{v^{2/3}w^2 + (\cos(u))^2 - 1}{v^{2/3}w^2}}$	S	K	CDI	P
20817	17485	1	$\sqrt{\frac{v^{2/3}w^2 - (\cos(u))^2 + 1}{v^{2/3}w^2}}$	S	K	CDI	H
20818	17486	1	$\frac{\sin(u)w}{\sqrt[3]{v\pi}}$	S	K	CDF	CD
20819	17487	1	$\frac{\sqrt[3]{v\pi}}{\sin(u)w}$	S	K	CDF	CDI

20820	17488	1	$\frac{(\sin(u))^2 w^2}{v^{2/3} \pi^2}$	S	K	CDF	AB
20821	17489	1	$\sqrt{\frac{\sin(u) w}{\sqrt[3]{v} \pi}}$	S	K	CDF	R
20822	17490	1	$\frac{(\sin(u))^3 w^3}{v \pi^3}$	S	K	CDF	K
20823	17491	1	$e^{\frac{\sin(u) w}{\sqrt[3]{v} \pi}}$	S	K	CDF	E
20824	17492	1	$\log\left(\frac{\sin(u) w}{\sqrt[3]{v} \pi}\right)$	S	K	CDF	L
20825	17493	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt[3]{v} \pi}\right)$	S	K	CDF	S
20826	17494	1	$\arctan\left(\frac{\sin(u) w}{\sqrt[3]{v} \pi}\right)$	S	K	CDF	T
20827	17495	1	$\sqrt{\frac{v^{2/3} \pi^2 + w^2 (\cos(u))^2 - w^2}{v^{2/3} \pi^2}}$	S	K	CDF	P
20828	17496	1	$\sqrt{\frac{v^{2/3} \pi^2 - w^2 (\cos(u))^2 + w^2}{v^{2/3} \pi^2}}$	S	K	CDF	H
20829	17497	1	$\frac{\sin(u)}{\sqrt[3]{v} w \pi}$	S	K	CDIF	CD
20830	17498	1	$\frac{\sqrt[3]{v} w \pi}{\sin(u)}$	S	K	CDIF	CDI
20831	17499	1	$\frac{(\sin(u))^2}{v^{2/3} w^2 \pi^2}$	S	K	CDIF	AB
20832	17500	1	$\sqrt{\frac{\sin(u)}{\sqrt[3]{v} w \pi}}$	S	K	CDIF	R
20833	17501	1	$\frac{(\sin(u))^3}{v w^3 \pi^3}$	S	K	CDIF	K

20834	17502	1	$e^{\frac{\sin(u)}{\sqrt[3]{v}w\pi}}$	S	K	CDIF	E
20835	17503	1	$\log\left(\frac{\sin(u)}{\sqrt[3]{v}w\pi}\right)$	S	K	CDIF	L
20836	17504	1	$\arcsin\left(\frac{\sin(u)}{\sqrt[3]{v}w\pi}\right)$	S	K	CDIF	S
20837	17505	1	$\arctan\left(\frac{\sin(u)}{\sqrt[3]{v}w\pi}\right)$	S	K	CDIF	T
20838	17506	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + (\cos(u))^2 - 1}{v^{2/3}w^2\pi^2}}$	S	K	CDIF	P
20839	17507	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 - (\cos(u))^2 + 1}{v^{2/3}w^2\pi^2}}$	S	K	CDIF	H
20840	17508	1	$\frac{\sin(u)\sqrt{w}}{\sqrt[3]{v}}$	S	K	AB	CD
20841	17509	1	$\frac{\sqrt[3]{v}}{\sin(u)\sqrt{w}}$	S	K	AB	CDI
20842	17510	1	$\frac{\sin(u)\sqrt{w}\pi}{\sqrt[3]{v}}$	S	K	AB	CDF
20843	17511	1	$\frac{\sqrt[3]{v}}{\sin(u)\sqrt{w}\pi}$	S	K	AB	CDIF
20844	17512	1	$\frac{(\sin(u))^2 w}{v^{2/3}}$	S	K	AB	AB
20845	17513	1	$\sqrt{\frac{\sin(u)\sqrt{w}}{\sqrt[3]{v}}}$	S	K	AB	R
20846	17514	1	$\frac{(\sin(u))^3 w^{3/2}}{v}$	S	K	AB	K
20847	17515	1	$e^{\frac{\sin(u)\sqrt{w}}{\sqrt[3]{v}}}$	S	K	AB	E

20848	17516	1	$\log \left(\frac{\sin (u) \sqrt{w}}{\sqrt[3]{v}} \right)$	S	K	AB	L
20849	17517	1	$\arcsin \left(\frac{\sin (u) \sqrt{w}}{\sqrt[3]{v}} \right)$	S	K	AB	S
20850	17518	1	$\arctan \left(\frac{\sin (u) \sqrt{w}}{\sqrt[3]{v}} \right)$	S	K	AB	T
20851	17519	1	$\sqrt{\frac{v^{2/3} + w (\cos (u))^2 - w}{v^{2/3}}}$	S	K	AB	P
20852	17520	1	$\sqrt{\frac{v^{2/3} - w (\cos (u))^2 + w}{v^{2/3}}}$	S	K	AB	H
20853	17521	1	$\frac{\sin (u) w^2}{\sqrt[3]{v}}$	S	K	R	CD
20854	17522	1	$\frac{\sqrt[3]{v}}{\sin (u) w^2}$	S	K	R	CDI
20855	17523	1	$\frac{\sin (u) w^2 \pi}{\sqrt[3]{v}}$	S	K	R	CDF
20856	17524	1	$\frac{\sqrt[3]{v}}{\sin (u) w^2 \pi}$	S	K	R	CDIF
20857	17525	1	$\frac{(\sin (u))^2 w^4}{v^{2/3}}$	S	K	R	AB
20858	17526	1	$\sqrt{\frac{\sin (u) w^2}{\sqrt[3]{v}}}$	S	K	R	R
20859	17527	1	$\frac{(\sin (u))^3 w^6}{v}$	S	K	R	K
20860	17528	1	$e^{\frac{\sin (u) w^2}{\sqrt[3]{v}}}$	S	K	R	E
20861	17529	1	$\log \left(\frac{\sin (u) w^2}{\sqrt[3]{v}} \right)$	S	K	R	L

20862	17530	1	$\arcsin\left(\frac{\sin(u) w^2}{\sqrt[3]{v}}\right)$	S	K	R	S
20863	17531	1	$\arctan\left(\frac{\sin(u) w^2}{\sqrt[3]{v}}\right)$	S	K	R	T
20864	17532	1	$\sqrt{\frac{v^{2/3} + w^4 (\cos(u))^2 - w^4}{v^{2/3}}}$	S	K	R	P
20865	17533	1	$\sqrt{\frac{v^{2/3} - w^4 (\cos(u))^2 + w^4}{v^{2/3}}}$	S	K	R	H
20866	17534	1	$\frac{\sin(u) \sqrt[3]{w}}{\sqrt[3]{v}}$	S	K	K	CD
20867	17535	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt[3]{w}}$	S	K	K	CDI
20868	17536	1	$\frac{\sin(u) \sqrt[3]{w} \pi}{\sqrt[3]{v}}$	S	K	K	CDF
20869	17537	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt[3]{w} \pi}$	S	K	K	CDIF
20870	17538	1	$\frac{(\sin(u))^2 w^{2/3}}{v^{2/3}}$	S	K	K	AB
20871	17539	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\sqrt[3]{v}}}$	S	K	K	R
20872	17540	1	$\frac{(\sin(u))^3 w}{v}$	S	K	K	K
20873	17541	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\sqrt[3]{v}}}$	S	K	K	E
20874	17542	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	S	K	K	L
20875	17543	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	S	K	K	S

20876	17544	1	$\arctan\left(\frac{\sin(u)\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	S	K	K	T
20877	17545	1	$\sqrt{\frac{v^{2/3} + w^{2/3}(\cos(u))^2 - w^{2/3}}{v^{2/3}}}$	S	K	K	P
20878	17546	1	$\sqrt{-\frac{-v^{2/3} + w^{2/3}(\cos(u))^2 - w^{2/3}}{v^{2/3}}}$	S	K	K	H
20879	17547	1	$\frac{\sin(u)\ln(w)}{\sqrt[3]{v}}$	S	K	E	CD
20880	17548	1	$\frac{\sqrt[3]{v}}{\sin(u)\ln(w)}$	S	K	E	CDI
20881	17549	1	$\frac{\sin(u)\ln(w)\pi}{\sqrt[3]{v}}$	S	K	E	CDF
20882	17550	1	$\frac{\sqrt[3]{v}}{\sin(u)\ln(w)\pi}$	S	K	E	CDIF
20883	17551	1	$\frac{(\sin(u))^2(\ln(w))^2}{v^{2/3}}$	S	K	E	AB
20884	17552	1	$\sqrt{\frac{\sin(u)\ln(w)}{\sqrt[3]{v}}}$	S	K	E	R
20885	17553	1	$\frac{(\sin(u))^3(\ln(w))^3}{v}$	S	K	E	K
20886	17554	1	$w^{\frac{\sin(u)}{\sqrt[3]{v}}}$	S	K	E	E
20887	17555	1	$\log\left(\frac{\sin(u)\ln(w)}{\sqrt[3]{v}}\right)$	S	K	E	L
20888	17556	1	$\arcsin\left(\frac{\sin(u)\ln(w)}{\sqrt[3]{v}}\right)$	S	K	E	S
20889	17557	1	$\arctan\left(\frac{\sin(u)\ln(w)}{\sqrt[3]{v}}\right)$	S	K	E	T

20890	17558	1	$\sqrt{\frac{v^{2/3} + (\ln(w))^2 (\cos(u))^2 - (\ln(w))^2}{v^{2/3}}}$	S	K	E	P
20891	17559	1	$\sqrt{-\frac{v^{2/3} + (\ln(w))^2 (\cos(u))^2 - (\ln(w))^2}{v^{2/3}}}$	S	K	E	H
20892	17560	1	$\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}$	S	K	L	CD
20893	17561	1	$\frac{\sqrt[3]{v}}{\sin(u) \operatorname{Exp}(w)}$	S	K	L	CDI
20894	17562	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{\sqrt[3]{v}}$	S	K	L	CDF
20895	17563	1	$\frac{\sqrt[3]{v}}{\sin(u) \operatorname{Exp}(w) \pi}$	S	K	L	CDIF
20896	17564	1	$\frac{(\sin(u))^2 (\operatorname{Exp}(w))^2}{v^{2/3}}$	S	K	L	AB
20897	17565	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	S	K	L	R
20898	17566	1	$\frac{(\sin(u))^3 (\operatorname{Exp}(w))^3}{v}$	S	K	L	K
20899	17567	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	S	K	L	E
20900	17568	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	S	K	L	L
20901	17569	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	S	K	L	S
20902	17570	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	S	K	L	T
20903	17571	1	$\sqrt{\frac{v^{2/3} - (\operatorname{Exp}(w))^2 + (\operatorname{Exp}(w))^2 (\cos(u))^2}{v^{2/3}}}$	S	K	L	P

20904	17572	1	$\sqrt{-\frac{-v^{2/3} - (Exp(w))^2 + (Exp(w))^2 (\cos(u))^2}{v^{2/3}}}$	~~S~~	~~K~~	L	H
20905	17573	1	$\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}$	S	K	S	CD
20906	17574	1	$\frac{\sqrt[3]{v}}{\sin(u) \sin(w)}$	S	K	S	CDI
20907	17575	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt[3]{v}}$	S	K	S	CDF
20908	17576	1	$\frac{\sqrt[3]{v}}{\sin(u) \sin(w) \pi}$	S	K	S	CDIF
20909	17577	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^{2/3}}$	S	K	S	AB
20910	17578	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}}$	S	K	S	R
20911	17579	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v}$	S	K	S	K
20912	17580	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}}$	S	K	S	E
20913	17581	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}\right)$	S	K	S	L
20914	17582	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}\right)$	S	K	S	S
20915	17583	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v}}\right)$	S	K	S	T
20916	17584	1	$\sqrt{\frac{v^{2/3} - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{v^{2/3}}}$	~~S~~	~~K~~	~~S~~	~~P~~
20917	17585	1	$\sqrt{\frac{v^{2/3} + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{v^{2/3}}}$	~~S~~	~~K~~	~~S~~	~~H~~

20918	17586	1	$\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}$	S	K	T	CD
20919	17587	1	$\frac{\sqrt[3]{v} \cos(w)}{\sin(u) \sin(w)}$	S	K	T	CDI
20920	17588	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt[3]{v} \cos(w)}$	S	K	T	CDF
20921	17589	1	$\frac{\sqrt[3]{v} \cos(w)}{\sin(u) \sin(w) \pi}$	S	K	T	CDIF
20922	17590	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^{2/3} (\cos(w))^2}$	S	K	T	AB
20923	17591	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}}$	S	K	T	R
20924	17592	1	$\frac{(\sin(u))^3 (\sin(w))^3}{v (\cos(w))^3}$	S	K	T	K
20925	17593	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}}$	S	K	T	E
20926	17594	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}\right)$	S	K	T	L
20927	17595	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}\right)$	S	K	T	S
20928	17596	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\sqrt[3]{v} \cos(w)}\right)$	S	K	T	T
20929	17597	1	$\sqrt{\frac{v^{2/3} (\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{v^{2/3} (\cos(w))^2}}$	S	K	T	P
20930	17598	1	$\sqrt{\frac{v^{2/3} (\cos(w))^2 + 1 - (\cos(w))^2 + (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{v^{2/3} (\cos(w))^2}}$	S	K	T	H
20931	17599	1	$\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}$	S	K	P	CD

20932	17600	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt{1-w^2}}$	S	K	P	CDI
20933	17601	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	S	K	P	CDF
20934	17602	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt{1-w^2} \pi}$	S	K	P	CDIF
20935	17603	1	$-\frac{(\sin(u))^2 (-1+w^2)}{v^{2/3}}$	S	K	P	AB
20936	17604	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	S	K	P	R
20937	17605	1	$\frac{(\sin(u))^3 (1-w^2)^{3/2}}{v}$	S	K	P	K
20938	17606	1	$e^{\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	S	K	P	E
20939	17607	1	$\log\left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	S	K	P	L
20940	17608	1	$\arcsin\left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	S	K	P	S
20941	17609	1	$\arctan\left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	S	K	P	T
20942	17610	1	$\sqrt{-\frac{v^{2/3} - (\cos(u))^2 + 1 + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	P	P
20943	17610	2	$\sqrt{-\frac{v^{2/3} - (\cos(u))^2 + 1 + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	H	H
20944	17611	1	$\sqrt{\frac{v^{2/3} - (\cos(u))^2 + 1 + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	P	H
20945	17611	2	$\sqrt{\frac{v^{2/3} - (\cos(u))^2 + 1 + w^2 (\cos(u))^2 - w^2}{v^{2/3}}}$	S	K	H	P

20946	17612	1	$\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}$	S	K	H	CD
20947	17613	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt{-1+w^2}}$	S	K	H	CDI
20948	17614	1	$\frac{\sin(u) \sqrt{-1+w^2} \pi}{\sqrt[3]{v}}$	S	K	H	CDF
20949	17615	1	$\frac{\sqrt[3]{v}}{\sin(u) \sqrt{-1+w^2} \pi}$	S	K	H	CDIF
20950	17616	1	$\frac{(\sin(u))^2 (-1+w^2)}{v^{2/3}}$	S	K	H	AB
20951	17617	1	$\sqrt{\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}}$	S	K	H	R
20952	17618	1	$\frac{(\sin(u))^3 (-1+w^2)^{3/2}}{v}$	S	K	H	K
20953	17619	1	$e^{\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}}$	S	K	H	E
20954	17620	1	$\log\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	S	K	H	L
20955	17621	1	$\arcsin\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	S	K	H	S
20956	17622	1	$\arctan\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	S	K	H	T
20957	17623	1	$\frac{\sin(u) w}{\ln(v)}$	S	E	CD	CD
20958	17623	2	$\frac{\sin(u) w}{\ln(v)}$	S	E	CDF	CDF
20959	17624	1	$\frac{\ln(v)}{\sin(u) w}$	S	E	CD	CDI
20960	17624	2	$\frac{\ln(v)}{\sin(u) w}$	S	E	CDF	CDIF

20961	17625	1	$\frac{\sin(u) w \pi}{\ln(v)}$	S	E	CD	CDF
20962	17626	1	$\frac{\ln(v)}{\sin(u) w \pi}$	S	E	CD	CDIF
20963	17627	1	$\frac{(\sin(u))^2 w^2}{(\ln(v))^2}$	S	E	CD	AB
20964	17628	1	$\sqrt{\frac{\sin(u) w}{\ln(v)}}$	S	E	CD	R
20965	17629	1	$\frac{(\sin(u))^3 w^3}{(\ln(v))^3}$	S	E	CD	K
20966	17630	1	$e^{\frac{\sin(u) w}{\ln(v)}}$	S	E	CD	E
20967	17631	1	$\log\left(\frac{\sin(u) w}{\ln(v)}\right)$	S	E	CD	L
20968	17632	1	$\arcsin\left(\frac{\sin(u) w}{\ln(v)}\right)$	S	E	CD	S
20969	17633	1	$\arctan\left(\frac{\sin(u) w}{\ln(v)}\right)$	S	E	CD	T
20970	17634	1	$\sqrt{\frac{(\ln(v))^2 - w^2 + w^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	CD	P
20971	17635	1	$\sqrt{-\frac{(\ln(v))^2 - w^2 + w^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	CD	H
20972	17636	1	$\frac{\sin(u)}{\ln(v) w}$	S	E	CDI	CD
20973	17636	2	$\frac{\sin(u)}{\ln(v) w}$	S	E	CDIF	CDF
20974	17637	1	$\frac{\ln(v) w}{\sin(u)}$	S	E	CDI	CDI
20975	17637	2	$\frac{\ln(v) w}{\sin(u)}$	S	E	CDIF	CDIF

20976	17638	1	$\frac{\sin(u) \pi}{\ln(v) w}$	S	E	CDI	CDF
20977	17639	1	$\frac{\ln(v) w}{\sin(u) \pi}$	S	E	CDI	CDIF
20978	17640	1	$\frac{(\sin(u))^2}{(\ln(v))^2 w^2}$	S	E	CDI	AB
20979	17641	1	$\sqrt{\frac{\sin(u)}{\ln(v) w}}$	S	E	CDI	R
20980	17642	1	$\frac{(\sin(u))^3}{(\ln(v))^3 w^3}$	S	E	CDI	K
20981	17643	1	$e^{\frac{\sin(u)}{\ln(v) w}}$	S	E	CDI	E
20982	17644	1	$\log\left(\frac{\sin(u)}{\ln(v) w}\right)$	S	E	CDI	L
20983	17645	1	$\arcsin\left(\frac{\sin(u)}{\ln(v) w}\right)$	S	E	CDI	S
20984	17646	1	$\arctan\left(\frac{\sin(u)}{\ln(v) w}\right)$	S	E	CDI	T
20985	17647	1	$\sqrt{\frac{(\ln(v))^2 w^2 - 1 + (\cos(u))^2}{(\ln(v))^2 w^2}}$	S	E	CDI	P
20986	17648	1	$\sqrt{\frac{(\ln(v))^2 w^2 + 1 - (\cos(u))^2}{(\ln(v))^2 w^2}}$	S	E	CDI	H
20987	17649	1	$\frac{\sin(u) w}{\ln(v) \pi}$	S	E	CDF	CD
20988	17650	1	$\frac{\ln(v) \pi}{\sin(u) w}$	S	E	CDF	CDI
20989	17651	1	$\frac{(\sin(u))^2 w^2}{(\ln(v))^2 \pi^2}$	S	E	CDF	AB

20990	17652	1	$\sqrt{\frac{\sin(u) w}{\ln(v) \pi}}$	S	E	CDF	R
20991	17653	1	$\frac{(\sin(u))^3 w^3}{(\ln(v))^3 \pi^3}$	S	E	CDF	K
20992	17654	1	$e^{\frac{\sin(u) w}{\ln(v) \pi}}$	S	E	CDF	E
20993	17655	1	$\log\left(\frac{\sin(u) w}{\ln(v) \pi}\right)$	S	E	CDF	L
20994	17656	1	$\arcsin\left(\frac{\sin(u) w}{\ln(v) \pi}\right)$	S	E	CDF	S
20995	17657	1	$\arctan\left(\frac{\sin(u) w}{\ln(v) \pi}\right)$	S	E	CDF	T
20996	17658	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - w^2 + w^2 (\cos(u))^2}{(\ln(v))^2 \pi^2}}$	S	E	CDF	P
20997	17659	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + w^2 - w^2 (\cos(u))^2}{(\ln(v))^2 \pi^2}}$	S	E	CDF	H
20998	17660	1	$\frac{\sin(u)}{\ln(v) w \pi}$	S	E	CDIF	CD
20999	17661	1	$\frac{\ln(v) w \pi}{\sin(u)}$	S	E	CDIF	CDI
21000	17662	1	$\frac{(\sin(u))^2}{(\ln(v))^2 w^2 \pi^2}$	S	E	CDIF	AB
21001	17663	1	$\sqrt{\frac{\sin(u)}{\ln(v) w \pi}}$	S	E	CDIF	R
21002	17664	1	$\frac{(\sin(u))^3}{(\ln(v))^3 w^3 \pi^3}$	S	E	CDIF	K
21003	17665	1	$e^{\frac{\sin(u)}{\ln(v) w \pi}}$	S	E	CDIF	E

21004	17666	1	$\log \left(\frac{\sin (u)}{\ln (v) w \pi} \right)$	S	E	CDIF	L
21005	17667	1	$\arcsin \left(\frac{\sin (u)}{\ln (v) w \pi} \right)$	S	E	CDIF	S
21006	17668	1	$\arctan \left(\frac{\sin (u)}{\ln (v) w \pi} \right)$	S	E	CDIF	T
21007	17669	1	$\sqrt{\frac{(\ln (v))^2 w^2 \pi^2 - 1 + (\cos (u))^2}{(\ln (v))^2 w^2 \pi^2}}$	S	E	CDIF	P
21008	17670	1	$\sqrt{\frac{(\ln (v))^2 w^2 \pi^2 + 1 - (\cos (u))^2}{(\ln (v))^2 w^2 \pi^2}}$	S	E	CDIF	H
21009	17671	1	$\frac{\sin (u) \sqrt{w}}{\ln (v)}$	S	E	AB	CD
21010	17672	1	$\frac{\ln (v)}{\sin (u) \sqrt{w}}$	S	E	AB	CDI
21011	17673	1	$\frac{\sin (u) \sqrt{w} \pi}{\ln (v)}$	S	E	AB	CDF
21012	17674	1	$\frac{\ln (v)}{\sin (u) \sqrt{w} \pi}$	S	E	AB	CDIF
21013	17675	1	$\frac{(\sin (u))^2 w}{(\ln (v))^2}$	S	E	AB	AB
21014	17676	1	$\sqrt{\frac{\sin (u) \sqrt{w}}{\ln (v)}}$	S	E	AB	R
21015	17677	1	$\frac{(\sin (u))^3 w^{3/2}}{(\ln (v))^3}$	S	E	AB	K
21016	17678	1	$e^{\frac{\sin (u) \sqrt{w}}{\ln (v)}}$	S	E	AB	E
21017	17679	1	$\log \left(\frac{\sin (u) \sqrt{w}}{\ln (v)} \right)$	S	E	AB	L
21018	17680	1	$\arcsin \left(\frac{\sin (u) \sqrt{w}}{\ln (v)} \right)$	S	E	AB	S

21019	17681	1	$\arctan\left(\frac{\sin(u)\sqrt{w}}{\ln(v)}\right)$	S	E	AB	T
21020	17682	1	$\sqrt{\frac{(\ln(v))^2 - w + w(\cos(u))^2}{(\ln(v))^2}}$	S	E	AB	P
21021	17683	1	$\sqrt{-\frac{(\ln(v))^2 - w + w(\cos(u))^2}{(\ln(v))^2}}$	S	E	AB	H
21022	17684	1	$\frac{\sin(u)w^2}{\ln(v)}$	S	E	R	CD
21023	17685	1	$\frac{\ln(v)}{\sin(u)w^2}$	S	E	R	CDI
21024	17686	1	$\frac{\sin(u)w^2\pi}{\ln(v)}$	S	E	R	CDF
21025	17687	1	$\frac{\ln(v)}{\sin(u)w^2\pi}$	S	E	R	CDIF
21026	17688	1	$\frac{(\sin(u))^2w^4}{(\ln(v))^2}$	S	E	R	AB
21027	17689	1	$\sqrt{\frac{\sin(u)w^2}{\ln(v)}}$	S	E	R	R
21028	17690	1	$\frac{(\sin(u))^3w^6}{(\ln(v))^3}$	S	E	R	K
21029	17691	1	$e^{\frac{\sin(u)w^2}{\ln(v)}}$	S	E	R	E
21030	17692	1	$\log\left(\frac{\sin(u)w^2}{\ln(v)}\right)$	S	E	R	L
21031	17693	1	$\arcsin\left(\frac{\sin(u)w^2}{\ln(v)}\right)$	S	E	R	S
21032	17694	1	$\arctan\left(\frac{\sin(u)w^2}{\ln(v)}\right)$	S	E	R	T

21033	17695	1	$\sqrt{\frac{(\ln(v))^2 - w^4 + w^4 (\cos(u))^2}{(\ln(v))^2}}$	S	E	R	P
21034	17696	1	$\sqrt{-\frac{(\ln(v))^2 - w^4 + w^4 (\cos(u))^2}{(\ln(v))^2}}$	S	E	R	H
21035	17697	1	$\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}$	S	E	K	CD
21036	17698	1	$\frac{\ln(v)}{\sin(u) \sqrt[3]{w}}$	S	E	K	CDI
21037	17699	1	$\frac{\sin(u) \sqrt[3]{w} \pi}{\ln(v)}$	S	E	K	CDF
21038	17700	1	$\frac{\ln(v)}{\sin(u) \sqrt[3]{w} \pi}$	S	E	K	CDIF
21039	17701	1	$\frac{(\sin(u))^2 w^{2/3}}{(\ln(v))^2}$	S	E	K	AB
21040	17702	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}}$	S	E	K	R
21041	17703	1	$\frac{(\sin(u))^3 w}{(\ln(v))^3}$	S	E	K	K
21042	17704	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}}$	S	E	K	E
21043	17705	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}\right)$	S	E	K	L
21044	17706	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}\right)$	S	E	K	S
21045	17707	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w}}{\ln(v)}\right)$	S	E	K	T
21046	17708	1	$\sqrt{\frac{(\ln(v))^2 - w^{2/3} + w^{2/3} (\cos(u))^2}{(\ln(v))^2}}$	S	E	K	P

21047	17709	1	$\sqrt{-\frac{-(\ln(v))^2 - w^{2/3} + w^{2/3} (\cos(u))^2}{(\ln(v))^2}}$	S	E	K	H
21048	17710	1	$\frac{\sin(u) \ln(w)}{\ln(v)}$	S	E	E	CD
21049	17711	1	$\frac{\ln(v)}{\sin(u) \ln(w)}$	S	E	E	CDI
21050	17712	1	$\frac{\sin(u) \ln(w) \pi}{\ln(v)}$	S	E	E	CDF
21051	17713	1	$\frac{\ln(v)}{\sin(u) \ln(w) \pi}$	S	E	E	CDIF
21052	17714	1	$\frac{(\sin(u))^2 (\ln(w))^2}{(\ln(v))^2}$	S	E	E	AB
21053	17715	1	$\sqrt{\frac{\sin(u) \ln(w)}{\ln(v)}}$	S	E	E	R
21054	17716	1	$\frac{(\sin(u))^3 (\ln(w))^3}{(\ln(v))^3}$	S	E	E	K
21055	17717	1	$w^{\frac{\sin(u)}{\ln(v)}}$	S	E	E	E
21056	17718	1	$\log\left(\frac{\sin(u) \ln(w)}{\ln(v)}\right)$	S	E	E	L
21057	17719	1	$\arcsin\left(\frac{\sin(u) \ln(w)}{\ln(v)}\right)$	S	E	E	S
21058	17720	1	$\arctan\left(\frac{\sin(u) \ln(w)}{\ln(v)}\right)$	S	E	E	T
21059	17721	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	E	P
21060	17722	1	$\sqrt{-\frac{-(\ln(v))^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	E	H

21061	17723	1	$\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}$	S	E	L	CD
21062	17724	1	$\frac{\ln(v)}{\sin(u) \operatorname{Exp}(w)}$	S	E	L	CDI
21063	17725	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{\ln(v)}$	S	E	L	CDF
21064	17726	1	$\frac{\ln(v)}{\sin(u) \operatorname{Exp}(w) \pi}$	S	E	L	CDIF
21065	17727	1	$\frac{(\sin(u))^2 (\operatorname{Exp}(w))^2}{(\ln(v))^2}$	S	E	L	AB
21066	17728	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}}$	S	E	L	R
21067	17729	1	$\frac{(\sin(u))^3 (\operatorname{Exp}(w))^3}{(\ln(v))^3}$	S	E	L	K
21068	17730	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}}$	S	E	L	E
21069	17731	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	S	E	L	L
21070	17732	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	S	E	L	S
21071	17733	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	S	E	L	T
21072	17734	1	$\sqrt{\frac{(\ln(v))^2 - (\operatorname{Exp}(w))^2 + (\operatorname{Exp}(w))^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	L	P
21073	17735	1	$\sqrt{-\frac{(\ln(v))^2 - (\operatorname{Exp}(w))^2 + (\operatorname{Exp}(w))^2 (\cos(u))^2}{(\ln(v))^2}}$	S	E	L	H
21074	17736	1	$\frac{\sin(u) \sin(w)}{\ln(v)}$	S	E	S	CD
21075	17737	1	$\frac{\ln(v)}{\sin(u) \sin(w)}$	S	E	S	CDI

21076	17738	1	$\frac{\sin(u) \sin(w) \pi}{\ln(v)}$	S	E	S	CDF
21077	17739	1	$\frac{\ln(v)}{\sin(u) \sin(w) \pi}$	S	E	S	CDIF
21078	17740	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\ln(v))^2}$	S	E	S	AB
21079	17741	1	$\sqrt{\frac{\sin(u) \sin(w)}{\ln(v)}}$	S	E	S	R
21080	17742	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\ln(v))^3}$	S	E	S	K
21081	17743	1	$e^{\frac{\sin(u) \sin(w)}{\ln(v)}}$	S	E	S	E
21082	17744	1	$\log\left(\frac{\sin(u) \sin(w)}{\ln(v)}\right)$	S	E	S	L
21083	17745	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\ln(v)}\right)$	S	E	S	S
21084	17746	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\ln(v)}\right)$	S	E	S	T
21085	17747	1	$\sqrt{\frac{-(\ln(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	S	E	S	P
21086	17748	1	$\sqrt{\frac{(\ln(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\ln(v))^2}}$	S	E	S	H
21087	17749	1	$\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}$	S	E	T	CD
21088	17750	1	$\frac{\ln(v) \cos(w)}{\sin(u) \sin(w)}$	S	E	T	CDI
21089	17751	1	$\frac{\sin(u) \sin(w) \pi}{\ln(v) \cos(w)}$	S	E	T	CDF

21090	17752	1	$\frac{\ln(v) \cos(w)}{\sin(u) \sin(w) \pi}$	S	E	T	CDIF
21091	17753	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\ln(v))^2 (\cos(w))^2}$	S	E	T	AB
21092	17754	1	$\sqrt{\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}}$	S	E	T	R
21093	17755	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\ln(v))^3 (\cos(w))^3}$	S	E	T	K
21094	17756	1	$e^{\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}}$	S	E	T	E
21095	17757	1	$\log\left(\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}\right)$	S	E	T	L
21096	17758	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}\right)$	S	E	T	S
21097	17759	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\ln(v) \cos(w)}\right)$	S	E	T	T
21098	17760	1	$\sqrt{-\frac{(\ln(v))^2 (\cos(w))^2 + 1 - (\cos(w))^2}{(\ln(v))^2 (\cos(w))^2} \frac{(\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\ln(v))^2 (\cos(w))^2}}$	S	E	T	P
21099	17761	1	$\sqrt{\frac{(\ln(v))^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2}{(\ln(v))^2 (\cos(w))^2} \frac{(\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\ln(v))^2 (\cos(w))^2}}$	S	E	T	H
21100	17762	1	$\frac{\sin(u) \sqrt{1-w^2}}{\ln(v)}$	S	E	P	CD
21101	17763	1	$\frac{\ln(v)}{\sin(u) \sqrt{1-w^2}}$	S	E	P	CDI
21102	17764	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{\ln(v)}$	S	E	P	CDF
21103	17765	1	$\frac{\ln(v)}{\sin(u) \sqrt{1-w^2} \pi}$	S	E	P	CDIF

21104	17766	1	$-\frac{(\sin(u))^2(-1+w^2)}{(\ln(v))^2}$	S	E	P	AB
21105	17767	1	$\sqrt{\frac{\sin(u)\sqrt{1-w^2}}{\ln(v)}}$	S	E	P	R
21106	17768	1	$\frac{(\sin(u))^3(1-w^2)^{3/2}}{(\ln(v))^3}$	S	E	P	K
21107	17769	1	$e^{\frac{\sin(u)\sqrt{1-w^2}}{\ln(v)}}$	S	E	P	E
21108	17770	1	$\log\left(\frac{\sin(u)\sqrt{1-w^2}}{\ln(v)}\right)$	S	E	P	L
21109	17771	1	$\arcsin\left(\frac{\sin(u)\sqrt{1-w^2}}{\ln(v)}\right)$	S	E	P	S
21110	17772	1	$\arctan\left(\frac{\sin(u)\sqrt{1-w^2}}{\ln(v)}\right)$	S	E	P	T
21111	17773	1	$\sqrt{-\frac{(\ln(v))^2+1-(\cos(u))^2-w^2+w^2(\cos(u))^2}{(\ln(v))^2}}$	S	E	P	P
21112	17773	2	$\sqrt{-\frac{(\ln(v))^2+1-(\cos(u))^2-w^2+w^2(\cos(u))^2}{(\ln(v))^2}}$	S	E	H	H
21113	17774	1	$\sqrt{\frac{(\ln(v))^2+1-(\cos(u))^2-w^2+w^2(\cos(u))^2}{(\ln(v))^2}}$	S	E	P	H
21114	17774	2	$\sqrt{\frac{(\ln(v))^2+1-(\cos(u))^2-w^2+w^2(\cos(u))^2}{(\ln(v))^2}}$	S	E	H	P
21115	17775	1	$\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}$	S	E	H	CD
21116	17776	1	$\frac{\ln(v)}{\sin(u)\sqrt{-1+w^2}}$	S	E	H	CDI
21117	17777	1	$\frac{\sin(u)\sqrt{-1+w^2}\pi}{\ln(v)}$	S	E	H	CDF

21118	17778	1	$\frac{\ln(v)}{\sin(u)\sqrt{-1+w^2}\pi}$	S	E	H	CDIF
21119	17779	1	$\frac{(\sin(u))^2(-1+w^2)}{(\ln(v))^2}$	S	E	H	AB
21120	17780	1	$\sqrt{\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}}$	S	E	H	R
21121	17781	1	$\frac{(\sin(u))^3(-1+w^2)^{3/2}}{(\ln(v))^3}$	S	E	H	K
21122	17782	1	$e^{\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}}$	S	E	H	E
21123	17783	1	$\log\left(\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	S	E	H	L
21124	17784	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	S	E	H	S
21125	17785	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{\ln(v)}\right)$	S	E	H	T
21126	17786	1	$\frac{\sin(u)w}{Exp(v)}$	S	L	CD	CD
21127	17786	2	$\frac{\sin(u)w}{Exp(v)}$	S	L	CDF	CDF
21128	17787	1	$\frac{Exp(v)}{\sin(u)w}$	S	L	CD	CDI
21129	17787	2	$\frac{Exp(v)}{\sin(u)w}$	S	L	CDF	CDIF
21130	17788	1	$\frac{\sin(u)w\pi}{Exp(v)}$	S	L	CD	CDF
21131	17789	1	$\frac{Exp(v)}{\sin(u)w\pi}$	S	L	CD	CDIF
21132	17790	1	$\frac{(\sin(u))^2w^2}{(Exp(v))^2}$	S	L	CD	AB

21133	17791	1	$\sqrt{\frac{\sin(u) w}{Exp(v)}}$	S	L	CD	R
21134	17792	1	$\frac{(\sin(u))^3 w^3}{(Exp(v))^3}$	S	L	CD	K
21135	17793	1	$e^{\frac{\sin(u) w}{Exp(v)}}$	S	L	CD	E
21136	17794	1	$\log\left(\frac{\sin(u) w}{Exp(v)}\right)$	S	L	CD	L
21137	17795	1	$\arcsin\left(\frac{\sin(u) w}{Exp(v)}\right)$	S	L	CD	S
21138	17796	1	$\arctan\left(\frac{\sin(u) w}{Exp(v)}\right)$	S	L	CD	T
21139	17797	1	$\sqrt{\frac{(Exp(v))^2 - w^2 + w^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	CD	P
21140	17798	1	$\sqrt{-\frac{(Exp(v))^2 - w^2 + w^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	CD	H
21141	17799	1	$\frac{\sin(u)}{Exp(v) w}$	S	L	CDI	CD
21142	17799	2	$\frac{\sin(u)}{Exp(v) w}$	S	L	CDIF	CDF
21143	17800	1	$\frac{Exp(v) w}{\sin(u)}$	S	L	CDI	CDI
21144	17800	2	$\frac{Exp(v) w}{\sin(u)}$	S	L	CDIF	CDIF
21145	17801	1	$\frac{\sin(u) \pi}{Exp(v) w}$	S	L	CDI	CDF
21146	17802	1	$\frac{Exp(v) w}{\sin(u) \pi}$	S	L	CDI	CDIF
21147	17803	1	$\frac{(\sin(u))^2}{(Exp(v))^2 w^2}$	S	L	CDI	AB

21148	17804	1	$\sqrt{\frac{\sin(u)}{\text{Exp}(v) w}}$	S	L	CDI	R
21149	17805	1	$\frac{(\sin(u))^3}{(\text{Exp}(v))^3 w^3}$	S	L	CDI	K
21150	17806	1	$e^{\frac{\sin(u)}{\text{Exp}(v) w}}$	S	L	CDI	E
21151	17807	1	$\log\left(\frac{\sin(u)}{\text{Exp}(v) w}\right)$	S	L	CDI	L
21152	17808	1	$\arcsin\left(\frac{\sin(u)}{\text{Exp}(v) w}\right)$	S	L	CDI	S
21153	17809	1	$\arctan\left(\frac{\sin(u)}{\text{Exp}(v) w}\right)$	S	L	CDI	T
21154	17810	1	$\sqrt{\frac{(\text{Exp}(v))^2 w^2 - 1 + (\cos(u))^2}{(\text{Exp}(v))^2 w^2}}$	S	L	CDI	P
21155	17811	1	$\sqrt{\frac{(\text{Exp}(v))^2 w^2 + 1 - (\cos(u))^2}{(\text{Exp}(v))^2 w^2}}$	S	L	CDI	H
21156	17812	1	$\frac{\sin(u) w}{\text{Exp}(v) \pi}$	S	L	CDF	CD
21157	17813	1	$\frac{\text{Exp}(v) \pi}{\sin(u) w}$	S	L	CDF	CDI
21158	17814	1	$\frac{(\sin(u))^2 w^2}{(\text{Exp}(v))^2 \pi^2}$	S	L	CDF	AB
21159	17815	1	$\sqrt{\frac{\sin(u) w}{\text{Exp}(v) \pi}}$	S	L	CDF	R
21160	17816	1	$\frac{(\sin(u))^3 w^3}{(\text{Exp}(v))^3 \pi^3}$	S	L	CDF	K
21161	17817	1	$e^{\frac{\sin(u) w}{\text{Exp}(v) \pi}}$	S	L	CDF	E

21162	17818	1	$\log \left(\frac{\sin(u) w}{\text{Exp}(v) \pi} \right)$	S	L	CDF	L
21163	17819	1	$\arcsin \left(\frac{\sin(u) w}{\text{Exp}(v) \pi} \right)$	S	L	CDF	S
21164	17820	1	$\arctan \left(\frac{\sin(u) w}{\text{Exp}(v) \pi} \right)$	S	L	CDF	T
21165	17821	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 - w^2 + w^2 (\cos(u))^2}{(\text{Exp}(v))^2 \pi^2}}$	S	L	CDF	P
21166	17822	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 + w^2 - w^2 (\cos(u))^2}{(\text{Exp}(v))^2 \pi^2}}$	S	L	CDF	H
21167	17823	1	$\frac{\sin(u)}{\text{Exp}(v) w \pi}$	S	L	CDIF	CD
21168	17824	1	$\frac{\text{Exp}(v) w \pi}{\sin(u)}$	S	L	CDIF	CDI
21169	17825	1	$\frac{(\sin(u))^2}{(\text{Exp}(v))^2 w^2 \pi^2}$	S	L	CDIF	AB
21170	17826	1	$\sqrt{\frac{\sin(u)}{\text{Exp}(v) w \pi}}$	S	L	CDIF	R
21171	17827	1	$\frac{(\sin(u))^3}{(\text{Exp}(v))^3 w^3 \pi^3}$	S	L	CDIF	K
21172	17828	1	$e^{\frac{\sin(u)}{\text{Exp}(v) w \pi}}$	S	L	CDIF	E
21173	17829	1	$\log \left(\frac{\sin(u)}{\text{Exp}(v) w \pi} \right)$	S	L	CDIF	L
21174	17830	1	$\arcsin \left(\frac{\sin(u)}{\text{Exp}(v) w \pi} \right)$	S	L	CDIF	S
21175	17831	1	$\arctan \left(\frac{\sin(u)}{\text{Exp}(v) w \pi} \right)$	S	L	CDIF	T

21176	17832	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - 1 + (\cos(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	S	L	CDIF	P
21177	17833	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + 1 - (\cos(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	S	L	CDIF	H
21178	17834	1	$\frac{\sin(u) \sqrt{w}}{Exp(v)}$	S	L	AB	CD
21179	17835	1	$\frac{Exp(v)}{\sin(u) \sqrt{w}}$	S	L	AB	CDI
21180	17836	1	$\frac{\sin(u) \sqrt{w} \pi}{Exp(v)}$	S	L	AB	CDF
21181	17837	1	$\frac{Exp(v)}{\sin(u) \sqrt{w} \pi}$	S	L	AB	CDIF
21182	17838	1	$\frac{(\sin(u))^2 w}{(Exp(v))^2}$	S	L	AB	AB
21183	17839	1	$\sqrt{\frac{\sin(u) \sqrt{w}}{Exp(v)}}$	S	L	AB	R
21184	17840	1	$\frac{(\sin(u))^3 w^{3/2}}{(Exp(v))^3}$	S	L	AB	K
21185	17841	1	$e^{\frac{\sin(u) \sqrt{w}}{Exp(v)}}$	S	L	AB	E
21186	17842	1	$\log\left(\frac{\sin(u) \sqrt{w}}{Exp(v)}\right)$	S	L	AB	L
21187	17843	1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{Exp(v)}\right)$	S	L	AB	S
21188	17844	1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{Exp(v)}\right)$	S	L	AB	T
21189	17845	1	$\sqrt{\frac{(Exp(v))^2 - w + w (\cos(u))^2}{(Exp(v))^2}}$	S	L	AB	P

21190	17846	1	$\sqrt{-\frac{(Exp(v))^2 - w + w(\cos(u))^2}{(Exp(v))^2}}$	S	L	AB	H
21191	17847	1	$\frac{\sin(u) w^2}{Exp(v)}$	S	L	R	CD
21192	17848	1	$\frac{Exp(v)}{\sin(u) w^2}$	S	L	R	CDI
21193	17849	1	$\frac{\sin(u) w^2 \pi}{Exp(v)}$	S	L	R	CDF
21194	17850	1	$\frac{Exp(v)}{\sin(u) w^2 \pi}$	S	L	R	CDIF
21195	17851	1	$\frac{(\sin(u))^2 w^4}{(Exp(v))^2}$	S	L	R	AB
21196	17852	1	$\sqrt{\frac{\sin(u) w^2}{Exp(v)}}$	S	L	R	R
21197	17853	1	$\frac{(\sin(u))^3 w^6}{(Exp(v))^3}$	S	L	R	K
21198	17854	1	$e^{\frac{\sin(u) w^2}{Exp(v)}}$	S	L	R	E
21199	17855	1	$\log\left(\frac{\sin(u) w^2}{Exp(v)}\right)$	S	L	R	L
21200	17856	1	$\arcsin\left(\frac{\sin(u) w^2}{Exp(v)}\right)$	S	L	R	S
21201	17857	1	$\arctan\left(\frac{\sin(u) w^2}{Exp(v)}\right)$	S	L	R	T
21202	17858	1	$\sqrt{\frac{(Exp(v))^2 - w^4 + w^4(\cos(u))^2}{(Exp(v))^2}}$	S	L	R	P
21203	17859	1	$\sqrt{-\frac{(Exp(v))^2 - w^4 + w^4(\cos(u))^2}{(Exp(v))^2}}$	S	L	R	H

21204	17860	1	$\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}$	S	L	K	CD
21205	17861	1	$\frac{\text{Exp}(v)}{\sin(u) \sqrt[3]{w}}$	S	L	K	CDI
21206	17862	1	$\frac{\sin(u) \sqrt[3]{w}\pi}{\text{Exp}(v)}$	S	L	K	CDF
21207	17863	1	$\frac{\text{Exp}(v)}{\sin(u) \sqrt[3]{w}\pi}$	S	L	K	CDIF
21208	17864	1	$\frac{(\sin(u))^2 w^{2/3}}{(\text{Exp}(v))^2}$	S	L	K	AB
21209	17865	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}}$	S	L	K	R
21210	17866	1	$\frac{(\sin(u))^3 w}{(\text{Exp}(v))^3}$	S	L	K	K
21211	17867	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}}$	S	L	K	E
21212	17868	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	S	L	K	L
21213	17869	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	S	L	K	S
21214	17870	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	S	L	K	T
21215	17871	1	$\sqrt{\frac{(\text{Exp}(v))^2 - w^{2/3} + w^{2/3} (\cos(u))^2}{(\text{Exp}(v))^2}}$	S	L	K	P
21216	17872	1	$\sqrt{-\frac{(\text{Exp}(v))^2 - w^{2/3} + w^{2/3} (\cos(u))^2}{(\text{Exp}(v))^2}}$	S	L	K	H
21217	17873	1	$\frac{\sin(u) \ln(w)}{\text{Exp}(v)}$	S	L	E	CD
21218	17874	1	$\frac{\text{Exp}(v)}{\sin(u) \ln(w)}$	S	L	E	CDI

21219	17875	1	$\frac{\sin(u) \ln(w) \pi}{Exp(v)}$	S	L	E	CDF
21220	17876	1	$\frac{Exp(v)}{\sin(u) \ln(w) \pi}$	S	L	E	CDIF
21221	17877	1	$\frac{(\sin(u))^2 (\ln(w))^2}{(Exp(v))^2}$	S	L	E	AB
21222	17878	1	$\sqrt{\frac{\sin(u) \ln(w)}{Exp(v)}}$	S	L	E	R
21223	17879	1	$\frac{(\sin(u))^3 (\ln(w))^3}{(Exp(v))^3}$	S	L	E	K
21224	17880	1	$w^{\frac{\sin(u)}{Exp(v)}}$	S	L	E	E
21225	17881	1	$\log\left(\frac{\sin(u) \ln(w)}{Exp(v)}\right)$	S	L	E	L
21226	17882	1	$\arcsin\left(\frac{\sin(u) \ln(w)}{Exp(v)}\right)$	S	L	E	S
21227	17883	1	$\arctan\left(\frac{\sin(u) \ln(w)}{Exp(v)}\right)$	S	L	E	T
21228	17884	1	$\sqrt{\frac{(Exp(v))^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	E	P
21229	17885	1	$\sqrt{-\frac{(Exp(v))^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	E	H
21230	17886	1	$\frac{\sin(u) Exp(w)}{Exp(v)}$	S	L	L	CD
21231	17887	1	$\frac{Exp(v)}{\sin(u) Exp(w)}$	S	L	L	CDI
21232	17888	1	$\frac{\sin(u) Exp(w) \pi}{Exp(v)}$	S	L	L	CDF

21233	17889	1	$\frac{Exp(v)}{\sin(u) Exp(w) \pi}$	S	L	L	CDIF
21234	17890	1	$\frac{(\sin(u))^2 (Exp(w))^2}{(Exp(v))^2}$	S	L	L	AB
21235	17891	1	$\sqrt{\frac{\sin(u) Exp(w)}{Exp(v)}}$	S	L	L	R
21236	17892	1	$\frac{(\sin(u))^3 (Exp(w))^3}{(Exp(v))^3}$	S	L	L	K
21237	17893	1	$e^{\frac{\sin(u) Exp(w)}{Exp(v)}}$	S	L	L	E
21238	17894	1	$\log\left(\frac{\sin(u) Exp(w)}{Exp(v)}\right)$	S	L	L	L
21239	17895	1	$\arcsin\left(\frac{\sin(u) Exp(w)}{Exp(v)}\right)$	S	L	L	S
21240	17896	1	$\arctan\left(\frac{\sin(u) Exp(w)}{Exp(v)}\right)$	S	L	L	T
21241	17897	1	$\sqrt{\frac{(Exp(v))^2 - (Exp(w))^2 + (Exp(w))^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	L	P
21242	17898	1	$\sqrt{-\frac{(Exp(v))^2 - (Exp(w))^2 + (Exp(w))^2 (\cos(u))^2}{(Exp(v))^2}}$	S	L	L	H
21243	17899	1	$\frac{\sin(u) \sin(w)}{Exp(v)}$	S	L	S	CD
21244	17900	1	$\frac{Exp(v)}{\sin(u) \sin(w)}$	S	L	S	CDI
21245	17901	1	$\frac{\sin(u) \sin(w) \pi}{Exp(v)}$	S	L	S	CDF
21246	17902	1	$\frac{Exp(v)}{\sin(u) \sin(w) \pi}$	S	L	S	CDIF
21247	17903	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(Exp(v))^2}$	S	L	S	AB

21248	17904	1	$\sqrt{\frac{\sin(u) \sin(w)}{\text{Exp}(v)}}$	S	L	S	R
21249	17905	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\text{Exp}(v))^3}$	S	L	S	K
21250	17906	1	$e^{\frac{\sin(u) \sin(w)}{\text{Exp}(v)}}$	S	L	S	E
21251	17907	1	$\log\left(\frac{\sin(u) \sin(w)}{\text{Exp}(v)}\right)$	S	L	S	L
21252	17908	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\text{Exp}(v)}\right)$	S	L	S	S
21253	17909	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\text{Exp}(v)}\right)$	S	L	S	T
21254	17910	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\text{Exp}(v))^2}}$	S	L	S	P
21255	17911	1	$\sqrt{\frac{(\text{Exp}(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\text{Exp}(v))^2}}$	S	L	S	H
21256	17912	1	$\frac{\sin(u) \sin(w)}{\text{Exp}(v) \cos(w)}$	S	L	T	CD
21257	17913	1	$\frac{\text{Exp}(v) \cos(w)}{\sin(u) \sin(w)}$	S	L	T	CDI
21258	17914	1	$\frac{\sin(u) \sin(w) \pi}{\text{Exp}(v) \cos(w)}$	S	L	T	CDF
21259	17915	1	$\frac{\text{Exp}(v) \cos(w)}{\sin(u) \sin(w) \pi}$	S	L	T	CDIF
21260	17916	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\text{Exp}(v))^2 (\cos(w))^2}$	S	L	T	AB
21261	17917	1	$\sqrt{\frac{\sin(u) \sin(w)}{\text{Exp}(v) \cos(w)}}$	S	L	T	R

21262	17918	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(Exp(v))^3 (\cos(w))^3}$	S	L	T	K
21263	17919	1	$e^{\frac{\sin(u) \sin(w)}{Exp(v) \cos(w)}}$	S	L	T	E
21264	17920	1	$\log\left(\frac{\sin(u) \sin(w)}{Exp(v) \cos(w)}\right)$	S	L	T	L
21265	17921	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{Exp(v) \cos(w)}\right)$	S	L	T	S
21266	17922	1	$\arctan\left(\frac{\sin(u) \sin(w)}{Exp(v) \cos(w)}\right)$	S	L	T	T
21267	17923	1	$\sqrt{-\frac{(Exp(v))^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(Exp(v))^2 (\cos(w))^2}}$	S	L	T	P
21268	17924	1	$\sqrt{\frac{(Exp(v))^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(Exp(v))^2 (\cos(w))^2}}$	S	L	T	H
21269	17925	1	$\frac{\sin(u) \sqrt{1-w^2}}{Exp(v)}$	S	L	P	CD
21270	17926	1	$\frac{Exp(v)}{\sin(u) \sqrt{1-w^2}}$	S	L	P	CDI
21271	17927	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{Exp(v)}$	S	L	P	CDF
21272	17928	1	$\frac{Exp(v)}{\sin(u) \sqrt{1-w^2} \pi}$	S	L	P	CDIF
21273	17929	1	$-\frac{(\sin(u))^2 (-1+w^2)}{(Exp(v))^2}$	S	L	P	AB
21274	17930	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{Exp(v)}}$	S	L	P	R
21275	17931	1	$\frac{(\sin(u))^3 (1-w^2)^{3/2}}{(Exp(v))^3}$	S	L	P	K

21276	17932	1	$e^{\frac{\sin(u)\sqrt{1-w^2}}{\text{Exp}(v)}}$	S	L	P	E
21277	17933	1	$\log\left(\frac{\sin(u)\sqrt{1-w^2}}{\text{Exp}(v)}\right)$	S	L	P	L
21278	17934	1	$\arcsin\left(\frac{\sin(u)\sqrt{1-w^2}}{\text{Exp}(v)}\right)$	S	L	P	S
21279	17935	1	$\arctan\left(\frac{\sin(u)\sqrt{1-w^2}}{\text{Exp}(v)}\right)$	S	L	P	T
21280	17936	1	$\sqrt{-\frac{(\text{Exp}(v))^2 + 1 - (\cos(u))^2}{(\text{Exp}(v))^2} w^2 + w^2 (\cos(u))^2}$	S	L	P	P
21281	17936	2	$\sqrt{-\frac{(\text{Exp}(v))^2 + 1 - (\cos(u))^2}{(\text{Exp}(v))^2} w^2 + w^2 (\cos(u))^2}$	S	L	H	H
21282	17937	1	$\sqrt{\frac{(\text{Exp}(v))^2 + 1 - (\cos(u))^2 - w^2}{(\text{Exp}(v))^2} + w^2 (\cos(u))^2}$	S	L	P	H
21283	17937	2	$\sqrt{\frac{(\text{Exp}(v))^2 + 1 - (\cos(u))^2 - w^2}{(\text{Exp}(v))^2} + w^2 (\cos(u))^2}$	S	L	H	P
21284	17938	1	$\frac{\sin(u)\sqrt{-1+w^2}}{\text{Exp}(v)}$	S	L	H	CD
21285	17939	1	$\frac{\text{Exp}(v)}{\sin(u)\sqrt{-1+w^2}}$	S	L	H	CDI
21286	17940	1	$\frac{\sin(u)\sqrt{-1+w^2}\pi}{\text{Exp}(v)}$	S	L	H	CDF
21287	17941	1	$\frac{\text{Exp}(v)}{\sin(u)\sqrt{-1+w^2}\pi}$	S	L	H	CDIF
21288	17942	1	$\frac{(\sin(u))^2(-1+w^2)}{(\text{Exp}(v))^2}$	S	L	H	AB
21289	17943	1	$\sqrt{\frac{\sin(u)\sqrt{-1+w^2}}{\text{Exp}(v)}}$	S	L	H	R

21290	17944	1	$\frac{(\sin(u))^3 (-1+w^2)^{3/2}}{(Exp(v))^3}$	S	L	H	K
21291	17945	1	$e^{\frac{\sin(u)\sqrt{-1+w^2}}{Exp(v)}}$	S	L	H	E
21292	17946	1	$\log\left(\frac{\sin(u)\sqrt{-1+w^2}}{Exp(v)}\right)$	S	L	H	L
21293	17947	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{Exp(v)}\right)$	S	L	H	S
21294	17948	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{Exp(v)}\right)$	S	L	H	T
21295	17949	1	$\frac{\sin(u) w}{\sin(v)}$	S	S	CD	CD
21296	17949	2	$\frac{\sin(u) w}{\sin(v)}$	S	S	CDF	CDF
21297	17950	1	$\frac{\sin(v)}{\sin(u) w}$	S	S	CD	CDI
21298	17950	2	$\frac{\sin(v)}{\sin(u) w}$	S	S	CDF	CDIF
21299	17951	1	$\frac{\sin(u) w \pi}{\sin(v)}$	S	S	CD	CDF
21300	17952	1	$\frac{\sin(v)}{\sin(u) w \pi}$	S	S	CD	CDIF
21301	17953	1	$\frac{(\sin(u))^2 w^2}{(\sin(v))^2}$	S	S	CD	AB
21302	17954	1	$\sqrt{\frac{\sin(u) w}{\sin(v)}}$	S	S	CD	R
21303	17955	1	$\frac{(\sin(u))^3 w^3}{(\sin(v))^3}$	S	S	CD	K
21304	17956	1	$e^{\frac{\sin(u) w}{\sin(v)}}$	S	S	CD	E

21305	17957	1	$\log \left(\frac{\sin(u) w}{\sin(v)} \right)$	S	S	CD	L
21306	17958	1	$\arcsin \left(\frac{\sin(u) w}{\sin(v)} \right)$	S	S	CD	S
21307	17959	1	$\arctan \left(\frac{\sin(u) w}{\sin(v)} \right)$	S	S	CD	T
21308	17960	1	$\sqrt{\frac{1 - (\cos(v))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	CD	P
21309	17961	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	CD	H
21310	17962	1	$\frac{\sin(u)}{\sin(v) w}$	S	S	CDI	CD
21311	17962	2	$\frac{\sin(u)}{\sin(v) w}$	S	S	CDIF	CDF
21312	17963	1	$\frac{\sin(v) w}{\sin(u)}$	S	S	CDI	CDI
21313	17963	2	$\frac{\sin(v) w}{\sin(u)}$	S	S	CDIF	CDIF
21314	17964	1	$\frac{\sin(u) \pi}{\sin(v) w}$	S	S	CDI	CDF
21315	17965	1	$\frac{\sin(v) w}{\sin(u) \pi}$	S	S	CDI	CDIF
21316	17966	1	$\frac{(\sin(u))^2}{(\sin(v))^2 w^2}$	S	S	CDI	AB
21317	17967	1	$\sqrt{\frac{\sin(u)}{\sin(v) w}}$	S	S	CDI	R
21318	17968	1	$\frac{(\sin(u))^3}{(\sin(v))^3 w^3}$	S	S	CDI	K
21319	17969	1	$e^{\frac{\sin(u)}{\sin(v) w}}$	S	S	CDI	E

21320	17970	1	$\log \left(\frac{\sin(u)}{\sin(v) w} \right)$	S	S	CDI	L
21321	17971	1	$\arcsin \left(\frac{\sin(u)}{\sin(v) w} \right)$	S	S	CDI	S
21322	17972	1	$\arctan \left(\frac{\sin(u)}{\sin(v) w} \right)$	S	S	CDI	T
21323	17973	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 + 1 - (\cos(u))^2}{(\sin(v))^2 w^2}}$	S	S	CDI	P
21324	17974	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 - 1 + (\cos(u))^2}{(\sin(v))^2 w^2}}$	S	S	CDI	H
21325	17975	1	$\frac{\sin(u) w}{\sin(v) \pi}$	S	S	CDF	CD
21326	17976	1	$\frac{\sin(v) \pi}{\sin(u) w}$	S	S	CDF	CDI
21327	17977	1	$\frac{(\sin(u))^2 w^2}{(\sin(v))^2 \pi^2}$	S	S	CDF	AB
21328	17978	1	$\sqrt{\frac{\sin(u) w}{\sin(v) \pi}}$	S	S	CDF	R
21329	17979	1	$\frac{(\sin(u))^3 w^3}{(\sin(v))^3 \pi^3}$	S	S	CDF	K
21330	17980	1	$e^{\frac{\sin(u) w}{\sin(v) \pi}}$	S	S	CDF	E
21331	17981	1	$\log \left(\frac{\sin(u) w}{\sin(v) \pi} \right)$	S	S	CDF	L
21332	17982	1	$\arcsin \left(\frac{\sin(u) w}{\sin(v) \pi} \right)$	S	S	CDF	S
21333	17983	1	$\arctan \left(\frac{\sin(u) w}{\sin(v) \pi} \right)$	S	S	CDF	T

21334	17984	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 + w^2 - w^2 (\cos(u))^2}{(\sin(v))^2 \pi^2}}$	S	S	CDF	P
21335	17985	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2 \pi^2}}$	S	S	CDF	H
21336	17986	1	$\frac{\sin(u)}{\sin(v) w \pi}$	S	S	CDIF	CD
21337	17987	1	$\frac{\sin(v) w \pi}{\sin(u)}$	S	S	CDIF	CDI
21338	17988	1	$\frac{(\sin(u))^2}{(\sin(v))^2 w^2 \pi^2}$	S	S	CDIF	AB
21339	17989	1	$\sqrt{\frac{\sin(u)}{\sin(v) w \pi}}$	S	S	CDIF	R
21340	17990	1	$\frac{(\sin(u))^3}{(\sin(v))^3 w^3 \pi^3}$	S	S	CDIF	K
21341	17991	1	$e^{\frac{\sin(u)}{\sin(v) w \pi}}$	S	S	CDIF	E
21342	17992	1	$\log\left(\frac{\sin(u)}{\sin(v) w \pi}\right)$	S	S	CDIF	L
21343	17993	1	$\arcsin\left(\frac{\sin(u)}{\sin(v) w \pi}\right)$	S	S	CDIF	S
21344	17994	1	$\arctan\left(\frac{\sin(u)}{\sin(v) w \pi}\right)$	S	S	CDIF	T
21345	17995	1	$\sqrt{-\frac{-w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2 + 1 - (\cos(u))^2}{(\sin(v))^2 w^2 \pi^2}}$	S	S	CDIF	P
21346	17996	1	$\sqrt{-\frac{-w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2 - 1 + (\cos(u))^2}{(\sin(v))^2 w^2 \pi^2}}$	S	S	CDIF	H
21347	17997	1	$\frac{\sin(u) \sqrt{w}}{\sin(v)}$	S	S	AB	CD

21348	17998	1	$\frac{\sin(v)}{\sin(u)\sqrt{w}}$	S	S	AB	CDI
21349	17999	1	$\frac{\sin(u)\sqrt{w}\pi}{\sin(v)}$	S	S	AB	CDF
21350	18000	1	$\frac{\sin(v)}{\sin(u)\sqrt{w}\pi}$	S	S	AB	CDIF
21351	18001	1	$\frac{(\sin(u))^2 w}{(\sin(v))^2}$	S	S	AB	AB
21352	18002	1	$\sqrt{\frac{\sin(u)\sqrt{w}}{\sin(v)}}$	S	S	AB	R
21353	18003	1	$\frac{(\sin(u))^3 w^{3/2}}{(\sin(v))^3}$	S	S	AB	K
21354	18004	1	$e^{\frac{\sin(u)\sqrt{w}}{\sin(v)}}$	S	S	AB	E
21355	18005	1	$\log\left(\frac{\sin(u)\sqrt{w}}{\sin(v)}\right)$	S	S	AB	L
21356	18006	1	$\arcsin\left(\frac{\sin(u)\sqrt{w}}{\sin(v)}\right)$	S	S	AB	S
21357	18007	1	$\arctan\left(\frac{\sin(u)\sqrt{w}}{\sin(v)}\right)$	S	S	AB	T
21358	18008	1	$\sqrt{\frac{1 - (\cos(v))^2 - w + w(\cos(u))^2}{(\sin(v))^2}}$	S	S	AB	P
21359	18009	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - w + w(\cos(u))^2}{(\sin(v))^2}}$	S	S	AB	H
21360	18010	1	$\frac{\sin(u)w^2}{\sin(v)}$	S	S	R	CD
21361	18011	1	$\frac{\sin(v)}{\sin(u)w^2}$	S	S	R	CDI
21362	18012	1	$\frac{\sin(u)w^2\pi}{\sin(v)}$	S	S	R	CDF

21363	18013	1	$\frac{\sin(v)}{\sin(u) w^2 \pi}$	S	S	R	CDIF
21364	18014	1	$\frac{(\sin(u))^2 w^4}{(\sin(v))^2}$	S	S	R	AB
21365	18015	1	$\sqrt{\frac{\sin(u) w^2}{\sin(v)}}$	S	S	R	R
21366	18016	1	$\frac{(\sin(u))^3 w^6}{(\sin(v))^3}$	S	S	R	K
21367	18017	1	$e^{\frac{\sin(u) w^2}{\sin(v)}}$	S	S	R	E
21368	18018	1	$\log\left(\frac{\sin(u) w^2}{\sin(v)}\right)$	S	S	R	L
21369	18019	1	$\arcsin\left(\frac{\sin(u) w^2}{\sin(v)}\right)$	S	S	R	S
21370	18020	1	$\arctan\left(\frac{\sin(u) w^2}{\sin(v)}\right)$	S	S	R	T
21371	18021	1	$\sqrt{\frac{1 - (\cos(v))^2 - w^4 + w^4 (\cos(u))^2}{(\sin(v))^2}}$	S	S	R	P
21372	18022	1	$\sqrt{-\frac{1 + (\cos(v))^2 - w^4 + w^4 (\cos(u))^2}{(\sin(v))^2}}$	S	S	R	H
21373	18023	1	$\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}$	S	S	K	CD
21374	18024	1	$\frac{\sin(v)}{\sin(u) \sqrt[3]{w}}$	S	S	K	CDI
21375	18025	1	$\frac{\sin(u) \sqrt[3]{w} \pi}{\sin(v)}$	S	S	K	CDF
21376	18026	1	$\frac{\sin(v)}{\sin(u) \sqrt[3]{w} \pi}$	S	S	K	CDIF

21377	18027	1	$\frac{(\sin(u))^2 w^{2/3}}{(\sin(v))^2}$	S	S	K	AB
21378	18028	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}}$	S	S	K	R
21379	18029	1	$\frac{(\sin(u))^3 w}{(\sin(v))^3}$	S	S	K	K
21380	18030	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}}$	S	S	K	E
21381	18031	1	$\log\left(\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}\right)$	S	S	K	L
21382	18032	1	$\arcsin\left(\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}\right)$	S	S	K	S
21383	18033	1	$\arctan\left(\frac{\sin(u) \sqrt[3]{w}}{\sin(v)}\right)$	S	S	K	T
21384	18034	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + w^{2/3} - w^{2/3}(\cos(u))^2}{(\sin(v))^2}}$	S	S	K	P
21385	18035	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - w^{2/3} + w^{2/3}(\cos(u))^2}{(\sin(v))^2}}$	S	S	K	H
21386	18036	1	$\frac{\sin(u) \ln(w)}{\sin(v)}$	S	S	E	CD
21387	18037	1	$\frac{\sin(v)}{\sin(u) \ln(w)}$	S	S	E	CDI
21388	18038	1	$\frac{\sin(u) \ln(w) \pi}{\sin(v)}$	S	S	E	CDF
21389	18039	1	$\frac{\sin(v)}{\sin(u) \ln(w) \pi}$	S	S	E	CDIF
21390	18040	1	$\frac{(\sin(u))^2 (\ln(w))^2}{(\sin(v))^2}$	S	S	E	AB

21391	18041	1	$\sqrt{\frac{\sin(u) \ln(w)}{\sin(v)}}$	S	S	E	R
21392	18042	1	$\frac{(\sin(u))^3 (\ln(w))^3}{(\sin(v))^3}$	S	S	E	K
21393	18043	1	$w^{\frac{\sin(u)}{\sin(v)}}$	S	S	E	E
21394	18044	1	$\log\left(\frac{\sin(u) \ln(w)}{\sin(v)}\right)$	S	S	E	L
21395	18045	1	$\arcsin\left(\frac{\sin(u) \ln(w)}{\sin(v)}\right)$	S	S	E	S
21396	18046	1	$\arctan\left(\frac{\sin(u) \ln(w)}{\sin(v)}\right)$	S	S	E	T
21397	18047	1	$\sqrt{-\frac{-1 + (\cos(v))^2 + (\ln(w))^2 - (\ln(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	E	P
21398	18048	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\ln(w))^2 + (\ln(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	E	H
21399	18049	1	$\frac{\sin(u) \text{Exp}(w)}{\sin(v)}$	S	S	L	CD
21400	18050	1	$\frac{\sin(v)}{\sin(u) \text{Exp}(w)}$	S	S	L	CDI
21401	18051	1	$\frac{\sin(u) \text{Exp}(w) \pi}{\sin(v)}$	S	S	L	CDF
21402	18052	1	$\frac{\sin(v)}{\sin(u) \text{Exp}(w) \pi}$	S	S	L	CDIF
21403	18053	1	$\frac{(\sin(u))^2 (\text{Exp}(w))^2}{(\sin(v))^2}$	S	S	L	AB
21404	18054	1	$\sqrt{\frac{\sin(u) \text{Exp}(w)}{\sin(v)}}$	S	S	L	R

21405	18055	1	$\frac{(\sin(u))^3 (\text{Exp}(w))^3}{(\sin(v))^3}$	S	S	L	K
21406	18056	1	$e^{\frac{\sin(u)\text{Exp}(w)}{\sin(v)}}$	S	S	L	E
21407	18057	1	$\log\left(\frac{\sin(u)\text{Exp}(w)}{\sin(v)}\right)$	S	S	L	L
21408	18058	1	$\arcsin\left(\frac{\sin(u)\text{Exp}(w)}{\sin(v)}\right)$	S	S	L	S
21409	18059	1	$\arctan\left(\frac{\sin(u)\text{Exp}(w)}{\sin(v)}\right)$	S	S	L	T
21410	18060	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\text{Exp}(w))^2 + (\text{Exp}(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	L	P
21411	18061	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\text{Exp}(w))^2 + (\text{Exp}(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	L	H
21412	18062	1	$\frac{\sin(u)\sin(w)}{\sin(v)}$	S	S	S	CD
21413	18063	1	$\frac{\sin(v)}{\sin(u)\sin(w)}$	S	S	S	CDI
21414	18064	1	$\frac{\sin(u)\sin(w)\pi}{\sin(v)}$	S	S	S	CDF
21415	18065	1	$\frac{\sin(v)}{\sin(u)\sin(w)\pi}$	S	S	S	CDIF
21416	18066	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\sin(v))^2}$	S	S	S	AB
21417	18067	1	$\sqrt{\frac{\sin(u)\sin(w)}{\sin(v)}}$	S	S	S	R
21418	18068	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\sin(v))^3}$	S	S	S	K
21419	18069	1	$e^{\frac{\sin(u)\sin(w)}{\sin(v)}}$	S	S	S	E

21420	18070	1	$\log \left(\frac{\sin (u) \sin (w)}{\sin (v)} \right)$	S	S	S	L
21421	18071	1	$\arcsin \left(\frac{\sin (u) \sin (w)}{\sin (v)} \right)$	S	S	S	S
21422	18072	1	$\arctan \left(\frac{\sin (u) \sin (w)}{\sin (v)} \right)$	S	S	S	T
21423	18073	1	$\sqrt{-\frac{(\cos (v))^2-(\cos (w))^2-(\cos (u))^2+(\cos (u))^2(\cos (w))^2}{(\sin (v))^2}}$	S	S	S	P
21424	18074	1	$\sqrt{-\frac{-2+(\cos (v))^2+(\cos (w))^2+(\cos (u))^2-(\cos (u))^2(\cos (w))^2}{(\sin (v))^2}}$	S	S	S	H
21425	18075	1	$\frac{\sin (u) \sin (w)}{\sin (v) \cos (w)}$	S	S	T	CD
21426	18076	1	$\frac{\sin (v) \cos (w)}{\sin (u) \sin (w)}$	S	S	T	CDI
21427	18077	1	$\frac{\sin (u) \sin (w) \pi}{\sin (v) \cos (w)}$	S	S	T	CDF
21428	18078	1	$\frac{\sin (v) \cos (w)}{\sin (u) \sin (w) \pi}$	S	S	T	CDIF
21429	18079	1	$\frac{(\sin (u))^2(\sin (w))^2}{(\sin (v))^2(\cos (w))^2}$	S	S	T	AB
21430	18080	1	$\sqrt{\frac{\sin (u) \sin (w)}{\sin (v) \cos (w)}}$	S	S	T	R
21431	18081	1	$\frac{(\sin (u))^3(\sin (w))^3}{(\sin (v))^3(\cos (w))^3}$	S	S	T	K
21432	18082	1	$e^{\frac{\sin (u) \sin (w)}{\sin (v) \cos (w)}}$	S	S	T	E
21433	18083	1	$\log \left(\frac{\sin (u) \sin (w)}{\sin (v) \cos (w)} \right)$	S	S	T	L

21434	18084	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\sin(v)\cos(w)}\right)$	S	S	T	S
21435	18085	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\sin(v)\cos(w)}\right)$	S	S	T	T
21436	18086	1	$\sqrt{-\frac{-2(\cos(w))^2+(\cos(w))^2(\cos(v))^2+1-(\cos(u))^2+(\cos(u))^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	S	S	T	P
21437	18087	1	$\sqrt{-\frac{(\cos(w))^2(\cos(v))^2-1+(\cos(u))^2-(\cos(u))^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	S	S	T	H
21438	18088	1	$\frac{\sin(u)\sqrt{1-w^2}}{\sin(v)}$	S	S	P	CD
21439	18089	1	$\frac{\sin(v)}{\sin(u)\sqrt{1-w^2}}$	S	S	P	CDI
21440	18090	1	$\frac{\sin(u)\sqrt{1-w^2}\pi}{\sin(v)}$	S	S	P	CDF
21441	18091	1	$\frac{\sin(v)}{\sin(u)\sqrt{1-w^2}\pi}$	S	S	P	CDIF
21442	18092	1	$-\frac{(\sin(u))^2(-1+w^2)}{(\sin(v))^2}$	S	S	P	AB
21443	18093	1	$\sqrt{\frac{\sin(u)\sqrt{1-w^2}}{\sin(v)}}$	S	S	P	R
21444	18094	1	$\frac{(\sin(u))^3(1-w^2)^{3/2}}{(\sin(v))^3}$	S	S	P	K
21445	18095	1	$e^{\frac{\sin(u)\sqrt{1-w^2}}{\sin(v)}}$	S	S	P	E
21446	18096	1	$\log\left(\frac{\sin(u)\sqrt{1-w^2}}{\sin(v)}\right)$	S	S	P	L
21447	18097	1	$\arcsin\left(\frac{\sin(u)\sqrt{1-w^2}}{\sin(v)}\right)$	S	S	P	S

21448	18098	1	$\arctan \left(\frac{\sin(u) \sqrt{1-w^2}}{\sin(v)} \right)$	S	S	P	T
21449	18099	1	$\sqrt{-\frac{(\cos(v))^2 - (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	P	P
21450	18099	2	$\sqrt{-\frac{(\cos(v))^2 - (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	H	H
21451	18100	1	$\sqrt{\frac{2 - (\cos(v))^2 - (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	P	H
21452	18100	2	$\sqrt{\frac{2 - (\cos(v))^2 - (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	S	H	P
21453	18101	1	$\frac{\sin(u) \sqrt{-1+w^2}}{\sin(v)}$	S	S	H	CD
21454	18102	1	$\frac{\sin(v)}{\sin(u) \sqrt{-1+w^2}}$	S	S	H	CDI
21455	18103	1	$\frac{\sin(u) \sqrt{-1+w^2} \pi}{\sin(v)}$	S	S	H	CDF
21456	18104	1	$\frac{\sin(v)}{\sin(u) \sqrt{-1+w^2} \pi}$	S	S	H	CDIF
21457	18105	1	$\frac{(\sin(u))^2 (-1+w^2)}{(\sin(v))^2}$	S	S	H	AB
21458	18106	1	$\sqrt{\frac{\sin(u) \sqrt{-1+w^2}}{\sin(v)}}$	S	S	H	R
21459	18107	1	$\frac{(\sin(u))^3 (-1+w^2)^{3/2}}{(\sin(v))^3}$	S	S	H	K
21460	18108	1	$e^{\frac{\sin(u) \sqrt{-1+w^2}}{\sin(v)}}$	S	S	H	E
21461	18109	1	$\log \left(\frac{\sin(u) \sqrt{-1+w^2}}{\sin(v)} \right)$	S	S	H	L

21462	18110	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sin(v)}\right)$	S	S	H	S
21463	18111	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sin(v)}\right)$	S	S	H	T
21464	18112	1	$\frac{\sin(u)\cos(v)w}{\sin(v)}$	S	T	CD	CD
21465	18112	2	$\frac{\sin(u)\cos(v)w}{\sin(v)}$	S	T	CDF	CDF
21466	18113	1	$\frac{\sin(v)}{\sin(u)\cos(v)w}$	S	T	CD	CDI
21467	18113	2	$\frac{\sin(v)}{\sin(u)\cos(v)w}$	S	T	CDF	CDIF
21468	18114	1	$\frac{\sin(u)\cos(v)w\pi}{\sin(v)}$	S	T	CD	CDF
21469	18115	1	$\frac{\sin(v)}{\sin(u)\cos(v)w\pi}$	S	T	CD	CDIF
21470	18116	1	$\frac{(\sin(u))^2(\cos(v))^2w^2}{(\sin(v))^2}$	S	T	CD	AB
21471	18117	1	$\sqrt{\frac{\sin(u)\cos(v)w}{\sin(v)}}$	S	T	CD	R
21472	18118	1	$\frac{(\sin(u))^3(\cos(v))^3w^3}{(\sin(v))^3}$	S	T	CD	K
21473	18119	1	$e^{\frac{\sin(u)\cos(v)w}{\sin(v)}}$	S	T	CD	E
21474	18120	1	$\log\left(\frac{\sin(u)\cos(v)w}{\sin(v)}\right)$	S	T	CD	L
21475	18121	1	$\arcsin\left(\frac{\sin(u)\cos(v)w}{\sin(v)}\right)$	S	T	CD	S
21476	18122	1	$\arctan\left(\frac{\sin(u)\cos(v)w}{\sin(v)}\right)$	S	T	CD	T

21477	18123	1	$\sqrt{\frac{1 - (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	CD	P
21478	18124	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	CD	H
21479	18125	1	$\frac{\sin(u) \cos(v)}{\sin(v) w}$	S	T	CDI	CD
21480	18125	2	$\frac{\sin(u) \cos(v)}{\sin(v) w}$	S	T	CDIF	CDF
21481	18126	1	$\frac{\sin(v) w}{\sin(u) \cos(v)}$	S	T	CDI	CDI
21482	18126	2	$\frac{\sin(v) w}{\sin(u) \cos(v)}$	S	T	CDIF	CDIF
21483	18127	1	$\frac{\sin(u) \cos(v) \pi}{\sin(v) w}$	S	T	CDI	CDF
21484	18128	1	$\frac{\sin(v) w}{\sin(u) \cos(v) \pi}$	S	T	CDI	CDIF
21485	18129	1	$\frac{(\sin(u))^2 (\cos(v))^2}{(\sin(v))^2 w^2}$	S	T	CDI	AB
21486	18130	1	$\sqrt{\frac{\sin(u) \cos(v)}{\sin(v) w}}$	S	T	CDI	R
21487	18131	1	$\frac{(\sin(u))^3 (\cos(v))^3}{(\sin(v))^3 w^3}$	S	T	CDI	K
21488	18132	1	$e^{\frac{\sin(u) \cos(v)}{\sin(v) w}}$	S	T	CDI	E
21489	18133	1	$\log\left(\frac{\sin(u) \cos(v)}{\sin(v) w}\right)$	S	T	CDI	L
21490	18134	1	$\arcsin\left(\frac{\sin(u) \cos(v)}{\sin(v) w}\right)$	S	T	CDI	S
21491	18135	1	$\arctan\left(\frac{\sin(u) \cos(v)}{\sin(v) w}\right)$	S	T	CDI	T

21492	18136	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2}{(\sin(v))^2 w^2}}$	S	T	CDI	P
21493	18137	1	$\sqrt{-\frac{-w^2 + w^2 (\cos(v))^2 - (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2}{(\sin(v))^2 w^2}}$	S	T	CDI	H
21494	18138	1	$\frac{\sin(u) \cos(v) w}{\sin(v) \pi}$	S	T	CDF	CD
21495	18139	1	$\frac{\sin(v) \pi}{\sin(u) \cos(v) w}$	S	T	CDF	CDI
21496	18140	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^2}{(\sin(v))^2 \pi^2}$	S	T	CDF	AB
21497	18141	1	$\sqrt{\frac{\sin(u) \cos(v) w}{\sin(v) \pi}}$	S	T	CDF	R
21498	18142	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^3}{(\sin(v))^3 \pi^3}$	S	T	CDF	K
21499	18143	1	$e^{\frac{\sin(u) \cos(v) w}{\sin(v) \pi}}$	S	T	CDF	E
21500	18144	1	$\log\left(\frac{\sin(u) \cos(v) w}{\sin(v) \pi}\right)$	S	T	CDF	L
21501	18145	1	$\arcsin\left(\frac{\sin(u) \cos(v) w}{\sin(v) \pi}\right)$	S	T	CDF	S
21502	18146	1	$\arctan\left(\frac{\sin(u) \cos(v) w}{\sin(v) \pi}\right)$	S	T	CDF	T
21503	18147	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 + w^2 (\cos(v))^2 - (\cos(v))^2 w^2 (\cos(u))^2}{(\sin(v))^2 \pi^2}}$	S	T	CDF	P
21504	18148	1	$\sqrt{-\frac{-\pi^2 + \pi^2 (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\sin(v))^2 \pi^2}}$	S	T	CDF	H
21505	18149	1	$\frac{\sin(u) \cos(v)}{\sin(v) w \pi}$	S	T	CDIF	CD

21506	18150	1	$\frac{\sin(v) w \pi}{\sin(u) \cos(v)}$	S	T	CDIF	CDI
21507	18151	1	$\frac{(\sin(u))^2 (\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}$	S	T	CDIF	AB
21508	18152	1	$\sqrt{\frac{\sin(u) \cos(v)}{\sin(v) w \pi}}$	S	T	CDIF	R
21509	18153	1	$\frac{(\sin(u))^3 (\cos(v))^3}{(\sin(v))^3 w^3 \pi^3}$	S	T	CDIF	K
21510	18154	1	$e^{\frac{\sin(u) \cos(v)}{\sin(v) w \pi}}$	S	T	CDIF	E
21511	18155	1	$\log\left(\frac{\sin(u) \cos(v)}{\sin(v) w \pi}\right)$	S	T	CDIF	L
21512	18156	1	$\arcsin\left(\frac{\sin(u) \cos(v)}{\sin(v) w \pi}\right)$	S	T	CDIF	S
21513	18157	1	$\arctan\left(\frac{\sin(u) \cos(v)}{\sin(v) w \pi}\right)$	S	T	CDIF	T
21514	18158	1	$\sqrt{-\frac{-w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2}{(\sin(v))^2 w^2 \pi^2}}$	S	T	CDIF	P
21515	18159	1	$\sqrt{-\frac{-w^2 \pi^2 + w^2 \pi^2 (\cos(v))^2 - (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2}{(\sin(v))^2 w^2 \pi^2}}$	S	T	CDIF	H
21516	18160	1	$\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}$	S	T	AB	CD
21517	18161	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{w}}$	S	T	AB	CDI
21518	18162	1	$\frac{\sin(u) \cos(v) \sqrt{w} \pi}{\sin(v)}$	S	T	AB	CDF
21519	18163	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{w} \pi}$	S	T	AB	CDIF
21520	18164	1	$\frac{(\sin(u))^2 (\cos(v))^2 w}{(\sin(v))^2}$	S	T	AB	AB

21521	18165	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}}$	S	T	AB	R
21522	18166	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^{3/2}}{(\sin(v))^3}$	S	T	AB	K
21523	18167	1	$e^{\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}}$	S	T	AB	E
21524	18168	1	$\log\left(\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}\right)$	S	T	AB	L
21525	18169	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}\right)$	S	T	AB	S
21526	18170	1	$\arctan\left(\frac{\sin(u) \cos(v) \sqrt{w}}{\sin(v)}\right)$	S	T	AB	T
21527	18171	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\cos(v))^2 w + (\cos(v))^2 w (\cos(u))^2}{(\sin(v))^2}}$	S	T	AB	P
21528	18172	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\cos(v))^2 w + (\cos(v))^2 w (\cos(u))^2}{(\sin(v))^2}}$	S	T	AB	H
21529	18173	1	$\frac{\sin(u) \cos(v) w^2}{\sin(v)}$	S	T	R	CD
21530	18174	1	$\frac{\sin(v)}{\sin(u) \cos(v) w^2}$	S	T	R	CDI
21531	18175	1	$\frac{\sin(u) \cos(v) w^2 \pi}{\sin(v)}$	S	T	R	CDF
21532	18176	1	$\frac{\sin(v)}{\sin(u) \cos(v) w^2 \pi}$	S	T	R	CDIF
21533	18177	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^4}{(\sin(v))^2}$	S	T	R	AB
21534	18178	1	$\sqrt{\frac{\sin(u) \cos(v) w^2}{\sin(v)}}$	S	T	R	R

21535	18179	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^6}{(\sin(v))^3}$	S	T	R	K
21536	18180	1	$e^{\frac{\sin(u) \cos(v) w^2}{\sin(v)}}$	S	T	R	E
21537	18181	1	$\log\left(\frac{\sin(u) \cos(v) w^2}{\sin(v)}\right)$	S	T	R	L
21538	18182	1	$\arcsin\left(\frac{\sin(u) \cos(v) w^2}{\sin(v)}\right)$	S	T	R	S
21539	18183	1	$\arctan\left(\frac{\sin(u) \cos(v) w^2}{\sin(v)}\right)$	S	T	R	T
21540	18184	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\cos(v))^2 w^4 + (\cos(v))^2 w^4 (\cos(u))^2}{(\sin(v))^2}}$	S	T	R	P
21541	18185	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\cos(v))^2 w^4 + (\cos(v))^2 w^4 (\cos(u))^2}{(\sin(v))^2}}$	S	T	R	H
21542	18186	1	$\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)}$	S	T	K	CD
21543	18187	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt[3]{w}}$	S	T	K	CDI
21544	18188	1	$\frac{\sin(u) \cos(v) \sqrt[3]{w} \pi}{\sin(v)}$	S	T	K	CDF
21545	18189	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt[3]{w} \pi}$	S	T	K	CDIF
21546	18190	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^{2/3}}{(\sin(v))^2}$	S	T	K	AB
21547	18191	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)}}$	S	T	K	R
21548	18192	1	$\frac{(\sin(u))^3 (\cos(v))^3 w}{(\sin(v))^3}$	S	T	K	K
21549	18193	1	$e^{\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)}}$	S	T	K	E

21550	18194	1	$\log \left(\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)} \right)$	S	T	K	L
21551	18195	1	$\arcsin \left(\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)} \right)$	S	T	K	S
21552	18196	1	$\arctan \left(\frac{\sin(u) \cos(v) \sqrt[3]{w}}{\sin(v)} \right)$	S	T	K	T
21553	18197	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\cos(v))^2 w^{2/3} + (\cos(v))^2 w^{2/3} (\cos(u))^2}{(\sin(v))^2}}$	S	T	K	P
21554	18198	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\cos(v))^2 w^{2/3} + (\cos(v))^2 w^{2/3} (\cos(u))^2}{(\sin(v))^2}}$	S	T	K	H
21555	18199	1	$\frac{\sin(u) \cos(v) \ln(w)}{\sin(v)}$	S	T	E	CD
21556	18200	1	$\frac{\sin(v)}{\sin(u) \cos(v) \ln(w)}$	S	T	E	CDI
21557	18201	1	$\frac{\sin(u) \cos(v) \ln(w) \pi}{\sin(v)}$	S	T	E	CDF
21558	18202	1	$\frac{\sin(v)}{\sin(u) \cos(v) \ln(w) \pi}$	S	T	E	CDIF
21559	18203	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\ln(w))^2}{(\sin(v))^2}$	S	T	E	AB
21560	18204	1	$\sqrt{\frac{\sin(u) \cos(v) \ln(w)}{\sin(v)}}$	S	T	E	R
21561	18205	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\ln(w))^3}{(\sin(v))^3}$	S	T	E	K
21562	18206	1	$w^{\frac{\sin(u) \cos(v)}{\sin(v)}}$	S	T	E	E
21563	18207	1	$\log \left(\frac{\sin(u) \cos(v) \ln(w)}{\sin(v)} \right)$	S	T	E	L

21564	18208	1	$\arcsin\left(\frac{\sin(u)\cos(v)\ln(w)}{\sin(v)}\right)$	S	T	E	S
21565	18209	1	$\arctan\left(\frac{\sin(u)\cos(v)\ln(w)}{\sin(v)}\right)$	S	T	E	T
21566	18210	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\cos(v))^2 (\ln(w))^2 + (\cos(v))^2 (\ln(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	E	P
21567	18211	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\cos(v))^2 (\ln(w))^2 + (\cos(v))^2 (\ln(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	E	H
21568	18212	1	$\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}$	S	T	L	CD
21569	18213	1	$\frac{\sin(v)}{\sin(u)\cos(v)\text{Exp}(w)}$	S	T	L	CDI
21570	18214	1	$\frac{\sin(u)\cos(v)\text{Exp}(w)\pi}{\sin(v)}$	S	T	L	CDF
21571	18215	1	$\frac{\sin(v)}{\sin(u)\cos(v)\text{Exp}(w)\pi}$	S	T	L	CDIF
21572	18216	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\text{Exp}(w))^2}{(\sin(v))^2}$	S	T	L	AB
21573	18217	1	$\sqrt{\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}}$	S	T	L	R
21574	18218	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\text{Exp}(w))^3}{(\sin(v))^3}$	S	T	L	K
21575	18219	1	$e^{\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}}$	S	T	L	E
21576	18220	1	$\log\left(\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}\right)$	S	T	L	L
21577	18221	1	$\arcsin\left(\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}\right)$	S	T	L	S
21578	18222	1	$\arctan\left(\frac{\sin(u)\cos(v)\text{Exp}(w)}{\sin(v)}\right)$	S	T	L	T

21579	18223	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\cos(v))^2 (\text{Exp}(w))^2 + (\cos(v))^2 (\text{Exp}(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	L	P
21580	18224	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\cos(v))^2 (\text{Exp}(w))^2 + (\cos(v))^2 (\text{Exp}(w))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	L	H
21581	18225	1	$\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}$	S	T	S	CD
21582	18226	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sin(w)}$	S	T	S	CDI
21583	18227	1	$\frac{\sin(u) \cos(v) \sin(w) \pi}{\sin(v)}$	S	T	S	CDF
21584	18228	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sin(w) \pi}$	S	T	S	CDIF
21585	18229	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2}$	S	T	S	AB
21586	18230	1	$\sqrt{\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}}$	S	T	S	R
21587	18231	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	S	T	S	K
21588	18232	1	$e^{\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}}$	S	T	S	E
21589	18233	1	$\log\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}\right)$	S	T	S	L
21590	18234	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}\right)$	S	T	S	S
21591	18235	1	$\arctan\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v)}\right)$	S	T	S	T
21592	18236	1	$\sqrt{-\frac{-1 + 2 (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2 + (\cos(v))^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	S	P

21593	18237	1	$\sqrt{\frac{1 - (\cos(w))^2 (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 (\cos(w))^2}{(\sin(v))^2}}$	S	T	T	H
21594	18238	1	$\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}$	S	T	T	CD
21595	18239	1	$\frac{\sin(v) \cos(w)}{\sin(u) \cos(v) \sin(w)}$	S	T	T	CDI
21596	18240	1	$\frac{\sin(u) \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	S	T	T	CDF
21597	18241	1	$\frac{\sin(v) \cos(w)}{\sin(u) \cos(v) \sin(w) \pi}$	S	T	T	CDIF
21598	18242	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\sin(w))^2}{(\sin(v))^2 (\cos(w))^2}$	S	T	T	AB
21599	18243	1	$\sqrt{\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	S	T	T	R
21600	18244	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	S	T	T	K
21601	18245	1	$e^{\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	S	T	T	E
21602	18246	1	$\log\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	S	T	T	L
21603	18247	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	S	T	T	S
21604	18248	1	$\arctan\left(\frac{\sin(u) \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	S	T	T	T
21605	18249	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	S	T	T	P
21606	18250	1	$\sqrt{\frac{(\cos(w))^2 - 2 (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	S	T	T	H

21607	18251	1	$\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}$	S	T	P	CD
21608	18252	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{1-w^2}}$	S	T	P	CDI
21609	18253	1	$\frac{\sin(u) \cos(v) \sqrt{1-w^2} \pi}{\sin(v)}$	S	T	P	CDF
21610	18254	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{1-w^2} \pi}$	S	T	P	CDIF
21611	18255	1	$-\frac{(\sin(u))^2 (\cos(v))^2 (-1+w^2)}{(\sin(v))^2}$	S	T	P	AB
21612	18256	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}}$	S	T	P	R
21613	18257	1	$\frac{(\sin(u))^3 (\cos(v))^3 (1-w^2)^{3/2}}{(\sin(v))^3}$	S	T	P	K
21614	18258	1	$e^{\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}}$	S	T	P	E
21615	18259	1	$\log\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}\right)$	S	T	P	L
21616	18260	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}\right)$	S	T	P	S
21617	18261	1	$\arctan\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\sin(v)}\right)$	S	T	P	T
21618	18262	1	$\sqrt{-\frac{-1+2(\cos(v))^2-(\cos(v))^2(\cos(u))^2-w^2(\cos(v))^2+(\cos(v))^2w^2(\cos(u))^2}{(\sin(v))^2}}$	S	T	P	P
21619	18262	2	$\sqrt{-\frac{-1+2(\cos(v))^2-(\cos(v))^2(\cos(u))^2-w^2(\cos(v))^2+(\cos(v))^2w^2(\cos(u))^2}{(\sin(v))^2}}$	S	T	H	H
21620	18263	1	$\sqrt{\frac{1-(\cos(v))^2(\cos(u))^2-w^2(\cos(v))^2+(\cos(v))^2w^2(\cos(u))^2}{(\sin(v))^2}}$	S	T	P	H

21621	18263	2	$\sqrt{\frac{1 - (\cos(v))^2 (\cos(u))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\sin(v))^2}}$	S	T	H	P
21622	18264	1	$\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}$	S	T	H	CD
21623	18265	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{-1 + w^2}}$	S	T	H	CDI
21624	18266	1	$\frac{\sin(u) \cos(v) \sqrt{-1 + w^2} \pi}{\sin(v)}$	S	T	H	CDF
21625	18267	1	$\frac{\sin(v)}{\sin(u) \cos(v) \sqrt{-1 + w^2} \pi}$	S	T	H	CDIF
21626	18268	1	$\frac{(\sin(u))^2 (\cos(v))^2 (-1 + w^2)}{(\sin(v))^2}$	S	T	H	AB
21627	18269	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}}$	S	T	H	R
21628	18270	1	$\frac{(\sin(u))^3 (\cos(v))^3 (-1 + w^2)^{3/2}}{(\sin(v))^3}$	S	T	H	K
21629	18271	1	$e^{\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}}$	S	T	H	E
21630	18272	1	$\log\left(\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}\right)$	S	T	H	L
21631	18273	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}\right)$	S	T	H	S
21632	18274	1	$\arctan\left(\frac{\sin(u) \cos(v) \sqrt{-1 + w^2}}{\sin(v)}\right)$	S	T	H	T
21633	18275	1	$\frac{\sin(u) w}{\sqrt{1 - v^2}}$	S	P	CD	CD
21634	18276	1	$\frac{\sqrt{1 - v^2}}{\sin(u) w}$	S	P	CD	CDI

21635	18276	2	$\frac{\sqrt{1-v^2}}{\sin(u) w}$	S	P	CDF	CDIF
21636	18277	1	$\frac{\sin(u) w \pi}{\sqrt{1-v^2}}$	S	P	CD	CDF
21637	18278	1	$\frac{\sqrt{1-v^2}}{\sin(u) w \pi}$	S	P	CD	CDIF
21638	18279	1	$-\frac{(\sin(u))^2 w^2}{-1+v^2}$	S	P	CD	AB
21639	18280	1	$\sqrt{\frac{\sin(u) w}{\sqrt{1-v^2}}}$	S	P	CD	R
21640	18281	1	$\frac{(\sin(u))^3 w^3}{(1-v^2)^{3/2}}$	S	P	CD	K
21641	18282	1	$e^{\frac{\sin(u) w}{\sqrt{1-v^2}}}$	S	P	CD	E
21642	18283	1	$\log\left(\frac{\sin(u) w}{\sqrt{1-v^2}}\right)$	S	P	CD	L
21643	18284	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt{1-v^2}}\right)$	S	P	CD	S
21644	18285	1	$\arctan\left(\frac{\sin(u) w}{\sqrt{1-v^2}}\right)$	S	P	CD	T
21645	18286	1	$\sqrt{-\frac{1-v^2-w^2+w^2(\cos(u))^2}{-1+v^2}}$	S	P	CD	P
21646	18286	2	$\sqrt{-\frac{1-v^2-w^2+w^2(\cos(u))^2}{-1+v^2}}$	S	H	CD	H
21647	18287	1	$\sqrt{\frac{-1+v^2-w^2+w^2(\cos(u))^2}{-1+v^2}}$	S	P	CD	H
21648	18287	2	$\sqrt{\frac{-1+v^2-w^2+w^2(\cos(u))^2}{-1+v^2}}$	S	H	CD	P

21649	18288	1	$\frac{\sin(u)}{\sqrt{1-v^2}w}$	S	P	CDI	CD
21650	18288	2	$\frac{\sin(u)}{\sqrt{1-v^2}w}$	S	P	CDIF	CDF
21651	18289	1	$\frac{\sqrt{1-v^2}w}{\sin(u)}$	S	P	CDI	CDI
21652	18289	2	$\frac{\sqrt{1-v^2}w}{\sin(u)}$	S	P	CDIF	CDIF
21653	18290	1	$\frac{\sin(u)\pi}{\sqrt{1-v^2}w}$	S	P	CDI	CDF
21654	18291	1	$\frac{\sqrt{1-v^2}w}{\sin(u)\pi}$	S	P	CDI	CDIF
21655	18292	1	$-\frac{(\sin(u))^2}{w^2(-1+v^2)}$	S	P	CDI	AB
21656	18293	1	$\sqrt{\frac{\sin(u)}{\sqrt{1-v^2}w}}$	S	P	CDI	R
21657	18294	1	$\frac{(\sin(u))^3}{(1-v^2)^{3/2}w^3}$	S	P	CDI	K
21658	18295	1	$e^{\frac{\sin(u)}{\sqrt{1-v^2}w}}$	S	P	CDI	E
21659	18296	1	$\log\left(\frac{\sin(u)}{\sqrt{1-v^2}w}\right)$	S	P	CDI	L
21660	18297	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{1-v^2}w}\right)$	S	P	CDI	S
21661	18298	1	$\arctan\left(\frac{\sin(u)}{\sqrt{1-v^2}w}\right)$	S	P	CDI	T
21662	18299	1	$\sqrt{\frac{-w^2+v^2w^2+1-(\cos(u))^2}{w^2(-1+v^2)}}$	S	P	CDI	P
21663	18299	2	$\sqrt{\frac{-w^2+v^2w^2+1-(\cos(u))^2}{w^2(-1+v^2)}}$	S	H	CDI	H

21664	18300	1	$\sqrt{\frac{-w^2 + v^2 w^2 - 1 + (\cos(u))^2}{w^2 (-1 + v^2)}}$	S	P	CDI	H
21665	18300	2	$\sqrt{\frac{-w^2 + v^2 w^2 - 1 + (\cos(u))^2}{w^2 (-1 + v^2)}}$	S	H	CDI	P
21666	18301	1	$\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}$	S	P	CDF	CD
21667	18302	1	$\frac{\sqrt{1 - v^2} \pi}{\sin(u) w}$	S	P	CDF	CDI
21668	18303	1	$\frac{\sin(u) w}{\sqrt{-(v - 1)(v + 1)}}$	S	P	CDF	CDF
21669	18304	1	$-\frac{(\sin(u))^2 w^2}{\pi^2 (-1 + v^2)}$	S	P	CDF	AB
21670	18305	1	$\sqrt{\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}}$	S	P	CDF	R
21671	18306	1	$\frac{(\sin(u))^3 w^3}{(1 - v^2)^{3/2} \pi^3}$	S	P	CDF	K
21672	18307	1	$e^{\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}}$	S	P	CDF	E
21673	18308	1	$\log\left(\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}\right)$	S	P	CDF	L
21674	18309	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}\right)$	S	P	CDF	S
21675	18310	1	$\arctan\left(\frac{\sin(u) w}{\sqrt{1 - v^2} \pi}\right)$	S	P	CDF	T
21676	18311	1	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + w^2 - w^2 (\cos(u))^2}{\pi^2 (-1 + v^2)}}$	S	P	CDF	P
21677	18311	2	$\sqrt{\frac{-\pi^2 + v^2 \pi^2 + w^2 - w^2 (\cos(u))^2}{\pi^2 (-1 + v^2)}}$	S	H	CDF	H

21678	18312	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - w^2 + w^2 (\cos(u))^2}{\pi^2 (-1 + v^2)}}$	S	P	CDF	H
21679	18312	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - w^2 + w^2 (\cos(u))^2}{\pi^2 (-1 + v^2)}}$	S	H	CDF	P
21680	18313	1	$\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}$	S	P	CDIF	CD
21681	18314	1	$\frac{\sqrt{1 - v^2}w\pi}{\sin(u)}$	S	P	CDIF	CDI
21682	18315	1	$-\frac{(\sin(u))^2}{w^2\pi^2 (-1 + v^2)}$	S	P	CDIF	AB
21683	18316	1	$\sqrt{\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}}$	S	P	CDIF	R
21684	18317	1	$\frac{(\sin(u))^3}{(1 - v^2)^{3/2}w^3\pi^3}$	S	P	CDIF	K
21685	18318	1	$e^{\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}}$	S	P	CDIF	E
21686	18319	1	$\log\left(\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}\right)$	S	P	CDIF	L
21687	18320	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}\right)$	S	P	CDIF	S
21688	18321	1	$\arctan\left(\frac{\sin(u)}{\sqrt{1 - v^2}w\pi}\right)$	S	P	CDIF	T
21689	18322	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + 1 - (\cos(u))^2}{w^2\pi^2 (-1 + v^2)}}$	S	P	CDIF	P
21690	18322	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 + 1 - (\cos(u))^2}{w^2\pi^2 (-1 + v^2)}}$	S	H	CDIF	H
21691	18323	1	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - 1 + (\cos(u))^2}{w^2\pi^2 (-1 + v^2)}}$	S	P	CDIF	H
21692	18323	2	$\sqrt{\frac{-w^2\pi^2 + v^2w^2\pi^2 - 1 + (\cos(u))^2}{w^2\pi^2 (-1 + v^2)}}$	S	H	CDIF	P

21693	18324	1	$\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}$	S	P	AB	CD
21694	18325	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sqrt{w}}$	S	P	AB	CDI
21695	18326	1	$\frac{\sin(u) \sqrt{w} \pi}{\sqrt{1-v^2}}$	S	P	AB	CDF
21696	18327	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sqrt{w} \pi}$	S	P	AB	CDIF
21697	18328	1	$-\frac{(\sin(u))^2 w}{-1+v^2}$	S	P	AB	AB
21698	18329	1	$\sqrt{\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}}$	S	P	AB	R
21699	18330	1	$\frac{(\sin(u))^3 w^{3/2}}{(1-v^2)^{3/2}}$	S	P	AB	K
21700	18331	1	$e^{\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}}$	S	P	AB	E
21701	18332	1	$\log\left(\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}\right)$	S	P	AB	L
21702	18333	1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}\right)$	S	P	AB	S
21703	18334	1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{\sqrt{1-v^2}}\right)$	S	P	AB	T
21704	18335	1	$\sqrt{-\frac{1-v^2-w+w(\cos(u))^2}{-1+v^2}}$	S	P	AB	P
21705	18335	2	$\sqrt{-\frac{1-v^2-w+w(\cos(u))^2}{-1+v^2}}$	S	H	AB	H
21706	18336	1	$\sqrt{\frac{-1+v^2-w+w(\cos(u))^2}{-1+v^2}}$	S	P	AB	H

21707	18336	2	$\sqrt{\frac{-1+v^2-w+w(\cos(u))^2}{-1+v^2}}$	S	H	AB	P
21708	18337	1	$\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}$	S	P	R	CD
21709	18338	1	$\frac{\sqrt{1-v^2}}{\sin(u)w^2}$	S	P	R	CDI
21710	18339	1	$\frac{\sin(u)w^2\pi}{\sqrt{-(v-1)(v+1)}}$	S	P	R	CDF
21711	18340	1	$\frac{\sqrt{1-v^2}}{\sin(u)w^2\pi}$	S	P	R	CDIF
21712	18341	1	$-\frac{(\sin(u))^2w^4}{-1+v^2}$	S	P	R	AB
21713	18342	1	$\sqrt{\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}}$	S	P	R	R
21714	18343	1	$\frac{(\sin(u))^3w^6}{(1-v^2)^{3/2}}$	S	P	R	K
21715	18344	1	$e^{\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}}$	S	P	R	E
21716	18345	1	$\log\left(\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	S	P	R	L
21717	18346	1	$\arcsin\left(\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	S	P	R	S
21718	18347	1	$\arctan\left(\frac{\sin(u)w^2}{\sqrt{-(v-1)(v+1)}}\right)$	S	P	R	T
21719	18348	1	$\sqrt{-\frac{1-v^2-w^4+w^4(\cos(u))^2}{-1+v^2}}$	S	P	R	P
21720	18348	2	$\sqrt{-\frac{1-v^2-w^4+w^4(\cos(u))^2}{-1+v^2}}$	S	H	R	H

21721	18349	1	$\sqrt{\frac{-1+v^2-w^4+w^4(\cos(u))^2}{-1+v^2}}$	S	P	R	H
21722	18349	2	$\sqrt{\frac{-1+v^2-w^4+w^4(\cos(u))^2}{-1+v^2}}$	S	H	R	P
21723	18350	1	$\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}$	S	P	K	CD
21724	18351	1	$\frac{\sqrt{1-v^2}}{\sin(u)\sqrt[3]{w}}$	S	P	K	CDI
21725	18352	1	$\frac{\sin(u)\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	S	P	K	CDF
21726	18353	1	$\frac{\sqrt{1-v^2}}{\sin(u)\sqrt[3]{w}\pi}$	S	P	K	CDIF
21727	18354	1	$-\frac{(\sin(u))^2 w^{2/3}}{-1+v^2}$	S	P	K	AB
21728	18355	1	$\sqrt{\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}}$	S	P	K	R
21729	18356	1	$\frac{(\sin(u))^3 w}{(1-v^2)^{3/2}}$	S	P	K	K
21730	18357	1	$e^{\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}}$	S	P	K	E
21731	18358	1	$\log\left(\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	S	P	K	L
21732	18359	1	$\arcsin\left(\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	S	P	K	S
21733	18360	1	$\arctan\left(\frac{\sin(u)\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	S	P	K	T
21734	18361	1	$\sqrt{\frac{-1+v^2-w^{2/3}(\cos(u))^2+w^{2/3}}{-1+v^2}}$	S	P	K	P

21735	18361	2	$\sqrt{\frac{-1+v^2-w^{2/3}(\cos(u))^2+w^{2/3}}{-1+v^2}}\mathbf{S}$	H	K	H
21736	18362	1	$\sqrt{\frac{-1+v^2+w^{2/3}(\cos(u))^2-w^{2/3}}{-1+v^2}}\mathbf{S}$	P	K	H
21737	18362	2	$\sqrt{\frac{-1+v^2+w^{2/3}(\cos(u))^2-w^{2/3}}{-1+v^2}}\mathbf{S}$	H	K	P
21738	18363	1	$\frac{\sin(u)\ln(w)}{\sqrt{1-v^2}}\mathbf{S}$	P	E	CD
21739	18364	1	$\frac{\sqrt{1-v^2}}{\sin(u)\ln(w)}\mathbf{S}$	P	E	CDI
21740	18365	1	$\frac{\sin(u)\ln(w)\pi}{\sqrt{1-v^2}}\mathbf{S}$	P	E	CDF
21741	18366	1	$\frac{\sqrt{1-v^2}}{\sin(u)\ln(w)\pi}\mathbf{S}$	P	E	CDIF
21742	18367	1	$\frac{\left(-1+(\cos(u))^2\right)(\ln(w))^2}{-1+v^2}\mathbf{S}$	P	E	AB
21743	18368	1	$\sqrt{\frac{\sin(u)\ln(w)}{\sqrt{1-v^2}}}\mathbf{S}$	P	E	R
21744	18369	1	$\frac{(\sin(u))^3(\ln(w))^3}{(1-v^2)^{3/2}}\mathbf{S}$	P	E	K
21745	18370	1	$w^{\frac{\sin(u)}{\sqrt{1-v^2}}}\mathbf{S}$	P	E	E
21746	18371	1	$\log\left(\frac{\sin(u)\ln(w)}{\sqrt{1-v^2}}\right)\mathbf{S}$	P	E	L
21747	18372	1	$\arcsin\left(\frac{\sin(u)\ln(w)}{\sqrt{1-v^2}}\right)\mathbf{S}$	P	E	S
21748	18373	1	$\arctan\left(\frac{\sin(u)\ln(w)}{\sqrt{1-v^2}}\right)\mathbf{S}$	P	E	T

21749	18374	1	$\sqrt{\frac{-1+v^2+(\ln(w))^2-(\ln(w))^2(\cos(u))^2}{-1+v^2}}$	S	P	E	P
21750	18374	2	$\sqrt{\frac{-1+v^2+(\ln(w))^2-(\ln(w))^2(\cos(u))^2}{-1+v^2}}$	S	H	E	H
21751	18375	1	$\sqrt{\frac{-1+v^2-(\ln(w))^2+(\ln(w))^2(\cos(u))^2}{-1+v^2}}$	S	P	E	H
21752	18375	2	$\sqrt{\frac{-1+v^2-(\ln(w))^2+(\ln(w))^2(\cos(u))^2}{-1+v^2}}$	S	H	E	P
21753	18376	1	$\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}$	S	P	L	CD
21754	18377	1	$\frac{\sqrt{1-v^2}}{\sin(u) \operatorname{Exp}(w)}$	S	P	L	CDI
21755	18378	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{\sqrt{1-v^2}}$	S	P	L	CDF
21756	18379	1	$\frac{\sqrt{1-v^2}}{\sin(u) \operatorname{Exp}(w) \pi}$	S	P	L	CDIF
21757	18380	1	$\frac{(-1+(\cos(u))^2)(\operatorname{Exp}(w))^2}{-1+v^2}$	S	P	L	AB
21758	18381	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}}$	S	P	L	R
21759	18382	1	$\frac{(\sin(u))^3(\operatorname{Exp}(w))^3}{(1-v^2)^{3/2}}$	S	P	L	K
21760	18383	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}}$	S	P	L	E
21761	18384	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	S	P	L	L
21762	18385	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	S	P	L	S

21763	18386	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	S	P	L	T
21764	18387	1	$\sqrt{\frac{-1+v^2+(\operatorname{Exp}(w))^2-(\operatorname{Exp}(w))^2(\cos(u))^2}{-1+v^2}}$	S	P	L	P
21765	18387	2	$\sqrt{\frac{-1+v^2+(\operatorname{Exp}(w))^2-(\operatorname{Exp}(w))^2(\cos(u))^2}{-1+v^2}}$	S	H	L	H
21766	18388	1	$\sqrt{\frac{-1+v^2-(\operatorname{Exp}(w))^2+(\operatorname{Exp}(w))^2(\cos(u))^2}{-1+v^2}}$	S	P	L	H
21767	18388	2	$\sqrt{\frac{-1+v^2-(\operatorname{Exp}(w))^2+(\operatorname{Exp}(w))^2(\cos(u))^2}{-1+v^2}}$	S	H	L	P
21768	18389	1	$\frac{\sin(u) \sin(w)}{\sqrt{1-v^2}}$	S	P	S	CD
21769	18390	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sin(w)}$	S	P	S	CDI
21770	18391	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt{1-v^2}}$	S	P	S	CDF
21771	18392	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sin(w) \pi}$	S	P	S	CDIF
21772	18393	1	$-\frac{(\sin(u))^2(\sin(w))^2}{-1+v^2}$	S	P	S	AB
21773	18394	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt{1-v^2}}}$	S	P	S	R
21774	18395	1	$\frac{(\sin(u))^3(\sin(w))^3}{(1-v^2)^{3/2}}$	S	P	S	K
21775	18396	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt{1-v^2}}}$	S	P	S	E
21776	18397	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt{1-v^2}}\right)$	S	P	S	L

21777	18398	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\sqrt{1-v^2}}\right)$	S	P	S	S
21778	18399	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\sqrt{1-v^2}}\right)$	S	P	S	T
21779	18400	1	$\sqrt{\frac{v^2 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{-1 + v^2}}$	S	P	S	P
21780	18400	2	$\sqrt{\frac{v^2 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{-1 + v^2}}$	S	H	S	H
21781	18401	1	$\sqrt{\frac{-2 + v^2 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{-1 + v^2}}$	S	P	S	H
21782	18401	2	$\sqrt{\frac{-2 + v^2 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{-1 + v^2}}$	S	H	S	P
21783	18402	1	$\frac{\sin(u)\sin(w)}{\sqrt{1-v^2}\cos(w)}$	S	P	T	CD
21784	18403	1	$\frac{\sqrt{1-v^2}\cos(w)}{\sin(u)\sin(w)}$	S	P	T	CDI
21785	18404	1	$\frac{\sin(u)\sin(w)\pi}{\sqrt{1-v^2}\cos(w)}$	S	P	T	CDF
21786	18405	1	$\frac{\sqrt{1-v^2}\cos(w)}{\sin(u)\sin(w)\pi}$	S	P	T	CDIF
21787	18406	1	$-\frac{(\sin(u))^2(\sin(w))^2}{(\cos(w))^2(-1+v^2)}$	S	P	T	AB
21788	18407	1	$\sqrt{\frac{\sin(u)\sin(w)}{\sqrt{1-v^2}\cos(w)}}$	S	P	T	R
21789	18408	1	$\frac{(\sin(u))^3(\sin(w))^3}{(1-v^2)^{3/2}(\cos(w))^3}$	S	P	T	K
21790	18409	1	$e^{\frac{\sin(u)\sin(w)}{\sqrt{1-v^2}\cos(w)}}$	S	P	T	E

21791	18410	1	$\log \left(\frac{\sin(u) \sin(w)}{\sqrt{1-v^2} \cos(w)} \right)$	S	P	T	L
21792	18411	1	$\arcsin \left(\frac{\sin(u) \sin(w)}{\sqrt{1-v^2} \cos(w)} \right)$	S	P	T	S
21793	18412	1	$\arctan \left(\frac{\sin(u) \sin(w)}{\sqrt{1-v^2} \cos(w)} \right)$	S	P	T	T
21794	18413	1	$\sqrt{\frac{-2(\cos(w))^2 + v^2(\cos(w))^2 + 1 - (\cos(u))^2 + (\cos(u))^2(\cos(w))^2}{(\cos(w))^2(-1+v^2)}}$	S	P	T	P
21795	18413	2	$\sqrt{\frac{-2(\cos(w))^2 + v^2(\cos(w))^2 + 1 - (\cos(u))^2 + (\cos(u))^2(\cos(w))^2}{(\cos(w))^2(-1+v^2)}}$	S	H	T	H
21796	18414	1	$\sqrt{\frac{v^2(\cos(w))^2 - 1 + (\cos(u))^2 - (\cos(u))^2(\cos(w))^2}{(\cos(w))^2(-1+v^2)}}$	S	P	T	H
21797	18414	2	$\sqrt{\frac{v^2(\cos(w))^2 - 1 + (\cos(u))^2 - (\cos(u))^2(\cos(w))^2}{(\cos(w))^2(-1+v^2)}}$	S	H	T	P
21798	18415	1	$\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}$	S	P	P	CD
21799	18416	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sqrt{1-w^2}}$	S	P	P	CDI
21800	18417	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{\sqrt{1-v^2}}$	S	P	P	CDF
21801	18418	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sqrt{1-w^2} \pi}$	S	P	P	CDIF
21802	18419	1	$\frac{(\sin(u))^2(-1+w^2)}{-1+v^2}$	S	P	P	AB
21803	18419	2	$\frac{(\sin(u))^2(-1+w^2)}{-1+v^2}$	S	H	H	AB
21804	18420	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{1-v^2}}}$	S	P	P	R
21805	18421	1	$\frac{(\sin(u))^3(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	S	P	P	K

21806	18422	1	$e^{\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	S	P	P	E
21807	18423	1	$\log\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	S	P	P	L
21808	18424	1	$\arcsin\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	S	P	P	S
21809	18425	1	$\arctan\left(\frac{\sin(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	S	P	P	T
21810	18426	1	$\sqrt{\frac{v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	P	P	P
21811	18426	2	$\sqrt{\frac{v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	P	H	H
21812	18426	3	$\sqrt{\frac{v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	H	P	H
21813	18426	4	$\sqrt{\frac{v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	H	H	P
21814	18427	1	$\sqrt{-\frac{2 - v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	P	P	H
21815	18427	2	$\sqrt{-\frac{2 - v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	P	H	P
21816	18427	3	$\sqrt{-\frac{2 - v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	H	P	P
21817	18427	4	$\sqrt{-\frac{2 - v^2 - w^2 - (\cos(u))^2 + w^2 (\cos(u))^2}{-1 + v^2}}$	S	H	H	H
21818	18428	1	$\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	S	P	H	CD
21819	18429	1	$\frac{\sqrt{1-v^2}}{\sin(u)\sqrt{-1+w^2}}$	S	P	H	CDI

21820	18430	1	$\frac{\sin(u) \sqrt{-1+w^2} \pi}{\sqrt{1-v^2}}$	S	P	H	CDF
21821	18431	1	$\frac{\sqrt{1-v^2}}{\sin(u) \sqrt{-1+w^2} \pi}$	S	P	H	CDIF
21822	18432	1	$-\frac{(\sin(u))^2 (-1+w^2)}{-1+v^2}$	S	P	H	AB
21823	18432	2	$-\frac{(\sin(u))^2 (-1+w^2)}{-1+v^2}$	S	H	P	AB
21824	18433	1	$\sqrt{\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	S	P	H	R
21825	18434	1	$\frac{(\sin(u))^3 (-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	S	P	H	K
21826	18435	1	$e^{\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	S	P	H	E
21827	18436	1	$\log\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	S	P	H	L
21828	18437	1	$\arcsin\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	S	P	H	S
21829	18438	1	$\arctan\left(\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	S	P	H	T
21830	18439	1	$\frac{\sin(u) w}{\sqrt{-1+v^2}}$	S	H	CD	CD
21831	18439	2	$\frac{\sin(u) w}{\sqrt{-1+v^2}}$	S	H	CDF	CDF
21832	18440	1	$\frac{\sqrt{-1+v^2}}{\sin(u) w}$	S	H	CD	CDI
21833	18440	2	$\frac{\sqrt{-1+v^2}}{\sin(u) w}$	S	H	CDF	CDIF
21834	18441	1	$\frac{\sin(u) w \pi}{\sqrt{-1+v^2}}$	S	H	CD	CDF

21835	18442	1	$\frac{\sqrt{-1+v^2}}{\sin(u) w \pi}$	S	H	CD	CDIF
21836	18443	1	$\frac{(\sin(u))^2 w^2}{-1+v^2}$	S	H	CD	AB
21837	18444	1	$\sqrt{\frac{\sin(u) w}{\sqrt{-1+v^2}}}$	S	H	CD	R
21838	18445	1	$\frac{(\sin(u))^3 w^3}{(-1+v^2)^{3/2}}$	S	H	CD	K
21839	18446	1	$e^{\frac{\sin(u) w}{\sqrt{-1+v^2}}}$	S	H	CD	E
21840	18447	1	$\log\left(\frac{\sin(u) w}{\sqrt{-1+v^2}}\right)$	S	H	CD	L
21841	18448	1	$\arcsin\left(\frac{\sin(u) w}{\sqrt{-1+v^2}}\right)$	S	H	CD	S
21842	18449	1	$\arctan\left(\frac{\sin(u) w}{\sqrt{-1+v^2}}\right)$	S	H	CD	T
21843	18450	1	$\frac{\sin(u)}{\sqrt{-1+v^2} w}$	S	H	CDI	CD
21844	18450	2	$\frac{\sin(u)}{\sqrt{-1+v^2} w}$	S	H	CDIF	CDF
21845	18451	1	$\frac{\sqrt{-1+v^2} w}{\sin(u)}$	S	H	CDI	CDI
21846	18451	2	$\frac{\sqrt{-1+v^2} w}{\sin(u)}$	S	H	CDIF	CDIF
21847	18452	1	$\frac{\sin(u) \pi}{\sqrt{-1+v^2} w}$	S	H	CDI	CDF
21848	18453	1	$\frac{\sqrt{-1+v^2} w}{\sin(u) \pi}$	S	H	CDI	CDIF
21849	18454	1	$\frac{(\sin(u))^2}{w^2 (-1+v^2)}$	S	H	CDI	AB

21850	18455	1	$\sqrt{\frac{\sin(u)}{\sqrt{-1+v^2}w}}$	S	H	CDI	R
21851	18456	1	$\frac{(\sin(u))^3}{(-1+v^2)^{3/2}w^3}$	S	H	CDI	K
21852	18457	1	$e^{\frac{\sin(u)}{\sqrt{-1+v^2}w}}$	S	H	CDI	E
21853	18458	1	$\log\left(\frac{\sin(u)}{\sqrt{-1+v^2}w}\right)$	S	H	CDI	L
21854	18459	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{-1+v^2}w}\right)$	S	H	CDI	S
21855	18460	1	$\arctan\left(\frac{\sin(u)}{\sqrt{-1+v^2}w}\right)$	S	H	CDI	T
21856	18461	1	$\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}$	S	H	CDF	CD
21857	18462	1	$\frac{\sqrt{-1+v^2}\pi}{\sin(u)w}$	S	H	CDF	CDI
21858	18463	1	$\frac{(\sin(u))^2w^2}{\pi^2(-1+v^2)}$	S	H	CDF	AB
21859	18464	1	$\sqrt{\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}}$	S	H	CDF	R
21860	18465	1	$\frac{(\sin(u))^3w^3}{(-1+v^2)^{3/2}\pi^3}$	S	H	CDF	K
21861	18466	1	$e^{\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}}$	S	H	CDF	E
21862	18467	1	$\log\left(\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}\right)$	S	H	CDF	L
21863	18468	1	$\arcsin\left(\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}\right)$	S	H	CDF	S

21864	18469	1	$\arctan\left(\frac{\sin(u)w}{\sqrt{-1+v^2}\pi}\right)$	S	H	CDF	T
21865	18470	1	$\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}$	S	H	CDIF	CD
21866	18471	1	$\frac{\sqrt{-1+v^2}w\pi}{\sin(u)}$	S	H	CDIF	CDI
21867	18472	1	$\frac{(\sin(u))^2}{w^2\pi^2(-1+v^2)}$	S	H	CDIF	AB
21868	18473	1	$\sqrt{\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}}$	S	H	CDIF	R
21869	18474	1	$\frac{(\sin(u))^3}{(-1+v^2)^{3/2}w^3\pi^3}$	S	H	CDIF	K
21870	18475	1	$e^{\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}}$	S	H	CDIF	E
21871	18476	1	$\log\left(\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}\right)$	S	H	CDIF	L
21872	18477	1	$\arcsin\left(\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}\right)$	S	H	CDIF	S
21873	18478	1	$\arctan\left(\frac{\sin(u)}{\sqrt{-1+v^2}w\pi}\right)$	S	H	CDIF	T
21874	18479	1	$\frac{\sin(u)\sqrt{w}}{\sqrt{-1+v^2}}$	S	H	AB	CD
21875	18480	1	$\frac{\sqrt{-1+v^2}}{\sin(u)\sqrt{w}}$	S	H	AB	CDI
21876	18481	1	$\frac{\sin(u)\sqrt{w}\pi}{\sqrt{-1+v^2}}$	S	H	AB	CDF
21877	18482	1	$\frac{\sqrt{-1+v^2}}{\sin(u)\sqrt{w}\pi}$	S	H	AB	CDIF
21878	18483	1	$\frac{(\sin(u))^2w}{-1+v^2}$	S	H	AB	AB

21879 18484 1	$\sqrt{\frac{\sin(u) \sqrt{w}}{\sqrt{-1+v^2}}}$	S	H	AB	R
21880 18485 1	$\frac{(\sin(u))^3 w^{3/2}}{(-1+v^2)^{3/2}}$	S	H	AB	K
21881 18486 1	$e^{\frac{\sin(u) \sqrt{w}}{\sqrt{-1+v^2}}}$	S	H	AB	E
21882 18487 1	$\log\left(\frac{\sin(u) \sqrt{w}}{\sqrt{-1+v^2}}\right)$	S	H	AB	L
21883 18488 1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{\sqrt{-1+v^2}}\right)$	S	H	AB	S
21884 18489 1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{\sqrt{-1+v^2}}\right)$	S	H	AB	T
21885 18490 1	$\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}}$	S	H	R	CD
21886 18491 1	$\frac{\sqrt{-1+v^2}}{\sin(u) w^2}$	S	H	R	CDI
21887 18492 1	$\frac{\sin(u) w^2 \pi}{\sqrt{(v-1)(v+1)}}$	S	H	R	CDF
21888 18493 1	$\frac{\sqrt{-1+v^2}}{\sin(u) w^2 \pi}$	S	H	R	CDIF
21889 18494 1	$\frac{(\sin(u))^2 w^4}{-1+v^2}$	S	H	R	AB
21890 18495 1	$\sqrt{\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}}}$	S	H	R	R
21891 18496 1	$\frac{(\sin(u))^3 w^6}{(-1+v^2)^{3/2}}$	S	H	R	K
21892 18497 1	$e^{\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}}}$	S	H	R	E

21893	18498	1	$\log \left(\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}} \right)$	S	H	R	L
21894	18499	1	$\arcsin \left(\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}} \right)$	S	H	R	S
21895	18500	1	$\arctan \left(\frac{\sin(u) w^2}{\sqrt{(v-1)(v+1)}} \right)$	S	H	R	T
21896	18501	1	$\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}$	S	H	K	CD
21897	18502	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sqrt[3]{w}}$	S	H	K	CDI
21898	18503	1	$\frac{\sin(u) \sqrt[3]{w} \pi}{\sqrt{-1+v^2}}$	S	H	K	CDF
21899	18504	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sqrt[3]{w} \pi}$	S	H	K	CDIF
21900	18505	1	$\frac{(\sin(u))^2 w^{2/3}}{-1+v^2}$	S	H	K	AB
21901	18506	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	S	H	K	R
21902	18507	1	$\frac{(\sin(u))^3 w}{(-1+v^2)^{3/2}}$	S	H	K	K
21903	18508	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	S	H	K	E
21904	18509	1	$\log \left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	S	H	K	L
21905	18510	1	$\arcsin \left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	S	H	K	S
21906	18511	1	$\arctan \left(\frac{\sin(u) \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	S	H	K	T

21907	18512	1	$\frac{\sin(u) \ln(w)}{\sqrt{-1+v^2}}$	S	H	E	CD
21908	18513	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \ln(w)}$	S	H	E	CDI
21909	18514	1	$\frac{\sin(u) \ln(w) \pi}{\sqrt{-1+v^2}}$	S	H	E	CDF
21910	18515	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \ln(w) \pi}$	S	H	E	CDIF
21911	18516	1	$-\frac{\left(-1+(\cos(u))^2\right)(\ln(w))^2}{-1+v^2}$	S	H	E	AB
21912	18517	1	$\sqrt{\frac{\sin(u) \ln(w)}{\sqrt{-1+v^2}}}$	S	H	E	R
21913	18518	1	$\frac{(\sin(u))^3(\ln(w))^3}{(-1+v^2)^{3/2}}$	S	H	E	K
21914	18519	1	$w^{\frac{\sin(u)}{\sqrt{-1+v^2}}}$	S	H	E	E
21915	18520	1	$\log\left(\frac{\sin(u) \ln(w)}{\sqrt{-1+v^2}}\right)$	S	H	E	L
21916	18521	1	$\arcsin\left(\frac{\sin(u) \ln(w)}{\sqrt{-1+v^2}}\right)$	S	H	E	S
21917	18522	1	$\arctan\left(\frac{\sin(u) \ln(w)}{\sqrt{-1+v^2}}\right)$	S	H	E	T
21918	18523	1	$\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}$	S	H	L	CD
21919	18524	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \operatorname{Exp}(w)}$	S	H	L	CDI
21920	18525	1	$\frac{\sin(u) \operatorname{Exp}(w) \pi}{\sqrt{-1+v^2}}$	S	H	L	CDF

21921	18526	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \operatorname{Exp}(w) \pi}$	S	H	L	CDIF
21922	18527	1	$-\frac{\left(-1+(\cos(u))^2\right)(\operatorname{Exp}(w))^2}{-1+v^2}$	S	H	L	AB
21923	18528	1	$\sqrt{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}}$	S	H	L	R
21924	18529	1	$\frac{(\sin(u))^3(\operatorname{Exp}(w))^3}{(-1+v^2)^{3/2}}$	S	H	L	K
21925	18530	1	$e^{\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}}$	S	H	L	E
21926	18531	1	$\log\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}\right)$	S	H	L	L
21927	18532	1	$\arcsin\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}\right)$	S	H	L	S
21928	18533	1	$\arctan\left(\frac{\sin(u) \operatorname{Exp}(w)}{\sqrt{-1+v^2}}\right)$	S	H	L	T
21929	18534	1	$\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}$	S	H	S	CD
21930	18535	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sin(w)}$	S	H	S	CDI
21931	18536	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt{-1+v^2}}$	S	H	S	CDF
21932	18537	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sin(w) \pi}$	S	H	S	CDIF
21933	18538	1	$\frac{(\sin(u))^2(\sin(w))^2}{-1+v^2}$	S	H	S	AB
21934	18539	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}}$	S	H	S	R

21935	18540	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(-1+v^2)^{3/2}}$	S	H	S	K
21936	18541	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}}$	S	H	S	E
21937	18542	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	S	H	S	L
21938	18543	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	S	H	S	S
21939	18544	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2}}\right)$	S	H	S	T
21940	18545	1	$\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)}$	S	H	T	CD
21941	18546	1	$\frac{\sqrt{-1+v^2} \cos(w)}{\sin(u) \sin(w)}$	S	H	T	CDI
21942	18547	1	$\frac{\sin(u) \sin(w) \pi}{\sqrt{-1+v^2} \cos(w)}$	S	H	T	CDF
21943	18548	1	$\frac{\sqrt{-1+v^2} \cos(w)}{\sin(u) \sin(w) \pi}$	S	H	T	CDIF
21944	18549	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(w))^2 (-1+v^2)}$	S	H	T	AB
21945	18550	1	$\sqrt{\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)}}$	S	H	T	R
21946	18551	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(-1+v^2)^{3/2} (\cos(w))^3}$	S	H	T	K
21947	18552	1	$e^{\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)}}$	S	H	T	E
21948	18553	1	$\log\left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)}\right)$	S	H	T	L
21949	18554	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)}\right)$	S	H	T	S

21950	18555	1	$\arctan \left(\frac{\sin(u) \sin(w)}{\sqrt{-1+v^2} \cos(w)} \right)$	S	H	T	T
21951	18556	1	$\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	S	H	P	CD
21952	18557	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sqrt{1-w^2}}$	S	H	P	CDI
21953	18558	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	S	H	P	CDF
21954	18559	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sqrt{1-w^2} \pi}$	S	H	P	CDIF
21955	18560	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	S	H	P	R
21956	18561	1	$\frac{(\sin(u))^3 (1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	S	H	P	K
21957	18562	1	$e^{\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	S	H	P	E
21958	18563	1	$\log \left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	S	H	P	L
21959	18564	1	$\arcsin \left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	S	H	P	S
21960	18565	1	$\arctan \left(\frac{\sin(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}} \right)$	S	H	P	T
21961	18566	1	$\frac{\sin(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	S	H	H	CD
21962	18567	1	$\frac{\sqrt{-1+v^2}}{\sin(u) \sqrt{-1+w^2}}$	S	H	H	CDI
21963	18568	1	$\frac{\sin(u) \sqrt{-1+w^2} \pi}{\sqrt{-1+v^2}}$	S	H	H	CDF

21964	18569	1	$\frac{\sqrt{-1+v^2}}{\sin(u)\sqrt{-1+w^2}\pi}$	S	H	H	CDIF
21965	18570	1	$\sqrt{\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	S	H	H	R
21966	18571	1	$\frac{(\sin(u))^3(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	S	H	H	K
21967	18572	1	$e^{\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	S	H	H	E
21968	18573	1	$\log\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	S	H	H	L
21969	18574	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	S	H	H	S
21970	18575	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	S	H	H	T
21971	18576	1	$\frac{\tan(u)w}{v}$	T	CD	CD	CD
21972	18576	2	$\frac{\tan(u)w}{v}$	T	CD	CDF	CDF
21973	18576	3	$\frac{\tan(u)w}{v}$	T	CDF	CDF	CD
21974	18577	1	$\frac{v}{\tan(u)w}$	T	CD	CD	CDI
21975	18577	2	$\frac{v}{\tan(u)w}$	T	CD	CDF	CDIF
21976	18577	3	$\frac{v}{\tan(u)w}$	T	CDF	CDF	CDI
21977	18578	1	$\frac{\tan(u)w\pi}{v}$	T	CD	CD	CDF
21978	18578	2	$\frac{\tan(u)w\pi}{v}$	T	CDF	CD	CD
21979	18578	3	$\frac{\tan(u)w\pi}{v}$	T	CDF	CDF	CDF

21980	18579	1	$\frac{v}{\tan(u) w \pi}$	T	CD	CD	CDIF
21981	18579	2	$\frac{v}{\tan(u) w \pi}$	T	CDF	CD	CDI
21982	18579	3	$\frac{v}{\tan(u) w \pi}$	T	CDF	CDF	CDIF
21983	18580	1	$\frac{(\tan(u))^2 w^2}{v^2}$	T	CD	CD	AB
21984	18580	2	$\frac{(\tan(u))^2 w^2}{v^2}$	T	CDF	CDF	AB
21985	18581	1	$\sqrt{\frac{\tan(u) w}{v}}$	T	CD	CD	R
21986	18581	2	$\sqrt{\frac{\tan(u) w}{v}}$	T	CDF	CDF	R
21987	18582	1	$\frac{(\tan(u))^3 w^3}{v^3}$	T	CD	CD	K
21988	18582	2	$\frac{(\tan(u))^3 w^3}{v^3}$	T	CDF	CDF	K
21989	18583	1	$e^{\frac{\tan(u) w}{v}}$	T	CD	CD	E
21990	18583	2	$e^{\frac{\tan(u) w}{v}}$	T	CDF	CDF	E
21991	18584	1	$\log\left(\frac{\tan(u) w}{v}\right)$	T	CD	CD	L
21992	18584	2	$\log\left(\frac{\tan(u) w}{v}\right)$	T	CDF	CDF	L
21993	18585	1	$\arcsin\left(\frac{\tan(u) w}{v}\right)$	T	CD	CD	S
21994	18585	2	$\arcsin\left(\frac{\tan(u) w}{v}\right)$	T	CDF	CDF	S
21995	18586	1	$\arctan\left(\frac{\tan(u) w}{v}\right)$	T	CD	CD	T
21996	18586	2	$\arctan\left(\frac{\tan(u) w}{v}\right)$	T	CDF	CDF	T

21997 18587 1	$\sqrt{-\frac{v^2 + (\tan(u))^2 w^2}{v^2}}$	T	CD	CD	P
21998 18587 2	$\sqrt{-\frac{v^2 + (\tan(u))^2 w^2}{v^2}}$	T	CDF	CDF	P
21999 18588 1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^2}{v^2}}$	T	CD	CD	H
22000 18588 2	$\sqrt{\frac{v^2 + (\tan(u))^2 w^2}{v^2}}$	T	CDF	CDF	H
22001 18589 1	$\frac{\tan(u)}{vw}$	T	CD	CDI	CD
22002 18589 2	$\frac{\tan(u)}{vw}$	T	CD	CDIF	CDF
22003 18589 3	$\frac{\tan(u)}{vw}$	T	CDF	CDIF	CD
22004 18590 1	$\frac{vw}{\tan(u)}$	T	CD	CDI	CDI
22005 18590 2	$\frac{vw}{\tan(u)}$	T	CD	CDIF	CDIF
22006 18590 3	$\frac{vw}{\tan(u)}$	T	CDF	CDIF	CDI
22007 18591 1	$\frac{\tan(u) \pi}{vw}$	T	CD	CDI	CDF
22008 18591 2	$\frac{\tan(u) \pi}{vw}$	T	CDF	CDI	CD
22009 18591 3	$\frac{\tan(u) \pi}{vw}$	T	CDF	CDIF	CDF
22010 18592 1	$\frac{vw}{\tan(u) \pi}$	T	CD	CDI	CDIF
22011 18592 2	$\frac{vw}{\tan(u) \pi}$	T	CDF	CDI	CDI
22012 18592 3	$\frac{vw}{\tan(u) \pi}$	T	CDF	CDIF	CDIF
22013 18593 1	$\frac{(\tan(u))^2}{v^2 w^2}$	T	CD	CDI	AB
22014 18593 2	$\frac{(\tan(u))^2}{v^2 w^2}$	T	CDF	CDIF	AB

22015	18594	1	$\sqrt{\frac{\tan(u)}{vw}}$	T	CD	CDI	R
22016	18594	2	$\sqrt{\frac{\tan(u)}{vw}}$	T	CDF	CDIF	R
22017	18595	1	$\frac{(\tan(u))^3}{v^3w^3}$	T	CD	CDI	K
22018	18595	2	$\frac{(\tan(u))^3}{v^3w^3}$	T	CDF	CDIF	K
22019	18596	1	$e^{\frac{\tan(u)}{vw}}$	T	CD	CDI	E
22020	18596	2	$e^{\frac{\tan(u)}{vw}}$	T	CDF	CDIF	E
22021	18597	1	$\log\left(\frac{\tan(u)}{vw}\right)$	T	CD	CDI	L
22022	18597	2	$\log\left(\frac{\tan(u)}{vw}\right)$	T	CDF	CDIF	L
22023	18598	1	$\arcsin\left(\frac{\tan(u)}{vw}\right)$	T	CD	CDI	S
22024	18598	2	$\arcsin\left(\frac{\tan(u)}{vw}\right)$	T	CDF	CDIF	S
22025	18599	1	$\arctan\left(\frac{\tan(u)}{vw}\right)$	T	CD	CDI	T
22026	18599	2	$\arctan\left(\frac{\tan(u)}{vw}\right)$	T	CDF	CDIF	T
22027	18600	1	$\sqrt{\frac{v^2w^2 - (\tan(u))^2}{v^2w^2}}$	T	CD	CDI	P
22028	18600	2	$\sqrt{\frac{v^2w^2 - (\tan(u))^2}{v^2w^2}}$	T	CDF	CDIF	P
22029	18601	1	$\sqrt{\frac{v^2w^2 + (\tan(u))^2}{v^2w^2}}$	T	CD	CDI	H
22030	18601	2	$\sqrt{\frac{v^2w^2 + (\tan(u))^2}{v^2w^2}}$	T	CDF	CDIF	H

22031	18602	1	$\frac{\tan(u) w}{v\pi}$	T	CD	CDF	CD
22032	18603	1	$\frac{v\pi}{\tan(u) w}$	T	CD	CDF	CDI
22033	18604	1	$\frac{(\tan(u))^2 w^2}{v^2 \pi^2}$	T	CD	CDF	AB
22034	18605	1	$\sqrt{\frac{\tan(u) w}{v\pi}}$	T	CD	CDF	R
22035	18606	1	$\frac{(\tan(u))^3 w^3}{v^3 \pi^3}$	T	CD	CDF	K
22036	18607	1	$e^{\frac{\tan(u) w}{v\pi}}$	T	CD	CDF	E
22037	18608	1	$\log\left(\frac{\tan(u) w}{v\pi}\right)$	T	CD	CDF	L
22038	18609	1	$\arcsin\left(\frac{\tan(u) w}{v\pi}\right)$	T	CD	CDF	S
22039	18610	1	$\arctan\left(\frac{\tan(u) w}{v\pi}\right)$	T	CD	CDF	T
22040	18611	1	$\sqrt{\frac{v^2 \pi^2 - (\tan(u))^2 w^2}{v^2 \pi^2}}$	T	CD	CDF	P
22041	18612	1	$\sqrt{\frac{v^2 \pi^2 + (\tan(u))^2 w^2}{v^2 \pi^2}}$	T	CD	CDF	H
22042	18613	1	$\frac{\tan(u)}{vw\pi}$	T	CD	CDIF	CD
22043	18614	1	$\frac{vw\pi}{\tan(u)}$	T	CD	CDIF	CDI
22044	18615	1	$\frac{(\tan(u))^2}{v^2 w^2 \pi^2}$	T	CD	CDIF	AB
22045	18616	1	$\sqrt{\frac{\tan(u)}{vw\pi}}$	T	CD	CDIF	R

22046	18617	1	$\frac{(\tan(u))^3}{v^3 w^3 \pi^3}$	T	CD	CDIF	K
22047	18618	1	$e^{\frac{\tan(u)}{vw\pi}}$	T	CD	CDIF	E
22048	18619	1	$\log\left(\frac{\tan(u)}{vw\pi}\right)$	T	CD	CDIF	L
22049	18620	1	$\arcsin\left(\frac{\tan(u)}{vw\pi}\right)$	T	CD	CDIF	S
22050	18621	1	$\arctan\left(\frac{\tan(u)}{vw\pi}\right)$	T	CD	CDIF	T
22051	18622	1	$\sqrt{\frac{v^2 w^2 \pi^2 - (\tan(u))^2}{v^2 w^2 \pi^2}}$	T	CD	CDIF	P
22052	18623	1	$\sqrt{\frac{v^2 w^2 \pi^2 + (\tan(u))^2}{v^2 w^2 \pi^2}}$	T	CD	CDIF	H
22053	18624	1	$\frac{\tan(u) \sqrt{w}}{v}$	T	CD	AB	CD
22054	18625	1	$\frac{v}{\tan(u) \sqrt{w}}$	T	CD	AB	CDI
22055	18626	1	$\frac{\tan(u) \sqrt{w\pi}}{v}$	T	CD	AB	CDF
22056	18626	2	$\frac{\tan(u) \sqrt{w\pi}}{v}$	T	CDF	AB	CD
22057	18627	1	$\frac{v}{\tan(u) \sqrt{w\pi}}$	T	CD	AB	CDIF
22058	18627	2	$\frac{v}{\tan(u) \sqrt{w\pi}}$	T	CDF	AB	CDI
22059	18628	1	$\frac{(\tan(u))^2 w}{v^2}$	T	CD	AB	AB
22060	18629	1	$\sqrt{\frac{\tan(u) \sqrt{w}}{v}}$	T	CD	AB	R

22061	18630	1	$\frac{(\tan(u))^3 w^{3/2}}{v^3}$	T	CD	AB	K
22062	18631	1	$e^{\frac{\tan(u)\sqrt{w}}{v}}$	T	CD	AB	E
22063	18632	1	$\log\left(\frac{\tan(u)\sqrt{w}}{v}\right)$	T	CD	AB	L
22064	18633	1	$\arcsin\left(\frac{\tan(u)\sqrt{w}}{v}\right)$	T	CD	AB	S
22065	18634	1	$\arctan\left(\frac{\tan(u)\sqrt{w}}{v}\right)$	T	CD	AB	T
22066	18635	1	$\sqrt{-\frac{-v^2 + (\tan(u))^2 w}{v^2}}$	T	CD	AB	P
22067	18636	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w}{v^2}}$	T	CD	AB	H
22068	18637	1	$\frac{\tan(u) w^2}{v}$	T	CD	R	CD
22069	18638	1	$\frac{v}{\tan(u) w^2}$	T	CD	R	CDI
22070	18639	1	$\frac{\tan(u) w^2 \pi}{v}$	T	CD	R	CDF
22071	18639	2	$\frac{\tan(u) w^2 \pi}{v}$	T	CDF	R	CD
22072	18640	1	$\frac{v}{\tan(u) w^2 \pi}$	T	CD	R	CDIF
22073	18640	2	$\frac{v}{\tan(u) w^2 \pi}$	T	CDF	R	CDI
22074	18641	1	$\frac{(\tan(u))^2 w^4}{v^2}$	T	CD	R	AB
22075	18642	1	$\sqrt{\frac{\tan(u) w^2}{v}}$	T	CD	R	R

22076 18643 1	$\frac{(\tan(u))^3 w^6}{v^3}$	T	CD	R	K
22077 18644 1	$e^{\frac{\tan(u) w^2}{v}}$	T	CD	R	E
22078 18645 1	$\log\left(\frac{\tan(u) w^2}{v}\right)$	T	CD	R	L
22079 18646 1	$\arcsin\left(\frac{\tan(u) w^2}{v}\right)$	T	CD	R	S
22080 18647 1	$\arctan\left(\frac{\tan(u) w^2}{v}\right)$	T	CD	R	T
22081 18648 1	$\sqrt{-\frac{v^2 + (\tan(u))^2 w^4}{v^2}}$	T	CD	R	P
22082 18649 1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^4}{v^2}}$	T	CD	R	H
22083 18650 1	$\frac{\tan(u) \sqrt[3]{w}}{v}$	T	CD	K	CD
22084 18651 1	$\frac{v}{\tan(u) \sqrt[3]{w}}$	T	CD	K	CDI
22085 18652 1	$\frac{\tan(u) \sqrt[3]{w} \pi}{v}$	T	CD	K	CDF
22086 18652 2	$\frac{\tan(u) \sqrt[3]{w} \pi}{v}$	T	CDF	K	CD
22087 18653 1	$\frac{v}{\tan(u) \sqrt[3]{w} \pi}$	T	CD	K	CDIF
22088 18653 2	$\frac{v}{\tan(u) \sqrt[3]{w} \pi}$	T	CDF	K	CDI
22089 18654 1	$\frac{(\tan(u))^2 w^{2/3}}{v^2}$	T	CD	K	AB
22090 18655 1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{v}}$	T	CD	K	R

22091	18656	1	$\frac{(\tan(u))^3 w}{v^3}$	T	CD	K	K
22092	18657	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{v}}$	T	CD	K	E
22093	18658	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{v}\right)$	T	CD	K	L
22094	18659	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{v}\right)$	T	CD	K	S
22095	18660	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{v}\right)$	T	CD	K	T
22096	18661	1	$\sqrt{\frac{v^2 - (\tan(u))^2 w^{2/3}}{v^2}}$	T	CD	K	P
22097	18662	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^{2/3}}{v^2}}$	T	CD	K	H
22098	18663	1	$\frac{\tan(u) \ln(w)}{v}$	T	CD	E	CD
22099	18664	1	$\frac{v}{\tan(u) \ln(w)}$	T	CD	E	CDI
22100	18665	1	$\frac{\tan(u) \ln(w) \pi}{v}$	T	CD	E	CDF
22101	18665	2	$\frac{\tan(u) \ln(w) \pi}{v}$	T	CDF	E	CD
22102	18666	1	$\frac{v}{\tan(u) \ln(w) \pi}$	T	CD	E	CDIF
22103	18666	2	$\frac{v}{\tan(u) \ln(w) \pi}$	T	CDF	E	CDI
22104	18667	1	$\frac{(\tan(u))^2 (\ln(w))^2}{v^2}$	T	CD	E	AB
22105	18668	1	$\sqrt{\frac{\tan(u) \ln(w)}{v}}$	T	CD	E	R

22106	18669	1	$\frac{(\tan(u))^3 (\ln(w))^3}{v^3}$	T	CD	E	K
22107	18670	1	$w^{\frac{\tan(u)}{v}}$	T	CD	E	E
22108	18671	1	$\log\left(\frac{\tan(u) \ln(w)}{v}\right)$	T	CD	E	L
22109	18672	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{v}\right)$	T	CD	E	S
22110	18673	1	$\arctan\left(\frac{\tan(u) \ln(w)}{v}\right)$	T	CD	E	T
22111	18674	1	$\sqrt{\frac{v^2 - (\tan(u))^2 (\ln(w))^2}{v^2}}$	T	CD	E	P
22112	18675	1	$\sqrt{\frac{v^2 + (\tan(u))^2 (\ln(w))^2}{v^2}}$	T	CD	E	H
22113	18676	1	$\frac{\tan(u) \text{Exp}(w)}{v}$	T	CD	L	CD
22114	18677	1	$\frac{v}{\tan(u) \text{Exp}(w)}$	T	CD	L	CDI
22115	18678	1	$\frac{\tan(u) \text{Exp}(w) \pi}{v}$	T	CD	L	CDF
22116	18678	2	$\frac{\tan(u) \text{Exp}(w) \pi}{v}$	T	CDF	L	CD
22117	18679	1	$\frac{v}{\tan(u) \text{Exp}(w) \pi}$	T	CD	L	CDIF
22118	18679	2	$\frac{v}{\tan(u) \text{Exp}(w) \pi}$	T	CDF	L	CDI
22119	18680	1	$\frac{(\tan(u))^2 (\text{Exp}(w))^2}{v^2}$	T	CD	L	AB
22120	18681	1	$\sqrt{\frac{\tan(u) \text{Exp}(w)}{v}}$	T	CD	L	R

22121	18682	1	$\frac{(\tan(u))^3 (Exp(w))^3}{v^3}$	T	CD	L	K
22122	18683	1	$e^{\frac{\tan(u)Exp(w)}{v}}$	T	CD	L	E
22123	18684	1	$\log\left(\frac{\tan(u)Exp(w)}{v}\right)$	T	CD	L	L
22124	18685	1	$\arcsin\left(\frac{\tan(u)Exp(w)}{v}\right)$	T	CD	L	S
22125	18686	1	$\arctan\left(\frac{\tan(u)Exp(w)}{v}\right)$	T	CD	L	T
22126	18687	1	$\sqrt{\frac{v^2 - (\tan(u))^2 (Exp(w))^2}{v^2}}$	T	CD	L	P
22127	18688	1	$\sqrt{\frac{v^2 + (\tan(u))^2 (Exp(w))^2}{v^2}}$	T	CD	L	H
22128	18689	1	$\frac{\sin(u)\sin(w)}{\cos(u)v}$	T	CD	S	CD
22129	18690	1	$\frac{\cos(u)v}{\sin(u)\sin(w)}$	T	CD	S	CDI
22130	18691	1	$\frac{\sin(u)\sin(w)\pi}{\cos(u)v}$	T	CD	S	CDF
22131	18691	2	$\frac{\sin(u)\sin(w)\pi}{\cos(u)v}$	T	CDF	S	CD
22132	18692	1	$\frac{\cos(u)v}{\sin(u)\sin(w)\pi}$	T	CD	S	CDIF
22133	18692	2	$\frac{\cos(u)v}{\sin(u)\sin(w)\pi}$	T	CDF	S	CDI
22134	18693	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^2 (\cos(u))^2}$	T	CD	S	AB
22135	18694	1	$\sqrt{\frac{\sin(u)\sin(w)}{\cos(u)v}}$	T	CD	S	R

22136	18695	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v^3}$	T	CD	S	K
22137	18696	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) v}}$	T	CD	S	E
22138	18697	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) v}\right)$	T	CD	S	L
22139	18698	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) v}\right)$	T	CD	S	S
22140	18699	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) v}\right)$	T	CD	S	T
22141	18700	1	$\sqrt{\frac{v^2 (\cos(u))^2 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(u))^2}}$	T	CD	S	P
22142	18701	1	$\sqrt{\frac{v^2 (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2 - (\cos(u))^2 - (\cos(w))^2 + 1}{v^2 (\cos(u))^2}}$	T	CD	S	H
22143	18702	1	$\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}$	T	CD	T	CD
22144	18703	1	$\frac{\cos(u) v \cos(w)}{\sin(u) \sin(w)}$	T	CD	T	CDI
22145	18704	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)}$	T	CD	T	CDF
22146	18704	2	$\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)}$	T	CDF	T	CD
22147	18705	1	$\frac{\cos(u) v \cos(w)}{\sin(u) \sin(w) \pi}$	T	CD	T	CDIF
22148	18705	2	$\frac{\cos(u) v \cos(w)}{\sin(u) \sin(w) \pi}$	T	CDF	T	CDI
22149	18706	1	$\frac{(\sin(u))^2 (\sin(w))^2}{v^2 (\cos(u))^2 (\cos(w))^2}$	T	CD	T	AB
22150	18707	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}}$	T	CD	T	R

22151	18708	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v^3 (\cos(w))^3}$	T	CD	T	K
22152	18709	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}}$	T	CD	T	E
22153	18710	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}\right)$	T	CD	T	L
22154	18711	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}\right)$	T	CD	T	S
22155	18712	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) v \cos(w)}\right)$	T	CD	T	T
22156	18713	1	$\sqrt{\frac{v^2 (\cos(u))^2 (\cos(w))^2 - (\cos(u))^2 (\cos(w))^2 + (\cos(u))^2 + (\cos(w))^2 - 1}{v^2 (\cos(u))^2 (\cos(w))^2}}$	T	CD	T	P
22157	18714	1	$\sqrt{\frac{v^2 (\cos(u))^2 (\cos(w))^2 + (\cos(u))^2 (\cos(w))^2 - (\cos(u))^2 - (\cos(w))^2 + 1}{v^2 (\cos(u))^2 (\cos(w))^2}}$	T	CD	T	H
22158	18715	1	$\frac{\tan(u) \sqrt{1-w^2}}{v}$	T	CD	P	CD
22159	18716	1	$\frac{v}{\tan(u) \sqrt{1-w^2}}$	T	CD	P	CDI
22160	18717	1	$\frac{\tan(u) \sqrt{1-w^2} \pi}{v}$	T	CD	P	CDF
22161	18717	2	$\frac{\tan(u) \sqrt{1-w^2} \pi}{v}$	T	CDF	P	CD
22162	18718	1	$\frac{v}{\tan(u) \sqrt{1-w^2} \pi}$	T	CD	P	CDIF
22163	18718	2	$\frac{v}{\tan(u) \sqrt{1-w^2} \pi}$	T	CDF	P	CDI
22164	18719	1	$-\frac{(\tan(u))^2 (-1+w^2)}{v^2}$	T	CD	P	AB
22165	18720	1	$\sqrt{\frac{\tan(u) \sqrt{1-w^2}}{v}}$	T	CD	P	R

22166	18721	1	$\frac{(\tan(u))^3 (1-w^2)^{3/2}}{v^3}$	T	CD	P	K
22167	18722	1	$e^{\frac{\tan(u)\sqrt{1-w^2}}{v}}$	T	CD	P	E
22168	18723	1	$\log\left(\frac{\tan(u)\sqrt{1-w^2}}{v}\right)$	T	CD	P	L
22169	18724	1	$\arcsin\left(\frac{\tan(u)\sqrt{1-w^2}}{v}\right)$	T	CD	P	S
22170	18725	1	$\arctan\left(\frac{\tan(u)\sqrt{1-w^2}}{v}\right)$	T	CD	P	T
22171	18726	1	$\sqrt{\frac{v^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^2}}$	T	CD	P	P
22172	18726	2	$\sqrt{\frac{v^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^2}}$	T	CD	H	H
22173	18727	1	$\sqrt{-\frac{-v^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^2}}$		CD	P	H
22174	18727	2	$\sqrt{-\frac{-v^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^2}}$		CD	H	P
22175	18728	1	$\frac{\tan(u)\sqrt{-1+w^2}}{v}$	T	CD	H	CD
22176	18729	1	$\frac{v}{\tan(u)\sqrt{-1+w^2}}$	T	CD	H	CDI
22177	18730	1	$\frac{\tan(u)\sqrt{-1+w^2}\pi}{v}$	T	CD	H	CDF
22178	18730	2	$\frac{\tan(u)\sqrt{-1+w^2}\pi}{v}$	T	CDF	H	CD
22179	18731	1	$\frac{v}{\tan(u)\sqrt{-1+w^2}\pi}$	T	CD	H	CDIF
22180	18731	2	$\frac{v}{\tan(u)\sqrt{-1+w^2}\pi}$	T	CDF	H	CDI

22181	18732	1	$\frac{(\tan(u))^2(-1+w^2)}{v^2}$	T	CD	H	AB
22182	18733	1	$\sqrt{\frac{\tan(u)\sqrt{-1+w^2}}{v}}$	T	CD	H	R
22183	18734	1	$\frac{(\tan(u))^3(-1+w^2)^{3/2}}{v^3}$	T	CD	H	K
22184	18735	1	$e^{\frac{\tan(u)\sqrt{-1+w^2}}{v}}$	T	CD	H	E
22185	18736	1	$\log\left(\frac{\tan(u)\sqrt{-1+w^2}}{v}\right)$	T	CD	H	L
22186	18737	1	$\arcsin\left(\frac{\tan(u)\sqrt{-1+w^2}}{v}\right)$	T	CD	H	S
22187	18738	1	$\arctan\left(\frac{\tan(u)\sqrt{-1+w^2}}{v}\right)$	T	CD	H	T
22188	18739	1	$\tan(u)vw$	T	CDI	CD	CD
22189	18739	2	$\tan(u)vw$	T	CDI	CDF	CDF
22190	18739	3	$\tan(u)vw$	T	CDIF	CDF	CD
22191	18740	1	$\frac{1}{\tan(u)vw}$	T	CDI	CD	CDI
22192	18740	2	$\frac{1}{\tan(u)vw}$	T	CDI	CDF	CDIF
22193	18740	3	$\frac{1}{\tan(u)vw}$	T	CDIF	CDF	CDI
22194	18741	1	$\tan(u)vw\pi$	T	CDI	CD	CDF
22195	18741	2	$\tan(u)vw\pi$	T	CDIF	CD	CD
22196	18741	3	$\tan(u)vw\pi$	T	CDIF	CDF	CDF
22197	18742	1	$\frac{1}{\tan(u)vw\pi}$	T	CDI	CD	CDIF
22198	18742	2	$\frac{1}{\tan(u)vw\pi}$	T	CDIF	CD	CDI

22199	18742	3	$\frac{1}{\tan(u)vw\pi}$	T	CDIF	CDF	CDIF
22200	18743	1	$(\tan(u))^2 v^2 w^2$	T	CDI	CD	AB
22201	18743	2	$(\tan(u))^2 v^2 w^2$	T	CDIF	CDF	AB
22202	18744	1	$\sqrt{\tan(u)vw}$	T	CDI	CD	R
22203	18744	2	$\sqrt{\tan(u)vw}$	T	CDIF	CDF	R
22204	18745	1	$(\tan(u))^3 v^3 w^3$	T	CDI	CD	K
22205	18745	2	$(\tan(u))^3 v^3 w^3$	T	CDIF	CDF	K
22206	18746	1	$e^{\tan(u)vw}$	T	CDI	CD	E
22207	18746	2	$e^{\tan(u)vw}$	T	CDIF	CDF	E
22208	18747	1	$\log(\tan(u)vw)$	T	CDI	CD	L
22209	18747	2	$\log(\tan(u)vw)$	T	CDIF	CDF	L
22210	18748	1	$\arcsin(\tan(u)vw)$	T	CDI	CD	S
22211	18748	2	$\arcsin(\tan(u)vw)$	T	CDIF	CDF	S
22212	18749	1	$\arctan(\tan(u)vw)$	T	CDI	CD	T
22213	18749	2	$\arctan(\tan(u)vw)$	T	CDIF	CDF	T
22214	18750	1	$\sqrt{1 - (\tan(u))^2 v^2 w^2}$	T	CDI	CD	P
22215	18750	2	$\sqrt{1 - (\tan(u))^2 v^2 w^2}$	T	CDIF	CDF	P
22216	18751	1	$\sqrt{1 + (\tan(u))^2 v^2 w^2}$	T	CDI	CD	H
22217	18751	2	$\sqrt{1 + (\tan(u))^2 v^2 w^2}$	T	CDIF	CDF	H
22218	18752	1	$\frac{\tan(u)v}{w}$	T	CDI	CDI	CD
22219	18752	2	$\frac{\tan(u)v}{w}$	T	CDI	CDIF	CDF

22220	18752	3	$\frac{\tan(u) v}{w}$	T	CDIF	CDIF	CD
22221	18753	1	$\frac{w}{\tan(u) v}$	T	CDI	CDI	CDI
22222	18753	2	$\frac{w}{\tan(u) v}$	T	CDI	CDIF	CDIF
22223	18753	3	$\frac{w}{\tan(u) v}$	T	CDIF	CDIF	CDI
22224	18754	1	$\frac{\tan(u) v \pi}{w}$	T	CDI	CDI	CDF
22225	18754	2	$\frac{\tan(u) v \pi}{w}$	T	CDIF	CDI	CD
22226	18754	3	$\frac{\tan(u) v \pi}{w}$	T	CDIF	CDIF	CDF
22227	18755	1	$\frac{w}{\tan(u) v \pi}$	T	CDI	CDI	CDIF
22228	18755	2	$\frac{w}{\tan(u) v \pi}$	T	CDIF	CDI	CDI
22229	18755	3	$\frac{w}{\tan(u) v \pi}$	T	CDIF	CDIF	CDIF
22230	18756	1	$\frac{(\tan(u))^2 v^2}{w^2}$	T	CDI	CDI	AB
22231	18756	2	$\frac{(\tan(u))^2 v^2}{w^2}$	T	CDIF	CDIF	AB
22232	18757	1	$\sqrt{\frac{\tan(u) v}{w}}$	T	CDI	CDI	R
22233	18757	2	$\sqrt{\frac{\tan(u) v}{w}}$	T	CDIF	CDIF	R
22234	18758	1	$\frac{(\tan(u))^3 v^3}{w^3}$	T	CDI	CDI	K
22235	18758	2	$\frac{(\tan(u))^3 v^3}{w^3}$	T	CDIF	CDIF	K
22236	18759	1	$e^{\frac{\tan(u) v}{w}}$	T	CDI	CDI	E
22237	18759	2	$e^{\frac{\tan(u) v}{w}}$	T	CDIF	CDIF	E

22238	18760	1	$\log \left(\frac{\tan(u) v}{w} \right)$	T	CDI	CDI	L
22239	18760	2	$\log \left(\frac{\tan(u) v}{w} \right)$	T	CDIF	CDIF	L
22240	18761	1	$\arcsin \left(\frac{\tan(u) v}{w} \right)$	T	CDI	CDI	S
22241	18761	2	$\arcsin \left(\frac{\tan(u) v}{w} \right)$	T	CDIF	CDIF	S
22242	18762	1	$\arctan \left(\frac{\tan(u) v}{w} \right)$	T	CDI	CDI	T
22243	18762	2	$\arctan \left(\frac{\tan(u) v}{w} \right)$	T	CDIF	CDIF	T
22244	18763	1	$\sqrt{\frac{w^2 - (\tan(u))^2 v^2}{w^2}}$	T	CDI	CDI	P
22245	18763	2	$\sqrt{\frac{w^2 - (\tan(u))^2 v^2}{w^2}}$	T	CDIF	CDIF	P
22246	18764	1	$\sqrt{\frac{w^2 + (\tan(u))^2 v^2}{w^2}}$	T	CDI	CDI	H
22247	18764	2	$\sqrt{\frac{w^2 + (\tan(u))^2 v^2}{w^2}}$	T	CDIF	CDIF	H
22248	18765	1	$\frac{\tan(u) v w}{\pi}$	T	CDI	CDF	CD
22249	18766	1	$\frac{\pi}{\tan(u) v w}$	T	CDI	CDF	CDI
22250	18767	1	$\frac{(\tan(u))^2 v^2 w^2}{\pi^2}$	T	CDI	CDF	AB
22251	18768	1	$\sqrt{\frac{\tan(u) v w}{\pi}}$	T	CDI	CDF	R
22252	18769	1	$\frac{(\tan(u))^3 v^3 w^3}{\pi^3}$	T	CDI	CDF	K
22253	18770	1	$e^{\frac{\tan(u) v w}{\pi}}$	T	CDI	CDF	E

22254	18771	1	$\log\left(\frac{\tan(u)vw}{\pi}\right)$	T	CDI	CDF	L
22255	18772	1	$\arcsin\left(\frac{\tan(u)vw}{\pi}\right)$	T	CDI	CDF	S
22256	18773	1	$\arctan\left(\frac{\tan(u)vw}{\pi}\right)$	T	CDI	CDF	T
22257	18774	1	$\sqrt{\frac{\pi^2 - (\tan(u))^2 v^2 w^2}{\pi^2}}$	T	CDI	CDF	P
22258	18775	1	$\sqrt{\frac{\pi^2 + (\tan(u))^2 v^2 w^2}{\pi^2}}$	T	CDI	CDF	H
22259	18776	1	$\frac{\tan(u)v}{w\pi}$	T	CDI	CDIF	CD
22260	18777	1	$\frac{w\pi}{\tan(u)v}$	T	CDI	CDIF	CDI
22261	18778	1	$\frac{(\tan(u))^2 v^2}{w^2 \pi^2}$	T	CDI	CDIF	AB
22262	18779	1	$\sqrt{\frac{\tan(u)v}{w\pi}}$	T	CDI	CDIF	R
22263	18780	1	$\frac{(\tan(u))^3 v^3}{w^3 \pi^3}$	T	CDI	CDIF	K
22264	18781	1	$e^{\frac{\tan(u)v}{w\pi}}$	T	CDI	CDIF	E
22265	18782	1	$\log\left(\frac{\tan(u)v}{w\pi}\right)$	T	CDI	CDIF	L
22266	18783	1	$\arcsin\left(\frac{\tan(u)v}{w\pi}\right)$	T	CDI	CDIF	S
22267	18784	1	$\arctan\left(\frac{\tan(u)v}{w\pi}\right)$	T	CDI	CDIF	T

22268	18785	1	$\sqrt{\frac{w^2\pi^2 - (\tan(u))^2 v^2}{w^2\pi^2}}$	T	CDI	CDIF	P
22269	18786	1	$\sqrt{\frac{w^2\pi^2 + (\tan(u))^2 v^2}{w^2\pi^2}}$	T	CDI	CDIF	H
22270	18787	1	$\tan(u) v\sqrt{w}$	T	CDI	AB	CD
22271	18788	1	$\frac{1}{\tan(u) v\sqrt{w}}$	T	CDI	AB	CDI
22272	18789	1	$\tan(u) v\sqrt{w}\pi$	T	CDI	AB	CDF
22273	18789	2	$\tan(u) v\sqrt{w}\pi$	T	CDIF	AB	CD
22274	18790	1	$\frac{1}{\tan(u) v\sqrt{w}\pi}$	T	CDI	AB	CDIF
22275	18790	2	$\frac{1}{\tan(u) v\sqrt{w}\pi}$	T	CDIF	AB	CDI
22276	18791	1	$(\tan(u))^2 v^2 w$	T	CDI	AB	AB
22277	18792	1	$\sqrt{\tan(u) v\sqrt{w}}$	T	CDI	AB	R
22278	18793	1	$(\tan(u))^3 v^3 w^{3/2}$	T	CDI	AB	K
22279	18794	1	$e^{\tan(u) v\sqrt{w}}$	T	CDI	AB	E
22280	18795	1	$\log(\tan(u) v\sqrt{w})$	T	CDI	AB	L
22281	18796	1	$\arcsin(\tan(u) v\sqrt{w})$	T	CDI	AB	S
22282	18797	1	$\arctan(\tan(u) v\sqrt{w})$	T	CDI	AB	T
22283	18798	1	$\sqrt{1 - (\tan(u))^2 v^2 w}$	T	CDI	AB	P

22284	18799	1	$\sqrt{1 + (\tan(u))^2 v^2 w}$	T	CDI	AB	H
22285	18800	1	$\tan(u) v w^2$	T	CDI	R	CD
22286	18801	1	$\frac{1}{\tan(u) v w^2}$	T	CDI	R	CDI
22287	18802	1	$\tan(u) v w^2 \pi$	T	CDI	R	CDF
22288	18802	2	$\tan(u) v w^2 \pi$	T	CDIF	R	CD
22289	18803	1	$\frac{1}{\tan(u) v w^2 \pi}$	T	CDI	R	CDIF
22290	18803	2	$\frac{1}{\tan(u) v w^2 \pi}$	T	CDIF	R	CDI
22291	18804	1	$(\tan(u))^2 v^2 w^4$	T	CDI	R	AB
22292	18805	1	$\sqrt{\tan(u) v w^2}$	T	CDI	R	R
22293	18806	1	$(\tan(u))^3 v^3 w^6$	T	CDI	R	K
22294	18807	1	$e^{\tan(u) v w^2}$	T	CDI	R	E
22295	18808	1	$\log(\tan(u) v w^2)$	T	CDI	R	L
22296	18809	1	$\arcsin(\tan(u) v w^2)$	T	CDI	R	S
22297	18810	1	$\arctan(\tan(u) v w^2)$	T	CDI	R	T
22298	18811	1	$\sqrt{1 - (\tan(u))^2 v^2 w^4}$	T	CDI	R	P
22299	18812	1	$\sqrt{1 + (\tan(u))^2 v^2 w^4}$	T	CDI	R	H
22300	18813	1	$\tan(u) v \sqrt[3]{w}$	T	CDI	K	CD

22301	18814	1	$\frac{1}{\tan(u) v \sqrt[3]{w}}$	T	CDI	K	CDI
22302	18815	1	$\tan(u) v \sqrt[3]{w} \pi$	T	CDI	K	CDF
22303	18815	2	$\tan(u) v \sqrt[3]{w} \pi$	T	CDIF	K	CD
22304	18816	1	$\frac{1}{\tan(u) v \sqrt[3]{w} \pi}$	T	CDI	K	CDIF
22305	18816	2	$\frac{1}{\tan(u) v \sqrt[3]{w} \pi}$	T	CDIF	K	CDI
22306	18817	1	$(\tan(u))^2 v^2 w^{2/3}$	T	CDI	K	AB
22307	18818	1	$\sqrt{\tan(u) v \sqrt[3]{w}}$	T	CDI	K	R
22308	18819	1	$(\tan(u))^3 v^3 w$	T	CDI	K	K
22309	18820	1	$e^{\tan(u) v \sqrt[3]{w}}$	T	CDI	K	E
22310	18821	1	$\log(\tan(u) v \sqrt[3]{w})$	T	CDI	K	L
22311	18822	1	$\arcsin(\tan(u) v \sqrt[3]{w})$	T	CDI	K	S
22312	18823	1	$\arctan(\tan(u) v \sqrt[3]{w})$	T	CDI	K	T
22313	18824	1	$\sqrt{1 - (\tan(u))^2 v^2 w^{2/3}}$	T	CDI	K	P
22314	18825	1	$\sqrt{1 + (\tan(u))^2 v^2 w^{2/3}}$	T	CDI	K	H
22315	18826	1	$\tan(u) v \ln(w)$	T	CDI	E	CD
22316	18827	1	$\frac{1}{\tan(u) v \ln(w)}$	T	CDI	E	CDI
22317	18828	1	$\tan(u) v \ln(w) \pi$	T	CDI	E	CDF

22318	18828	2	$\tan(u) v \ln(w) \pi$	T	CDIF	E	CD
22319	18829	1	$\frac{1}{\tan(u) v \ln(w) \pi}$	T	CDI	E	CDIF
22320	18829	2	$\frac{1}{\tan(u) v \ln(w) \pi}$	T	CDIF	E	CDI
22321	18830	1	$(\tan(u))^2 v^2 (\ln(w))^2$	T	CDI	E	AB
22322	18831	1	$\sqrt{\tan(u) v \ln(w)}$	T	CDI	E	R
22323	18832	1	$(\tan(u))^3 v^3 (\ln(w))^3$	T	CDI	E	K
22324	18833	1	$w^{\tan(u)v}$	T	CDI	E	E
22325	18834	1	$\log(\tan(u) v \ln(w))$	T	CDI	E	L
22326	18835	1	$\arcsin(\tan(u) v \ln(w))$	T	CDI	E	S
22327	18836	1	$\arctan(\tan(u) v \ln(w))$	T	CDI	E	T
22328	18837	1	$\sqrt{1 - (\tan(u))^2 v^2 (\ln(w))^2}$	T	CDI	E	P
22329	18838	1	$\sqrt{1 + (\tan(u))^2 v^2 (\ln(w))^2}$	T	CDI	E	H
22330	18839	1	$\tan(u) v \exp(w)$	T	CDI	L	CD
22331	18840	1	$\frac{1}{\tan(u) v \exp(w)}$	T	CDI	L	CDI
22332	18841	1	$\tan(u) v \exp(w) \pi$	T	CDI	L	CDF
22333	18841	2	$\tan(u) v \exp(w) \pi$	T	CDIF	L	CD
22334	18842	1	$\frac{1}{\tan(u) v \exp(w) \pi}$	T	CDI	L	CDIF

22335	18842	2	$\frac{1}{\tan(u) v \exp(w) \pi}$	T	CDIF	L	CDI
22336	18843	1	$(\tan(u))^2 v^2 (\exp(w))^2$	T	CDI	L	AB
22337	18844	1	$\sqrt{\tan(u) v \exp(w)}$	T	CDI	L	R
22338	18845	1	$(\tan(u))^3 v^3 (\exp(w))^3$	T	CDI	L	K
22339	18846	1	$e^{\tan(u) v \exp(w)}$	T	CDI	L	E
22340	18847	1	$\log(\tan(u) v \exp(w))$	T	CDI	L	L
22341	18848	1	$\arcsin(\tan(u) v \exp(w))$	T	CDI	L	S
22342	18849	1	$\arctan(\tan(u) v \exp(w))$	T	CDI	L	T
22343	18850	1	$\sqrt{1 - (\tan(u))^2 v^2 (\exp(w))^2}$	T	CDI	L	P
22344	18851	1	$\sqrt{1 + (\tan(u))^2 v^2 (\exp(w))^2}$	T	CDI	L	H
22345	18852	1	$\frac{\sin(u) v \sin(w)}{\cos(u)}$	T	CDI	S	CD
22346	18853	1	$\frac{\cos(u)}{\sin(u) v \sin(w)}$	T	CDI	S	CDI
22347	18854	1	$\frac{\sin(u) v \sin(w) \pi}{\cos(u)}$	T	CDI	S	CDF
22348	18854	2	$\frac{\sin(u) v \sin(w) \pi}{\cos(u)}$	T	CDIF	S	CD
22349	18855	1	$\frac{\cos(u)}{\sin(u) v \sin(w) \pi}$	T	CDI	S	CDIF
22350	18855	2	$\frac{\cos(u)}{\sin(u) v \sin(w) \pi}$	T	CDIF	S	CDI

22351	18856	1	$\frac{(\sin(u))^2 v^2 (\sin(w))^2}{(\cos(u))^2}$	T	CDI	S	AB
22352	18857	1	$\sqrt{\frac{\sin(u) v \sin(w)}{\cos(u)}}$	T	CDI	S	R
22353	18858	1	$\frac{(\sin(u))^3 v^3 (\sin(w))^3}{(\cos(u))^3}$	T	CDI	S	K
22354	18859	1	$e^{\frac{\sin(u) v \sin(w)}{\cos(u)}}$	T	CDI	S	E
22355	18860	1	$\log\left(\frac{\sin(u) v \sin(w)}{\cos(u)}\right)$	T	CDI	S	L
22356	18861	1	$\arcsin\left(\frac{\sin(u) v \sin(w)}{\cos(u)}\right)$	T	CDI	S	S
22357	18862	1	$\arctan\left(\frac{\sin(u) v \sin(w)}{\cos(u)}\right)$	T	CDI	S	T
22358	18863	1	$\sqrt{\frac{-(\cos(u))^2 + v^2 - v^2 (\cos(w))^2 - v^2 (\cos(u))^2 + v^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2}}$	T	CDI	S	P
22359	18864	1	$\sqrt{\frac{(\cos(u))^2 + v^2 - v^2 (\cos(w))^2 - v^2 (\cos(u))^2 + v^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2}}$	T	CDI	S	H
22360	18865	1	$\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}$	T	CDI	T	CD
22361	18866	1	$\frac{\cos(u) \cos(w)}{\sin(u) v \sin(w)}$	T	CDI	T	CDI
22362	18867	1	$\frac{\sin(u) v \sin(w) \pi}{\cos(u) \cos(w)}$	T	CDI	T	CDF
22363	18867	2	$\frac{\sin(u) v \sin(w) \pi}{\cos(u) \cos(w)}$	T	CDIF	T	CD
22364	18868	1	$\frac{\cos(u) \cos(w)}{\sin(u) v \sin(w) \pi}$	T	CDI	T	CDIF
22365	18868	2	$\frac{\cos(u) \cos(w)}{\sin(u) v \sin(w) \pi}$	T	CDIF	T	CDI

22366	18869	1	$\frac{(\sin(u))^2 v^2 (\sin(w))^2}{(\cos(u))^2 (\cos(w))^2}$	T	CDI	T	AB
22367	18870	1	$\sqrt{\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}}$	T	CDI	T	R
22368	18871	1	$\frac{(\sin(u))^3 v^3 (\sin(w))^3}{(\cos(u))^3 (\cos(w))^3}$	T	CDI	T	K
22369	18872	1	$e^{\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}}$	T	CDI	T	E
22370	18873	1	$\log\left(\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}\right)$	T	CDI	T	L
22371	18874	1	$\arcsin\left(\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}\right)$	T	CDI	T	S
22372	18875	1	$\arctan\left(\frac{\sin(u) v \sin(w)}{\cos(u) \cos(w)}\right)$	T	CDI	T	T
22373	18876	1	$\sqrt{\frac{-(\cos(u))^2 (\cos(w))^2 + v^2 - v^2 (\cos(w))^2 - v^2 (\cos(u))^2 + v^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\cos(w))^2}}$	T	CDI	P	P
22374	18877	1	$\sqrt{\frac{(\cos(u))^2 (\cos(w))^2 + v^2 - v^2 (\cos(w))^2 - v^2 (\cos(u))^2 + v^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\cos(w))^2}}$	T	CDI	T	H
22375	18878	1	$\tan(u) v \sqrt{1 - w^2}$	T	CDI	P	CD
22376	18879	1	$\frac{1}{\tan(u) v \sqrt{1 - w^2}}$	T	CDI	P	CDI
22377	18880	1	$\tan(u) v \sqrt{1 - w^2} \pi$	T	CDI	P	CDF
22378	18880	2	$\tan(u) v \sqrt{1 - w^2} \pi$	T	CDIF	P	CD
22379	18881	1	$\frac{1}{\tan(u) v \sqrt{1 - w^2} \pi}$	T	CDI	P	CDIF
22380	18881	2	$\frac{1}{\tan(u) v \sqrt{1 - w^2} \pi}$	T	CDIF	P	CDI
22381	18882	1	$-(\tan(u))^2 v^2 (-1 + w^2)$	T	CDI	P	AB

22382	18883	1	$\sqrt{\tan(u) v \sqrt{1-w^2}}$	T	CDI	P	R
22383	18884	1	$(\tan(u))^3 v^3 (1-w^2)^{3/2}$	T	CDI	P	K
22384	18885	1	$e^{\tan(u) v \sqrt{1-w^2}}$	T	CDI	P	E
22385	18886	1	$\log\left(\tan(u) v \sqrt{1-w^2}\right)$	T	CDI	P	L
22386	18887	1	$\arcsin\left(\tan(u) v \sqrt{1-w^2}\right)$	T	CDI	P	S
22387	18888	1	$\arctan\left(\tan(u) v \sqrt{1-w^2}\right)$	T	CDI	P	T
22388	18889	1	$\sqrt{1 - (\tan(u))^2 v^2 + (\tan(u))^2 v^2 \mathcal{H}^2}$	CDI	P	P	
22389	18889	2	$\sqrt{1 - (\tan(u))^2 v^2 + (\tan(u))^2 v^2 \mathcal{H}^2}$	CDI	H	H	
22390	18890	1	$\sqrt{1 + (\tan(u))^2 v^2 - (\tan(u))^2 v^2 \mathcal{H}^2}$	CDI	P	H	
22391	18890	2	$\sqrt{1 + (\tan(u))^2 v^2 - (\tan(u))^2 v^2 \mathcal{H}^2}$	CDI	H	P	
22392	18891	1	$\tan(u) v \sqrt{-1+w^2}$	T	CDI	H	CD
22393	18892	1	$\frac{1}{\tan(u) v \sqrt{-1+w^2}}$	T	CDI	H	CDI
22394	18893	1	$\tan(u) v \sqrt{-1+w^2} \pi$	T	CDI	H	CDF
22395	18893	2	$\tan(u) v \sqrt{-1+w^2} \pi$	T	CDIF	H	CD
22396	18894	1	$\frac{1}{\tan(u) v \sqrt{-1+w^2} \pi}$	T	CDI	H	CDIF
22397	18894	2	$\frac{1}{\tan(u) v \sqrt{-1+w^2} \pi}$	T	CDIF	H	CDI
22398	18895	1	$(\tan(u))^2 v^2 (-1+w^2)$	T	CDI	H	AB

22399	18896	1	$\sqrt{\tan(u) v \sqrt{-1+w^2}}$	T	CDI	H	R
22400	18897	1	$(\tan(u))^3 v^3 (-1+w^2)^{3/2}$	T	CDI	H	K
22401	18898	1	$e^{\tan(u) v \sqrt{-1+w^2}}$	T	CDI	H	E
22402	18899	1	$\log\left(\tan(u) v \sqrt{-1+w^2}\right)$	T	CDI	H	L
22403	18900	1	$\arcsin\left(\tan(u) v \sqrt{-1+w^2}\right)$	T	CDI	H	S
22404	18901	1	$\arctan\left(\tan(u) v \sqrt{-1+w^2}\right)$	T	CDI	H	T
22405	18902	1	$\frac{\tan(u) w \pi^2}{v}$	T	CDF	CD	CDF
22406	18903	1	$\frac{v}{\tan(u) w \pi^2}$	T	CDF	CD	CDIF
22407	18904	1	$\frac{(\tan(u))^2 w^2 \pi^2}{v^2}$	T	CDF	CD	AB
22408	18905	1	$\sqrt{\frac{\tan(u) w \pi}{v}}$	T	CDF	CD	R
22409	18906	1	$\frac{(\tan(u))^3 w^3 \pi^3}{v^3}$	T	CDF	CD	K
22410	18907	1	$e^{\frac{\tan(u) w \pi}{v}}$	T	CDF	CD	E
22411	18908	1	$\log\left(\frac{\tan(u) w \pi}{v}\right)$	T	CDF	CD	L
22412	18909	1	$\arcsin\left(\frac{\tan(u) w \pi}{v}\right)$	T	CDF	CD	S
22413	18910	1	$\arctan\left(\frac{\tan(u) w \pi}{v}\right)$	T	CDF	CD	T

22414	18911	1	$\sqrt{-\frac{-v^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	CD	P
22415	18912	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	CD	H
22416	18913	1	$\frac{\tan(u) \pi^2}{vw}$	T	CDF	CDI	CDF
22417	18914	1	$\frac{vw}{\tan(u) \pi^2}$	T	CDF	CDI	CDIF
22418	18915	1	$\frac{(\tan(u))^2 \pi^2}{v^2 w^2}$	T	CDF	CDI	AB
22419	18916	1	$\sqrt{\frac{\tan(u) \pi}{vw}}$	T	CDF	CDI	R
22420	18917	1	$\frac{(\tan(u))^3 \pi^3}{v^3 w^3}$	T	CDF	CDI	K
22421	18918	1	$e^{\frac{\tan(u) \pi}{vw}}$	T	CDF	CDI	E
22422	18919	1	$\log\left(\frac{\tan(u) \pi}{vw}\right)$	T	CDF	CDI	L
22423	18920	1	$\arcsin\left(\frac{\tan(u) \pi}{vw}\right)$	T	CDF	CDI	S
22424	18921	1	$\arctan\left(\frac{\tan(u) \pi}{vw}\right)$	T	CDF	CDI	T
22425	18922	1	$\sqrt{-\frac{v^2 w^2 + (\tan(u))^2 \pi^2}{v^2 w^2}}$	T	CDF	CDI	P
22426	18923	1	$\sqrt{\frac{v^2 w^2 + (\tan(u))^2 \pi^2}{v^2 w^2}}$	T	CDF	CDI	H
22427	18924	1	$\frac{\tan(u) \sqrt{w} \pi^2}{v}$	T	CDF	AB	CDF

22428	18925	1	$\frac{v}{\tan(u) \sqrt{w\pi^2}}$	T	CDF	AB	CDIF
22429	18926	1	$\frac{(\tan(u))^2 w\pi^2}{v^2}$	T	CDF	AB	AB
22430	18927	1	$\sqrt{\frac{\tan(u) \sqrt{w\pi}}{v}}$	T	CDF	AB	R
22431	18928	1	$\frac{(\tan(u))^3 w^{3/2} \pi^3}{v^3}$	T	CDF	AB	K
22432	18929	1	$e^{\frac{\tan(u) \sqrt{w\pi}}{v}}$	T	CDF	AB	E
22433	18930	1	$\log\left(\frac{\tan(u) \sqrt{w\pi}}{v}\right)$	T	CDF	AB	L
22434	18931	1	$\arcsin\left(\frac{\tan(u) \sqrt{w\pi}}{v}\right)$	T	CDF	AB	S
22435	18932	1	$\arctan\left(\frac{\tan(u) \sqrt{w\pi}}{v}\right)$	T	CDF	AB	T
22436	18933	1	$\sqrt{-\frac{v^2 + (\tan(u))^2 w\pi^2}{v^2}}$	T	CDF	AB	P
22437	18934	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w\pi^2}{v^2}}$	T	CDF	AB	H
22438	18935	1	$\frac{\tan(u) w^2 \pi^2}{v}$	T	CDF	R	CDF
22439	18936	1	$\frac{v}{\tan(u) w^2 \pi^2}$	T	CDF	R	CDIF
22440	18937	1	$\frac{(\tan(u))^2 w^4 \pi^2}{v^2}$	T	CDF	R	AB
22441	18938	1	$\sqrt{\frac{\tan(u) w^2 \pi}{v}}$	T	CDF	R	R
22442	18939	1	$\frac{(\tan(u))^3 w^6 \pi^3}{v^3}$	T	CDF	R	K

22443	18940	1	$e^{\frac{\tan(u) w^2 \pi}{v}}$	T	CDF	R	E
22444	18941	1	$\log\left(\frac{\tan(u) w^2 \pi}{v}\right)$	T	CDF	R	L
22445	18942	1	$\arcsin\left(\frac{\tan(u) w^2 \pi}{v}\right)$	T	CDF	R	S
22446	18943	1	$\arctan\left(\frac{\tan(u) w^2 \pi}{v}\right)$	T	CDF	R	T
22447	18944	1	$\sqrt{-\frac{v^2 + (\tan(u))^2 w^4 \pi^2}{v^2}}$	T	CDF	R	P
22448	18945	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^4 \pi^2}{v^2}}$	T	CDF	R	H
22449	18946	1	$\frac{\tan(u) \sqrt[3]{w} \pi^2}{v}$	T	CDF	K	CDF
22450	18947	1	$\frac{v}{\tan(u) \sqrt[3]{w} \pi^2}$	T	CDF	K	CDIF
22451	18948	1	$\frac{(\tan(u))^2 w^{2/3} \pi^2}{v^2}$	T	CDF	K	AB
22452	18949	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w} \pi}{v}}$	T	CDF	K	R
22453	18950	1	$\frac{(\tan(u))^3 w \pi^3}{v^3}$	T	CDF	K	K
22454	18951	1	$e^{\frac{\tan(u) \sqrt[3]{w} \pi}{v}}$	T	CDF	K	E
22455	18952	1	$\log\left(\frac{\tan(u) \sqrt[3]{w} \pi}{v}\right)$	T	CDF	K	L
22456	18953	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w} \pi}{v}\right)$	T	CDF	K	S

22457	18954	1	$\arctan\left(\frac{\tan(u)\sqrt[3]{w}\pi}{v}\right)$	T	CDF	K	T
22458	18955	1	$\sqrt{-\frac{v^2 + (\tan(u))^2 w^{2/3}\pi^2}{v^2}}$	T	CDF	K	P
22459	18956	1	$\sqrt{\frac{v^2 + (\tan(u))^2 w^{2/3}\pi^2}{v^2}}$	T	CDF	K	H
22460	18957	1	$\frac{\tan(u)\ln(w)\pi^2}{v}$	T	CDF	E	CDF
22461	18958	1	$\frac{v}{\tan(u)\ln(w)\pi^2}$	T	CDF	E	CDIF
22462	18959	1	$\frac{(\tan(u))^2(\ln(w))^2\pi^2}{v^2}$	T	CDF	E	AB
22463	18960	1	$\sqrt{\frac{\tan(u)\ln(w)\pi}{v}}$	T	CDF	E	R
22464	18961	1	$\frac{(\tan(u))^3(\ln(w))^3\pi^3}{v^3}$	T	CDF	E	K
22465	18962	1	$w^{\frac{\tan(u)\pi}{v}}$	T	CDF	E	E
22466	18963	1	$\log\left(\frac{\tan(u)\ln(w)\pi}{v}\right)$	T	CDF	E	L
22467	18964	1	$\arcsin\left(\frac{\tan(u)\ln(w)\pi}{v}\right)$	T	CDF	E	S
22468	18965	1	$\arctan\left(\frac{\tan(u)\ln(w)\pi}{v}\right)$	T	CDF	E	T
22469	18966	1	$\sqrt{-\frac{v^2 + (\tan(u))^2(\ln(w))^2\pi^2}{v^2}}$	T	CDF	E	P
22470	18967	1	$\sqrt{\frac{v^2 + (\tan(u))^2(\ln(w))^2\pi^2}{v^2}}$	T	CDF	E	H

22471	18968	1	$\frac{\tan(u) \operatorname{Exp}(w) \pi^2}{v}$	T	CDF	L	CDF
22472	18969	1	$\frac{v}{\tan(u) \operatorname{Exp}(w) \pi^2}$	T	CDF	L	CDIF
22473	18970	1	$\frac{(\tan(u))^2 (\operatorname{Exp}(w))^2 \pi^2}{v^2}$	T	CDF	L	AB
22474	18971	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w) \pi}{v}}$	T	CDF	L	R
22475	18972	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3 \pi^3}{v^3}$	T	CDF	L	K
22476	18973	1	$e^{\frac{\tan(u) \operatorname{Exp}(w) \pi}{v}}$	T	CDF	L	E
22477	18974	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w) \pi}{v}\right)$	T	CDF	L	L
22478	18975	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w) \pi}{v}\right)$	T	CDF	L	S
22479	18976	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w) \pi}{v}\right)$	T	CDF	L	T
22480	18977	1	$\sqrt{-\frac{v^2 + (\tan(u))^2 (\operatorname{Exp}(w))^2 \pi^2}{v^2}}$	T	CDF	L	P
22481	18978	1	$\sqrt{\frac{v^2 + (\tan(u))^2 (\operatorname{Exp}(w))^2 \pi^2}{v^2}}$	T	CDF	L	H
22482	18979	1	$\frac{\sin(u) \sin(w) \pi^2}{\cos(u) v}$	T	CDF	S	CDF
22483	18980	1	$\frac{\cos(u) v}{\sin(u) \sin(w) \pi^2}$	T	CDF	S	CDIF
22484	18981	1	$\frac{(\sin(u))^2 (\sin(w))^2 \pi^2}{v^2 (\cos(u))^2}$	T	CDF	S	AB

22485	18982	1	$\sqrt{\frac{\sin(u) \sin(w) \pi}{\cos(u) v}}$	T	CDF	S	R
22486	18983	1	$\frac{(\sin(u))^3 (\sin(w))^3 \pi^3}{(\cos(u))^3 v^3}$	T	CDF	S	K
22487	18984	1	$e^{\frac{\sin(u) \sin(w) \pi}{\cos(u) v}}$	T	CDF	S	E
22488	18985	1	$\log\left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v}\right)$	T	CDF	S	L
22489	18986	1	$\arcsin\left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v}\right)$	T	CDF	S	S
22490	18987	1	$\arctan\left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v}\right)$	T	CDF	S	T
22491	18988	1	$\sqrt{-\frac{-v^2 (\cos(u))^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(u))^2}}$	T	CDF	S	P
22492	18989	1	$\sqrt{\frac{v^2 (\cos(u))^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(u))^2}}$	T	CDF	S	H
22493	18990	1	$\frac{\sin(u) \sin(w) \pi^2}{\cos(u) v \cos(w)}$	T	CDF	T	CDF
22494	18991	1	$\frac{\cos(u) v \cos(w)}{\sin(u) \sin(w) \pi^2}$	T	CDF	T	CDIF
22495	18992	1	$\frac{(\sin(u))^2 (\sin(w))^2 \pi^2}{v^2 (\cos(u))^2 (\cos(w))^2}$	T	CDF	T	AB
22496	18993	1	$\sqrt{\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)}}$	T	CDF	T	R
22497	18994	1	$\frac{(\sin(u))^3 (\sin(w))^3 \pi^3}{(\cos(u))^3 v^3 (\cos(w))^3}$	T	CDF	T	K
22498	18995	1	$e^{\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)}}$	T	CDF	T	E

22499	18996	1	$\log \left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)} \right)$	T	CDF	T	L
22500	18997	1	$\arcsin \left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)} \right)$	T	CDF	T	S
22501	18998	1	$\arctan \left(\frac{\sin(u) \sin(w) \pi}{\cos(u) v \cos(w)} \right)$	T	CDF	T	T
22502	18999	1	$\sqrt{\frac{-v^2 (\cos(u))^2 (\cos(w))^2 + \pi^2}{v^2 (\cos(u))^2 (\cos(w))^2}} \frac{\pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))}{v^2 (\cos(u))^2 (\cos(w))^2}$	T	CDF	T	P
22503	19000	1	$\sqrt{\frac{v^2 (\cos(u))^2 (\cos(w))^2 + \pi^2 - \pi^2 (\cos(w))^2 - \pi^2 (\cos(u))^2 + \pi^2 (\cos(u))^2 (\cos(w))^2}{v^2 (\cos(u))^2 (\cos(w))^2}}$	T	CDF	T	H
22504	19001	1	$\frac{\tan(u) \sqrt{1-w^2} \pi^2}{v}$	T	CDF	P	CDF
22505	19002	1	$\frac{v}{\tan(u) \sqrt{1-w^2} \pi^2}$	T	CDF	P	CDIF
22506	19003	1	$-\frac{(\tan(u))^2 \pi^2 (-1+w^2)}{v^2}$	T	CDF	P	AB
22507	19004	1	$\sqrt{\frac{\tan(u) \sqrt{1-w^2} \pi}{v}}$	T	CDF	P	R
22508	19005	1	$\frac{(\tan(u))^3 \pi^3 (1-w^2)^{3/2}}{v^3}$	T	CDF	P	K
22509	19006	1	$e^{\frac{\tan(u) \sqrt{1-w^2} \pi}{v}}$	T	CDF	P	E
22510	19007	1	$\log \left(\frac{\tan(u) \sqrt{1-w^2} \pi}{v} \right)$	T	CDF	P	L
22511	19008	1	$\arcsin \left(\frac{\tan(u) \sqrt{1-w^2} \pi}{v} \right)$	T	CDF	P	S
22512	19009	1	$\arctan \left(\frac{\tan(u) \sqrt{1-w^2} \pi}{v} \right)$	T	CDF	P	T

22513	19010	1	$\sqrt{\frac{v^2 - (\tan(u))^2 \pi^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	P	P
22514	19010	2	$\sqrt{\frac{v^2 - (\tan(u))^2 \pi^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	H	H
22515	19011	1	$\sqrt{-\frac{v^2 - (\tan(u))^2 \pi^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	P	H
22516	19011	2	$\sqrt{-\frac{v^2 - (\tan(u))^2 \pi^2 + (\tan(u))^2 w^2 \pi^2}{v^2}}$	T	CDF	H	P
22517	19012	1	$\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}$	T	CDF	H	CDF
22518	19013	1	$\frac{v}{\tan(u) \sqrt{-1 + w^2 \pi^2}}$	T	CDF	H	CDIF
22519	19014	1	$\frac{(\tan(u))^2 \pi^2 (-1 + w^2)}{v^2}$	T	CDF	H	AB
22520	19015	1	$\sqrt{\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}}$	T	CDF	H	R
22521	19016	1	$\frac{(\tan(u))^3 \pi^3 (-1 + w^2)^{3/2}}{v^3}$	T	CDF	H	K
22522	19017	1	$e^{\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}}$	T	CDF	H	E
22523	19018	1	$\log\left(\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}\right)$	T	CDF	H	L
22524	19019	1	$\arcsin\left(\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}\right)$	T	CDF	H	S
22525	19020	1	$\arctan\left(\frac{\tan(u) \sqrt{-1 + w^2 \pi^2}}{v}\right)$	T	CDF	H	T
22526	19021	1	$\tan(u) v w \pi^2$	T	CDIF	CD	CDF

22527	19022	1	$\frac{1}{\tan(u)vw\pi^2}$	T	CDIF	CD	CDIF
22528	19023	1	$(\tan(u))^2v^2w^2\pi^2$	T	CDIF	CD	AB
22529	19024	1	$\sqrt{\tan(u)vw\pi}$	T	CDIF	CD	R
22530	19025	1	$(\tan(u))^3v^3w^3\pi^3$	T	CDIF	CD	K
22531	19026	1	$e^{\tan(u)vw\pi}$	T	CDIF	CD	E
22532	19027	1	$\log(\tan(u)vw\pi)$	T	CDIF	CD	L
22533	19028	1	$\arcsin(\tan(u)vw\pi)$	T	CDIF	CD	S
22534	19029	1	$\arctan(\tan(u)vw\pi)$	T	CDIF	CD	T
22535	19030	1	$\sqrt{1 - (\tan(u))^2v^2w^2\pi^2}$	T	CDIF	CD	P
22536	19031	1	$\sqrt{1 + (\tan(u))^2v^2w^2\pi^2}$	T	CDIF	CD	H
22537	19032	1	$\frac{\tan(u)v\pi^2}{w}$	T	CDIF	CDI	CDF
22538	19033	1	$\frac{w}{\tan(u)v\pi^2}$	T	CDIF	CDI	CDIF
22539	19034	1	$\frac{(\tan(u))^2v^2\pi^2}{w^2}$	T	CDIF	CDI	AB
22540	19035	1	$\sqrt{\frac{\tan(u)v\pi}{w}}$	T	CDIF	CDI	R
22541	19036	1	$\frac{(\tan(u))^3v^3\pi^3}{w^3}$	T	CDIF	CDI	K
22542	19037	1	$e^{\frac{\tan(u)v\pi}{w}}$	T	CDIF	CDI	E

22543	19038	1	$\log \left(\frac{\tan(u) v \pi}{w} \right)$	T	CDIF	CDI	L
22544	19039	1	$\arcsin \left(\frac{\tan(u) v \pi}{w} \right)$	T	CDIF	CDI	S
22545	19040	1	$\arctan \left(\frac{\tan(u) v \pi}{w} \right)$	T	CDIF	CDI	T
22546	19041	1	$\sqrt{-\frac{w^2 + (\tan(u))^2 v^2 \pi^2}{w^2}}$	T	CDIF	CDI	P
22547	19042	1	$\sqrt{\frac{w^2 + (\tan(u))^2 v^2 \pi^2}{w^2}}$	T	CDIF	CDI	H
22548	19043	1	$\tan(u) v \sqrt{w} \pi^2$	T	CDIF	AB	CDF
22549	19044	1	$\frac{1}{\tan(u) v \sqrt{w} \pi^2}$	T	CDIF	AB	CDIF
22550	19045	1	$(\tan(u))^2 v^2 w \pi^2$	T	CDIF	AB	AB
22551	19046	1	$\sqrt{\tan(u) v \sqrt{w} \pi}$	T	CDIF	AB	R
22552	19047	1	$(\tan(u))^3 v^3 w^{3/2} \pi^3$	T	CDIF	AB	K
22553	19048	1	$e^{\tan(u) v \sqrt{w} \pi}$	T	CDIF	AB	E
22554	19049	1	$\log(\tan(u) v \sqrt{w} \pi)$	T	CDIF	AB	L
22555	19050	1	$\arcsin(\tan(u) v \sqrt{w} \pi)$	T	CDIF	AB	S
22556	19051	1	$\arctan(\tan(u) v \sqrt{w} \pi)$	T	CDIF	AB	T
22557	19052	1	$\sqrt{1 - (\tan(u))^2 v^2 w \pi^2}$	T	CDIF	AB	P

22558	19053	1	$\sqrt{1 + (\tan(u))^2 v^2 w \pi^2}$	T	CDIF	AB	H
22559	19054	1	$\tan(u) v w^2 \pi^2$	T	CDIF	R	CDF
22560	19055	1	$\frac{1}{\tan(u) v w^2 \pi^2}$	T	CDIF	R	CDIF
22561	19056	1	$(\tan(u))^2 v^2 w^4 \pi^2$	T	CDIF	R	AB
22562	19057	1	$\sqrt{\tan(u) v w^2 \pi}$	T	CDIF	R	R
22563	19058	1	$(\tan(u))^3 v^3 w^6 \pi^3$	T	CDIF	R	K
22564	19059	1	$e^{\tan(u) v w^2 \pi}$	T	CDIF	R	E
22565	19060	1	$\log(\tan(u) v w^2 \pi)$	T	CDIF	R	L
22566	19061	1	$\arcsin(\tan(u) v w^2 \pi)$	T	CDIF	R	S
22567	19062	1	$\arctan(\tan(u) v w^2 \pi)$	T	CDIF	R	T
22568	19063	1	$\sqrt{1 - (\tan(u))^2 v^2 w^4 \pi^2}$	T	CDIF	R	P
22569	19064	1	$\sqrt{1 + (\tan(u))^2 v^2 w^4 \pi^2}$	T	CDIF	R	H
22570	19065	1	$\tan(u) v \sqrt[3]{w \pi^2}$	T	CDIF	K	CDF
22571	19066	1	$\frac{1}{\tan(u) v \sqrt[3]{w \pi^2}}$	T	CDIF	K	CDIF
22572	19067	1	$(\tan(u))^2 v^2 w^{2/3} \pi^2$	T	CDIF	K	AB
22573	19068	1	$\sqrt{\tan(u) v \sqrt[3]{w \pi}}$	T	CDIF	K	R

22574	19069	1	$(\tan(u))^3 v^3 w \pi^3$	T	CDIF	K	K
22575	19070	1	$e^{\tan(u)v \sqrt[3]{w}\pi}$	T	CDIF	K	E
22576	19071	1	$\log(\tan(u)v \sqrt[3]{w}\pi)$	T	CDIF	K	L
22577	19072	1	$\arcsin(\tan(u)v \sqrt[3]{w}\pi)$	T	CDIF	K	S
22578	19073	1	$\arctan(\tan(u)v \sqrt[3]{w}\pi)$	T	CDIF	K	T
22579	19074	1	$\sqrt{1 - (\tan(u))^2 v^2 w^{2/3} \pi^2}$	T	CDIF	K	P
22580	19075	1	$\sqrt{1 + (\tan(u))^2 v^2 w^{2/3} \pi^2}$	T	CDIF	K	H
22581	19076	1	$\tan(u)v \ln(w) \pi^2$	T	CDIF	E	CDF
22582	19077	1	$\frac{1}{\tan(u)v \ln(w) \pi^2}$	T	CDIF	E	CDIF
22583	19078	1	$(\tan(u))^2 v^2 (\ln(w))^2 \pi^2$	T	CDIF	E	AB
22584	19079	1	$\sqrt{\tan(u)v \ln(w) \pi}$	T	CDIF	E	R
22585	19080	1	$(\tan(u))^3 v^3 (\ln(w))^3 \pi^3$	T	CDIF	E	K
22586	19081	1	$w^{\tan(u)v\pi}$	T	CDIF	E	E
22587	19082	1	$\log(\tan(u)v \ln(w) \pi)$	T	CDIF	E	L
22588	19083	1	$\arcsin(\tan(u)v \ln(w) \pi)$	T	CDIF	E	S
22589	19084	1	$\arctan(\tan(u)v \ln(w) \pi)$	T	CDIF	E	T

22590	19085	1	$\sqrt{1 - (\tan(u))^2 v^2 (\ln(w))^2 \pi^2}$	T	CDIF	E	P
22591	19086	1	$\sqrt{1 + (\tan(u))^2 v^2 (\ln(w))^2 \pi^2}$	T	CDIF	E	H
22592	19087	1	$\tan(u) v \exp(w) \pi^2$	T	CDIF	L	CDF
22593	19088	1	$\frac{1}{\tan(u) v \exp(w) \pi^2}$	T	CDIF	L	CDIF
22594	19089	1	$(\tan(u))^2 v^2 (\exp(w))^2 \pi^2$	T	CDIF	L	AB
22595	19090	1	$\sqrt{\tan(u) v \exp(w) \pi}$	T	CDIF	L	R
22596	19091	1	$(\tan(u))^3 v^3 (\exp(w))^3 \pi^3$	T	CDIF	L	K
22597	19092	1	$e^{\tan(u) v \exp(w) \pi}$	T	CDIF	L	E
22598	19093	1	$\log(\tan(u) v \exp(w) \pi)$	T	CDIF	L	L
22599	19094	1	$\arcsin(\tan(u) v \exp(w) \pi)$	T	CDIF	L	S
22600	19095	1	$\arctan(\tan(u) v \exp(w) \pi)$	T	CDIF	L	T
22601	19096	1	$\sqrt{1 - (\tan(u))^2 v^2 (\exp(w))^2 \pi^2}$	T	CDIF	L	P
22602	19097	1	$\sqrt{1 + (\tan(u))^2 v^2 (\exp(w))^2 \pi^2}$	T	CDIF	L	H
22603	19098	1	$\frac{\sin(u) v \sin(w) \pi^2}{\cos(u)}$	T	CDIF	S	CDF
22604	19099	1	$\frac{\cos(u)}{\sin(u) v \sin(w) \pi^2}$	T	CDIF	S	CDIF
22605	19100	1	$\frac{(\sin(u))^2 v^2 (\sin(w))^2 \pi^2}{(\cos(u))^2}$	T	CDIF	S	AB

22606	19101	1	$\sqrt{\frac{\sin(u) v \sin(w) \pi}{\cos(u)}}$	T	CDIF	S	R
22607	19102	1	$\frac{(\sin(u))^3 v^3 (\sin(w))^3 \pi^3}{(\cos(u))^3}$	T	CDIF	S	K
22608	19103	1	$e^{\frac{\sin(u) v \sin(w) \pi}{\cos(u)}}$	T	CDIF	S	E
22609	19104	1	$\log\left(\frac{\sin(u) v \sin(w) \pi}{\cos(u)}\right)$	T	CDIF	S	L
22610	19105	1	$\arcsin\left(\frac{\sin(u) v \sin(w) \pi}{\cos(u)}\right)$	T	CDIF	S	S
22611	19106	1	$\arctan\left(\frac{\sin(u) v \sin(w) \pi}{\cos(u)}\right)$	T	CDIF	S	T
22612	19107	1	$\sqrt{-\frac{(\cos(u))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2 - v^2 \pi^2 (\cos(u))^2 + v^2 \pi^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2}}$	T	CDIF	S	P
22613	19108	1	$\sqrt{\frac{(\cos(u))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2 - v^2 \pi^2 (\cos(u))^2 + v^2 \pi^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2}}$	T	CDIF	S	H
22614	19109	1	$\frac{\sin(u) v \sin(w) \pi^2}{\cos(u) \cos(w)}$	T	CDIF	T	CDF
22615	19110	1	$\frac{\cos(u) \cos(w)}{\sin(u) v \sin(w) \pi^2}$	T	CDIF	T	CDIF
22616	19111	1	$\frac{(\sin(u))^2 v^2 (\sin(w))^2 \pi^2}{(\cos(u))^2 (\cos(w))^2}$	T	CDIF	T	AB
22617	19112	1	$\sqrt{\frac{\sin(u) v \sin(w) \pi}{\cos(u) \cos(w)}}$	T	CDIF	T	R
22618	19113	1	$\frac{(\sin(u))^3 v^3 (\sin(w))^3 \pi^3}{(\cos(u))^3 (\cos(w))^3}$	T	CDIF	T	K
22619	19114	1	$e^{\frac{\sin(u) v \sin(w) \pi}{\cos(u) \cos(w)}}$	T	CDIF	T	E

22620	19115	1	$\log \left(\frac{\sin (u) v \sin (w) \pi}{\cos (u) \cos (w)} \right)$	T	CDIF	T	L
22621	19116	1	$\arcsin \left(\frac{\sin (u) v \sin (w) \pi}{\cos (u) \cos (w)} \right)$	T	CDIF	T	S
22622	19117	1	$\arctan \left(\frac{\sin (u) v \sin (w) \pi}{\cos (u) \cos (w)} \right)$	T	CDIF	T	T
22623	19118	1	$\sqrt{-\frac{(\cos (u))^2 (\cos (w))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos (w))^2 - v^2 \pi^2 (\cos (u))^2 + v^2 \pi^2 (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 (\cos (w))^2}}$	T	CDIF	T	P
22624	19119	1	$\sqrt{\frac{(\cos (u))^2 (\cos (w))^2 + v^2 \pi^2 - v^2 \pi^2 (\cos (w))^2 - v^2 \pi^2 (\cos (u))^2 + v^2 \pi^2 (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 (\cos (w))^2}}$	T	CDIF	T	H
22625	19120	1	$\tan (u) v \sqrt{1-w^2} \pi^2$	T	CDIF	P	CDF
22626	19121	1	$\frac{1}{\tan (u) v \sqrt{1-w^2} \pi^2}$	T	CDIF	P	CDIF
22627	19122	1	$-(\tan (u))^2 v^2 \pi^2 (-1+w^2)$	T	CDIF	P	AB
22628	19123	1	$\sqrt{\tan (u) v \sqrt{1-w^2} \pi}$	T	CDIF	P	R
22629	19124	1	$(\tan (u))^3 v^3 \pi^3 (1-w^2)^{3/2}$	T	CDIF	P	K
22630	19125	1	$e^{\tan (u) v \sqrt{1-w^2} \pi}$	T	CDIF	P	E
22631	19126	1	$\log \left(\tan (u) v \sqrt{1-w^2} \pi \right)$	T	CDIF	P	L
22632	19127	1	$\arcsin \left(\tan (u) v \sqrt{1-w^2} \pi \right)$	T	CDIF	P	S
22633	19128	1	$\arctan \left(\tan (u) v \sqrt{1-w^2} \pi \right)$	T	CDIF	P	T
22634	19129	1	$\sqrt{1-(\tan (u))^2 v^2 \pi^2 + (\tan (u))^2 \pi^2 w^2}$	T	CDIF	P	P
22635	19129	2	$\sqrt{1-(\tan (u))^2 v^2 \pi^2 + (\tan (u))^2 \pi^2 w^2}$	T	CDIF	H	H

22636	19130	1	$\sqrt{1 + (\tan(u))^2 v^2 \pi^2 - (\tan(u))^2 w^2 \pi^2}$	CDIF	P	H
22637	19130	2	$\sqrt{1 + (\tan(u))^2 v^2 \pi^2 - (\tan(u))^2 w^2 \pi^2}$	CDIF	H	P
22638	19131	1	$\tan(u) v \sqrt{-1 + w^2 \pi^2}$	T	CDIF	H CDF
22639	19132	1	$\frac{1}{\tan(u) v \sqrt{-1 + w^2 \pi^2}}$	T	CDIF	H CDIF
22640	19133	1	$(\tan(u))^2 v^2 \pi^2 (-1 + w^2)$	T	CDIF	H AB
22641	19134	1	$\sqrt{\tan(u) v \sqrt{-1 + w^2 \pi^2}}$	T	CDIF	H R
22642	19135	1	$(\tan(u))^3 v^3 \pi^3 (-1 + w^2)^{3/2}$	T	CDIF	H K
22643	19136	1	$e^{\tan(u) v \sqrt{-1 + w^2 \pi^2}}$	T	CDIF	H E
22644	19137	1	$\log(\tan(u) v \sqrt{-1 + w^2 \pi^2})$	T	CDIF	H L
22645	19138	1	$\arcsin(\tan(u) v \sqrt{-1 + w^2 \pi^2})$	T	CDIF	H S
22646	19139	1	$\arctan(\tan(u) v \sqrt{-1 + w^2 \pi^2})$	T	CDIF	H T
22647	19140	1	$\frac{\tan(u) w}{\sqrt{v}}$	T	AB	CD CD
22648	19140	2	$\frac{\tan(u) w}{\sqrt{v}}$	T	AB	CDF CDF
22649	19141	1	$\frac{\sqrt{v}}{\tan(u) w}$	T	AB	CD CDI
22650	19141	2	$\frac{\sqrt{v}}{\tan(u) w}$	T	AB	CDF CDIF
22651	19142	1	$\frac{\tan(u) w \pi}{\sqrt{v}}$	T	AB	CD CDF

22652	19143	1	$\frac{\sqrt{v}}{\tan(u) w \pi}$	T	AB	CD	CDIF
22653	19144	1	$\frac{(\tan(u))^2 w^2}{v}$	T	AB	CD	AB
22654	19145	1	$\sqrt{\frac{\tan(u) w}{\sqrt{v}}}$	T	AB	CD	R
22655	19146	1	$\frac{(\tan(u))^3 w^3}{v^{3/2}}$	T	AB	CD	K
22656	19147	1	$e^{\frac{\tan(u) w}{\sqrt{v}}}$	T	AB	CD	E
22657	19148	1	$\log\left(\frac{\tan(u) w}{\sqrt{v}}\right)$	T	AB	CD	L
22658	19149	1	$\arcsin\left(\frac{\tan(u) w}{\sqrt{v}}\right)$	T	AB	CD	S
22659	19150	1	$\arctan\left(\frac{\tan(u) w}{\sqrt{v}}\right)$	T	AB	CD	T
22660	19151	1	$\sqrt{-\frac{-v + (\tan(u))^2 w^2}{v}}$	T	AB	CD	P
22661	19152	1	$\sqrt{\frac{v + (\tan(u))^2 w^2}{v}}$	T	AB	CD	H
22662	19153	1	$\frac{\tan(u)}{\sqrt{v} w}$	T	AB	CDI	CD
22663	19153	2	$\frac{\tan(u)}{\sqrt{v} w}$	T	AB	CDIF	CDF
22664	19154	1	$\frac{\sqrt{v} w}{\tan(u)}$	T	AB	CDI	CDI
22665	19154	2	$\frac{\sqrt{v} w}{\tan(u)}$	T	AB	CDIF	CDIF
22666	19155	1	$\frac{\tan(u) \pi}{\sqrt{v} w}$	T	AB	CDI	CDF

22667	19156	1	$\frac{\sqrt{vw}}{\tan(u)\pi}$	T	AB	CDI	CDIF
22668	19157	1	$\frac{(\tan(u))^2}{vw^2}$	T	AB	CDI	AB
22669	19158	1	$\sqrt{\frac{\tan(u)}{\sqrt{vw}}}$	T	AB	CDI	R
22670	19159	1	$\frac{(\tan(u))^3}{v^{3/2}w^3}$	T	AB	CDI	K
22671	19160	1	$e^{\frac{\tan(u)}{\sqrt{vw}}}$	T	AB	CDI	E
22672	19161	1	$\log\left(\frac{\tan(u)}{\sqrt{vw}}\right)$	T	AB	CDI	L
22673	19162	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{vw}}\right)$	T	AB	CDI	S
22674	19163	1	$\arctan\left(\frac{\tan(u)}{\sqrt{vw}}\right)$	T	AB	CDI	T
22675	19164	1	$\sqrt{\frac{vw^2 - (\tan(u))^2}{vw^2}}$	T	AB	CDI	P
22676	19165	1	$\sqrt{\frac{vw^2 + (\tan(u))^2}{vw^2}}$	T	AB	CDI	H
22677	19166	1	$\frac{\tan(u)w}{\sqrt{v}\pi}$	T	AB	CDF	CD
22678	19167	1	$\frac{\sqrt{v}\pi}{\tan(u)w}$	T	AB	CDF	CDI
22679	19168	1	$\frac{(\tan(u))^2 w^2}{v\pi^2}$	T	AB	CDF	AB
22680	19169	1	$\sqrt{\frac{\tan(u)w}{\sqrt{v}\pi}}$	T	AB	CDF	R

22681	19170	1	$\frac{(\tan(u))^3 w^3}{v^{3/2} \pi^3}$	T	AB	CDF	K
22682	19171	1	$e^{\frac{\tan(u)w}{\sqrt{v}\pi}}$	T	AB	CDF	E
22683	19172	1	$\log\left(\frac{\tan(u)w}{\sqrt{v}\pi}\right)$	T	AB	CDF	L
22684	19173	1	$\arcsin\left(\frac{\tan(u)w}{\sqrt{v}\pi}\right)$	T	AB	CDF	S
22685	19174	1	$\arctan\left(\frac{\tan(u)w}{\sqrt{v}\pi}\right)$	T	AB	CDF	T
22686	19175	1	$\sqrt{\frac{v\pi^2 - (\tan(u))^2 w^2}{v\pi^2}}$	T	AB	CDF	P
22687	19176	1	$\sqrt{\frac{v\pi^2 + (\tan(u))^2 w^2}{v\pi^2}}$	T	AB	CDF	H
22688	19177	1	$\frac{\tan(u)}{\sqrt{v}w\pi}$	T	AB	CDIF	CD
22689	19178	1	$\frac{\sqrt{v}w\pi}{\tan(u)}$	T	AB	CDIF	CDI
22690	19179	1	$\frac{(\tan(u))^2}{vw^2\pi^2}$	T	AB	CDIF	AB
22691	19180	1	$\sqrt{\frac{\tan(u)}{\sqrt{v}w\pi}}$	T	AB	CDIF	R
22692	19181	1	$\frac{(\tan(u))^3}{v^{3/2}w^3\pi^3}$	T	AB	CDIF	K
22693	19182	1	$e^{\frac{\tan(u)}{\sqrt{v}w\pi}}$	T	AB	CDIF	E
22694	19183	1	$\log\left(\frac{\tan(u)}{\sqrt{v}w\pi}\right)$	T	AB	CDIF	L

22695	19184	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{vw}\pi}\right)$	T	AB	CDIF	S
22696	19185	1	$\arctan\left(\frac{\tan(u)}{\sqrt{vw}\pi}\right)$	T	AB	CDIF	T
22697	19186	1	$\sqrt{\frac{vw^2\pi^2 - (\tan(u))^2}{vw^2\pi^2}}$	T	AB	CDIF	P
22698	19187	1	$\sqrt{\frac{vw^2\pi^2 + (\tan(u))^2}{vw^2\pi^2}}$	T	AB	CDIF	H
22699	19188	1	$\frac{\tan(u)\sqrt{w}}{\sqrt{v}}$	T	AB	AB	CD
22700	19189	1	$\frac{\sqrt{v}}{\tan(u)\sqrt{w}}$	T	AB	AB	CDI
22701	19190	1	$\frac{\tan(u)\sqrt{w}\pi}{\sqrt{v}}$	T	AB	AB	CDF
22702	19191	1	$\frac{\sqrt{v}}{\tan(u)\sqrt{w}\pi}$	T	AB	AB	CDIF
22703	19192	1	$\frac{(\tan(u))^2 w}{v}$	T	AB	AB	AB
22704	19193	1	$\sqrt{\frac{\tan(u)\sqrt{w}}{\sqrt{v}}}$	T	AB	AB	R
22705	19194	1	$\frac{(\tan(u))^3 w^{3/2}}{v^{3/2}}$	T	AB	AB	K
22706	19195	1	$e^{\frac{\tan(u)\sqrt{w}}{\sqrt{v}}}$	T	AB	AB	E
22707	19196	1	$\log\left(\frac{\tan(u)\sqrt{w}}{\sqrt{v}}\right)$	T	AB	AB	L
22708	19197	1	$\arcsin\left(\frac{\tan(u)\sqrt{w}}{\sqrt{v}}\right)$	T	AB	AB	S

22709	19198	1	$\arctan\left(\frac{\tan(u)\sqrt{w}}{\sqrt{v}}\right)$	T	AB	AB	T
22710	19199	1	$\sqrt{-\frac{(\tan(u))^2 w}{v}}$	T	AB	AB	P
22711	19200	1	$\sqrt{\frac{(\tan(u))^2 w}{v}}$	T	AB	AB	H
22712	19201	1	$\frac{\tan(u) w^2}{\sqrt{v}}$	T	AB	R	CD
22713	19202	1	$\frac{\sqrt{v}}{\tan(u) w^2}$	T	AB	R	CDI
22714	19203	1	$\frac{\tan(u) w^2 \pi}{\sqrt{v}}$	T	AB	R	CDF
22715	19204	1	$\frac{\sqrt{v}}{\tan(u) w^2 \pi}$	T	AB	R	CDIF
22716	19205	1	$\frac{(\tan(u))^2 w^4}{v}$	T	AB	R	AB
22717	19206	1	$\sqrt{\frac{\tan(u) w^2}{\sqrt{v}}}$	T	AB	R	R
22718	19207	1	$\frac{(\tan(u))^3 w^6}{v^{3/2}}$	T	AB	R	K
22719	19208	1	$e^{\frac{\tan(u) w^2}{\sqrt{v}}}$	T	AB	R	E
22720	19209	1	$\log\left(\frac{\tan(u) w^2}{\sqrt{v}}\right)$	T	AB	R	L
22721	19210	1	$\arcsin\left(\frac{\tan(u) w^2}{\sqrt{v}}\right)$	T	AB	R	S
22722	19211	1	$\arctan\left(\frac{\tan(u) w^2}{\sqrt{v}}\right)$	T	AB	R	T

22723	19212	1	$\sqrt{-\frac{-v + (\tan(u))^2 w^4}{v}}$	T	AB	R	P
22724	19213	1	$\sqrt{\frac{v + (\tan(u))^2 w^4}{v}}$	T	AB	R	H
22725	19214	1	$\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}$	T	AB	K	CD
22726	19215	1	$\frac{\sqrt{v}}{\tan(u) \sqrt[3]{w}}$	T	AB	K	CDI
22727	19216	1	$\frac{\tan(u) \sqrt[3]{w\pi}}{\sqrt{v}}$	T	AB	K	CDF
22728	19217	1	$\frac{\sqrt{v}}{\tan(u) \sqrt[3]{w\pi}}$	T	AB	K	CDIF
22729	19218	1	$\frac{(\tan(u))^2 w^{2/3}}{v}$	T	AB	K	AB
22730	19219	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}}$	T	AB	K	R
22731	19220	1	$\frac{(\tan(u))^3 w}{v^{3/2}}$	T	AB	K	K
22732	19221	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}}$	T	AB	K	E
22733	19222	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	T	AB	K	L
22734	19223	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	T	AB	K	S
22735	19224	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{v}}\right)$	T	AB	K	T
22736	19225	1	$\sqrt{\frac{v - (\tan(u))^2 w^{2/3}}{v}}$	T	AB	K	P

22737	19226	1	$\sqrt{\frac{v + (\tan(u))^2 w^{2/3}}{v}}$	T	AB	K	H
22738	19227	1	$\frac{\tan(u) \ln(w)}{\sqrt{v}}$	T	AB	E	CD
22739	19228	1	$\frac{\sqrt{v}}{\tan(u) \ln(w)}$	T	AB	E	CDI
22740	19229	1	$\frac{\tan(u) \ln(w) \pi}{\sqrt{v}}$	T	AB	E	CDF
22741	19230	1	$\frac{\sqrt{v}}{\tan(u) \ln(w) \pi}$	T	AB	E	CDIF
22742	19231	1	$\frac{(\tan(u))^2 (\ln(w))^2}{v}$	T	AB	E	AB
22743	19232	1	$\sqrt{\frac{\tan(u) \ln(w)}{\sqrt{v}}}$	T	AB	E	R
22744	19233	1	$\frac{(\tan(u))^3 (\ln(w))^3}{v^{3/2}}$	T	AB	E	K
22745	19234	1	$w^{\frac{\tan(u)}{\sqrt{v}}}$	T	AB	E	E
22746	19235	1	$\log\left(\frac{\tan(u) \ln(w)}{\sqrt{v}}\right)$	T	AB	E	L
22747	19236	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{\sqrt{v}}\right)$	T	AB	E	S
22748	19237	1	$\arctan\left(\frac{\tan(u) \ln(w)}{\sqrt{v}}\right)$	T	AB	E	T
22749	19238	1	$\sqrt{\frac{v - (\tan(u))^2 (\ln(w))^2}{v}}$	T	AB	E	P
22750	19239	1	$\sqrt{\frac{v + (\tan(u))^2 (\ln(w))^2}{v}}$	T	AB	E	H

22751	19240	1	$\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}$	T	AB	L	CD
22752	19241	1	$\frac{\sqrt{v}}{\tan(u) \operatorname{Exp}(w)}$	T	AB	L	CDI
22753	19242	1	$\frac{\tan(u) \operatorname{Exp}(w) \pi}{\sqrt{v}}$	T	AB	L	CDF
22754	19243	1	$\frac{\sqrt{v}}{\tan(u) \operatorname{Exp}(w) \pi}$	T	AB	L	CDIF
22755	19244	1	$\frac{(\tan(u))^2 (\operatorname{Exp}(w))^2}{v}$	T	AB	L	AB
22756	19245	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}}$	T	AB	L	R
22757	19246	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3}{v^{3/2}}$	T	AB	L	K
22758	19247	1	$e^{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}}$	T	AB	L	E
22759	19248	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	T	AB	L	L
22760	19249	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	T	AB	L	S
22761	19250	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{v}}\right)$	T	AB	L	T
22762	19251	1	$\sqrt{\frac{v - (\tan(u))^2 (\operatorname{Exp}(w))^2}{v}}$	T	AB	L	P
22763	19252	1	$\sqrt{\frac{v + (\tan(u))^2 (\operatorname{Exp}(w))^2}{v}}$	T	AB	L	H
22764	19253	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}$	T	AB	S	CD

22765	19254	1	$\frac{\cos(u) \sqrt{v}}{\sin(u) \sin(w)}$	T	AB	S	CDI
22766	19255	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt{v}}$	T	AB	S	CDF
22767	19256	1	$\frac{\cos(u) \sqrt{v}}{\sin(u) \sin(w) \pi}$	T	AB	S	CDIF
22768	19257	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 v}$	T	AB	S	AB
22769	19258	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}}$	T	AB	S	R
22770	19259	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v^{3/2}}$	T	AB	S	K
22771	19260	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}}$	T	AB	S	E
22772	19261	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}\right)$	T	AB	S	L
22773	19262	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}\right)$	T	AB	S	S
22774	19263	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v}}\right)$	T	AB	S	T
22775	19264	1	$\sqrt{\frac{(\cos(u))^2 v - 1 + (\cos(w))^2 + (\cos(u))^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v}}$	T	AB	S	P
22776	19265	1	$\sqrt{\frac{(\cos(u))^2 v + 1 - (\cos(w))^2 - (\cos(u))^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v}}$	T	AB	S	H
22777	19266	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{v} \cos(w)}$	T	AB	T	CD
22778	19267	1	$\frac{\cos(u) \sqrt{v} \cos(w)}{\sin(u) \sin(w)}$	T	AB	T	CDI
22779	19268	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt{v} \cos(w)}$	T	AB	T	CDF

22780	19269	1	$\frac{\cos (u) \sqrt{v} \cos (w)}{\sin (u) \sin (w) \pi}$	T	AB	T	CDIF
22781	19270	1	$\frac{(\sin (u))^2 (\sin (w))^2}{(\cos (u))^2 v (\cos (w))^2}$	T	AB	T	AB
22782	19271	1	$\sqrt{\frac{\sin (u) \sin (w)}{\cos (u) \sqrt{v} \cos (w)}}$	T	AB	T	R
22783	19272	1	$\frac{(\sin (u))^3 (\sin (w))^3}{(\cos (u))^3 v^{3/2} (\cos (w))^3}$	T	AB	T	K
22784	19273	1	$e^{\frac{\sin (u) \sin (w)}{\cos (u) \sqrt{v} \cos (w)}}$	T	AB	T	E
22785	19274	1	$\log \left(\frac{\sin (u) \sin (w)}{\cos (u) \sqrt{v} \cos (w)} \right)$	T	AB	T	L
22786	19275	1	$\arcsin \left(\frac{\sin (u) \sin (w)}{\cos (u) \sqrt{v} \cos (w)} \right)$	T	AB	T	S
22787	19276	1	$\arctan \left(\frac{\sin (u) \sin (w)}{\cos (u) \sqrt{v} \cos (w)} \right)$	T	AB	T	T
22788	19277	1	$\sqrt{\frac{(\cos (u))^2 v (\cos (w))^2 - 1 + (\cos (w))^2 + (\cos (u))^2 - (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 v (\cos (w))^2}}$	T	AB	T	P
22789	19278	1	$\sqrt{\frac{(\cos (u))^2 v (\cos (w))^2 + 1 - (\cos (w))^2 - (\cos (u))^2 + (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 v (\cos (w))^2}}$	T	AB	T	H
22790	19279	1	$\frac{\tan (u) \sqrt{1-w^2}}{\sqrt{v}}$	T	AB	P	CD
22791	19280	1	$\frac{\sqrt{v}}{\tan (u) \sqrt{1-w^2}}$	T	AB	P	CDI
22792	19281	1	$\frac{\tan (u) \sqrt{1-w^2} \pi}{\sqrt{v}}$	T	AB	P	CDF
22793	19282	1	$\frac{\sqrt{v}}{\tan (u) \sqrt{1-w^2} \pi}$	T	AB	P	CDIF

22794	19283	1	$-\frac{(\tan(u))^2(-1+w^2)}{v}$	T	AB	P	AB
22795	19284	1	$\sqrt{\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{v}}}$	T	AB	P	R
22796	19285	1	$\frac{(\tan(u))^3(1-w^2)^{3/2}}{v^{3/2}}$	T	AB	P	K
22797	19286	1	$e^{\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{v}}}$	T	AB	P	E
22798	19287	1	$\log\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	T	AB	P	L
22799	19288	1	$\arcsin\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	T	AB	P	S
22800	19289	1	$\arctan\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{v}}\right)$	T	AB	P	T
22801	19290	1	$\sqrt{\frac{v-(\tan(u))^2+(\tan(u))^2w^2}{v}}$	T	AB	P	P
22802	19290	2	$\sqrt{\frac{v-(\tan(u))^2+(\tan(u))^2w^2}{v}}$	T	AB	H	H
22803	19291	1	$\sqrt{-\frac{v-(\tan(u))^2+(\tan(u))^2w^2}{v}}$	F	AB	P	H
22804	19291	2	$\sqrt{-\frac{v-(\tan(u))^2+(\tan(u))^2w^2}{v}}$	F	AB	H	P
22805	19292	1	$\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{v}}$	T	AB	H	CD
22806	19293	1	$\frac{\sqrt{v}}{\tan(u)\sqrt{-1+w^2}}$	T	AB	H	CDI
22807	19294	1	$\frac{\tan(u)\sqrt{-1+w^2}\pi}{\sqrt{v}}$	T	AB	H	CDF

22808	19295	1	$\frac{\sqrt{v}}{\tan(u) \sqrt{-1+w^2} \pi}$	T	AB	H	CDIF
22809	19296	1	$\frac{(\tan(u))^2 (-1+w^2)}{v}$	T	AB	H	AB
22810	19297	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{v}}}$	T	AB	H	R
22811	19298	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{v^{3/2}}$	T	AB	H	K
22812	19299	1	$e^{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{v}}}$	T	AB	H	E
22813	19300	1	$\log\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{v}}\right)$	T	AB	H	L
22814	19301	1	$\arcsin\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{v}}\right)$	T	AB	H	S
22815	19302	1	$\arctan\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{v}}\right)$	T	AB	H	T
22816	19303	1	$\frac{\tan(u) w}{v^2}$	T	R	CD	CD
22817	19303	2	$\frac{\tan(u) w}{v^2}$	T	R	CDF	CDF
22818	19304	1	$\frac{v^2}{\tan(u) w}$	T	R	CD	CDI
22819	19304	2	$\frac{v^2}{\tan(u) w}$	T	R	CDF	CDIF
22820	19305	1	$\frac{\tan(u) w \pi}{v^2}$	T	R	CD	CDF
22821	19306	1	$\frac{v^2}{\tan(u) w \pi}$	T	R	CD	CDIF
22822	19307	1	$\frac{(\tan(u))^2 w^2}{v^4}$	T	R	CD	AB

22823	19308	1	$\sqrt{\frac{\tan(u) w}{v^2}}$	T	R	CD	R
22824	19309	1	$\frac{(\tan(u))^3 w^3}{v^6}$	T	R	CD	K
22825	19310	1	$e^{\frac{\tan(u) w}{v^2}}$	T	R	CD	E
22826	19311	1	$\log\left(\frac{\tan(u) w}{v^2}\right)$	T	R	CD	L
22827	19312	1	$\arcsin\left(\frac{\tan(u) w}{v^2}\right)$	T	R	CD	S
22828	19313	1	$\arctan\left(\frac{\tan(u) w}{v^2}\right)$	T	R	CD	T
22829	19314	1	$\sqrt{-\frac{v^4 + (\tan(u))^2 w^2}{v^4}}$	T	R	CD	P
22830	19315	1	$\sqrt{\frac{v^4 + (\tan(u))^2 w^2}{v^4}}$	T	R	CD	H
22831	19316	1	$\frac{\tan(u)}{v^2 w}$	T	R	CDI	CD
22832	19316	2	$\frac{\tan(u)}{v^2 w}$	T	R	CDIF	CDF
22833	19317	1	$\frac{v^2 w}{\tan(u)}$	T	R	CDI	CDI
22834	19317	2	$\frac{v^2 w}{\tan(u)}$	T	R	CDIF	CDIF
22835	19318	1	$\frac{\tan(u) \pi}{v^2 w}$	T	R	CDI	CDF
22836	19319	1	$\frac{v^2 w}{\tan(u) \pi}$	T	R	CDI	CDIF
22837	19320	1	$\frac{(\tan(u))^2}{v^4 w^2}$	T	R	CDI	AB

22838	19321	1	$\sqrt{\frac{\tan(u)}{v^2 w}}$	T	R	CDI	R
22839	19322	1	$\frac{(\tan(u))^3}{v^6 w^3}$	T	R	CDI	K
22840	19323	1	$e^{\frac{\tan(u)}{v^2 w}}$	T	R	CDI	E
22841	19324	1	$\log\left(\frac{\tan(u)}{v^2 w}\right)$	T	R	CDI	L
22842	19325	1	$\arcsin\left(\frac{\tan(u)}{v^2 w}\right)$	T	R	CDI	S
22843	19326	1	$\arctan\left(\frac{\tan(u)}{v^2 w}\right)$	T	R	CDI	T
22844	19327	1	$\sqrt{\frac{v^4 w^2 - (\tan(u))^2}{v^4 w^2}}$	T	R	CDI	P
22845	19328	1	$\sqrt{\frac{v^4 w^2 + (\tan(u))^2}{v^4 w^2}}$	T	R	CDI	H
22846	19329	1	$\frac{\tan(u) w}{v^2 \pi}$	T	R	CDF	CD
22847	19330	1	$\frac{v^2 \pi}{\tan(u) w}$	T	R	CDF	CDI
22848	19331	1	$\frac{(\tan(u))^2 w^2}{v^4 \pi^2}$	T	R	CDF	AB
22849	19332	1	$\sqrt{\frac{\tan(u) w}{v^2 \pi}}$	T	R	CDF	R
22850	19333	1	$\frac{(\tan(u))^3 w^3}{v^6 \pi^3}$	T	R	CDF	K
22851	19334	1	$e^{\frac{\tan(u) w}{v^2 \pi}}$	T	R	CDF	E

22852	19335	1	$\log \left(\frac{\tan(u) w}{v^2 \pi} \right)$	T	R	CDF	L
22853	19336	1	$\arcsin \left(\frac{\tan(u) w}{v^2 \pi} \right)$	T	R	CDF	S
22854	19337	1	$\arctan \left(\frac{\tan(u) w}{v^2 \pi} \right)$	T	R	CDF	T
22855	19338	1	$\sqrt{\frac{v^4 \pi^2 - (\tan(u))^2 w^2}{v^4 \pi^2}}$	T	R	CDF	P
22856	19339	1	$\sqrt{\frac{v^4 \pi^2 + (\tan(u))^2 w^2}{v^4 \pi^2}}$	T	R	CDF	H
22857	19340	1	$\frac{\tan(u)}{v^2 w \pi}$	T	R	CDIF	CD
22858	19341	1	$\frac{v^2 w \pi}{\tan(u)}$	T	R	CDIF	CDI
22859	19342	1	$\frac{(\tan(u))^2}{v^4 w^2 \pi^2}$	T	R	CDIF	AB
22860	19343	1	$\sqrt{\frac{\tan(u)}{v^2 w \pi}}$	T	R	CDIF	R
22861	19344	1	$\frac{(\tan(u))^3}{v^6 w^3 \pi^3}$	T	R	CDIF	K
22862	19345	1	$e^{\frac{\tan(u)}{v^2 w \pi}}$	T	R	CDIF	E
22863	19346	1	$\log \left(\frac{\tan(u)}{v^2 w \pi} \right)$	T	R	CDIF	L
22864	19347	1	$\arcsin \left(\frac{\tan(u)}{v^2 w \pi} \right)$	T	R	CDIF	S
22865	19348	1	$\arctan \left(\frac{\tan(u)}{v^2 w \pi} \right)$	T	R	CDIF	T

22866	19349	1	$\sqrt{\frac{v^4 w^2 \pi^2 - (\tan(u))^2}{v^4 w^2 \pi^2}}$	T	R	CDIF	P
22867	19350	1	$\sqrt{\frac{v^4 w^2 \pi^2 + (\tan(u))^2}{v^4 w^2 \pi^2}}$	T	R	CDIF	H
22868	19351	1	$\frac{\tan(u) \sqrt{w}}{v^2}$	T	R	AB	CD
22869	19352	1	$\frac{v^2}{\tan(u) \sqrt{w}}$	T	R	AB	CDI
22870	19353	1	$\frac{\tan(u) \sqrt{w} \pi}{v^2}$	T	R	AB	CDF
22871	19354	1	$\frac{v^2}{\tan(u) \sqrt{w} \pi}$	T	R	AB	CDIF
22872	19355	1	$\frac{(\tan(u))^2 w}{v^4}$	T	R	AB	AB
22873	19356	1	$\sqrt{\frac{\tan(u) \sqrt{w}}{v^2}}$	T	R	AB	R
22874	19357	1	$\frac{(\tan(u))^3 w^{3/2}}{v^6}$	T	R	AB	K
22875	19358	1	$e^{\frac{\tan(u) \sqrt{w}}{v^2}}$	T	R	AB	E
22876	19359	1	$\log\left(\frac{\tan(u) \sqrt{w}}{v^2}\right)$	T	R	AB	L
22877	19360	1	$\arcsin\left(\frac{\tan(u) \sqrt{w}}{v^2}\right)$	T	R	AB	S
22878	19361	1	$\arctan\left(\frac{\tan(u) \sqrt{w}}{v^2}\right)$	T	R	AB	T
22879	19362	1	$\sqrt{-\frac{v^4 + (\tan(u))^2 w}{v^4}}$	T	R	AB	P

22880	19363	1	$\sqrt{\frac{v^4 + (\tan(u))^2 w}{v^4}}$	T	R	AB	H
22881	19364	1	$\frac{\tan(u) w^2}{v^2}$	T	R	R	CD
22882	19365	1	$\frac{v^2}{\tan(u) w^2}$	T	R	R	CDI
22883	19366	1	$\frac{\tan(u) w^2 \pi}{v^2}$	T	R	R	CDF
22884	19367	1	$\frac{v^2}{\tan(u) w^2 \pi}$	T	R	R	CDIF
22885	19368	1	$\frac{(\tan(u))^2 w^4}{v^4}$	T	R	R	AB
22886	19369	1	$\sqrt{\frac{\tan(u) w^2}{v^2}}$	T	R	R	R
22887	19370	1	$\frac{(\tan(u))^3 w^6}{v^6}$	T	R	R	K
22888	19371	1	$e^{\frac{\tan(u) w^2}{v^2}}$	T	R	R	E
22889	19372	1	$\log\left(\frac{\tan(u) w^2}{v^2}\right)$	T	R	R	L
22890	19373	1	$\arcsin\left(\frac{\tan(u) w^2}{v^2}\right)$	T	R	R	S
22891	19374	1	$\arctan\left(\frac{\tan(u) w^2}{v^2}\right)$	T	R	R	T
22892	19375	1	$\sqrt{-\frac{v^4 + (\tan(u))^2 w^4}{v^4}}$	T	R	R	P
22893	19376	1	$\sqrt{\frac{v^4 + (\tan(u))^2 w^4}{v^4}}$	T	R	R	H

22894	19377	1	$\frac{\tan(u) \sqrt[3]{w}}{v^2}$	T	R	K	CD
22895	19378	1	$\frac{v^2}{\tan(u) \sqrt[3]{w}}$	T	R	K	CDI
22896	19379	1	$\frac{\tan(u) \sqrt[3]{w\pi}}{v^2}$	T	R	K	CDF
22897	19380	1	$\frac{v^2}{\tan(u) \sqrt[3]{w\pi}}$	T	R	K	CDIF
22898	19381	1	$\frac{(\tan(u))^2 w^{2/3}}{v^4}$	T	R	K	AB
22899	19382	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{v^2}}$	T	R	K	R
22900	19383	1	$\frac{(\tan(u))^3 w}{v^6}$	T	R	K	K
22901	19384	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{v^2}}$	T	R	K	E
22902	19385	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{v^2}\right)$	T	R	K	L
22903	19386	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{v^2}\right)$	T	R	K	S
22904	19387	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{v^2}\right)$	T	R	K	T
22905	19388	1	$\sqrt{\frac{v^4 - (\tan(u))^2 w^{2/3}}{v^4}}$	T	R	K	P
22906	19389	1	$\sqrt{\frac{v^4 + (\tan(u))^2 w^{2/3}}{v^4}}$	T	R	K	H
22907	19390	1	$\frac{\tan(u) \ln(w)}{v^2}$	T	R	E	CD

22908	19391	1	$\frac{v^2}{\tan(u) \ln(w)}$	T	R	E	CDI
22909	19392	1	$\frac{\tan(u) \ln(w) \pi}{v^2}$	T	R	E	CDF
22910	19393	1	$\frac{v^2}{\tan(u) \ln(w) \pi}$	T	R	E	CDIF
22911	19394	1	$\frac{(\tan(u))^2 (\ln(w))^2}{v^4}$	T	R	E	AB
22912	19395	1	$\sqrt{\frac{\tan(u) \ln(w)}{v^2}}$	T	R	E	R
22913	19396	1	$\frac{(\tan(u))^3 (\ln(w))^3}{v^6}$	T	R	E	K
22914	19397	1	$w^{\frac{\tan(u)}{v^2}}$	T	R	E	E
22915	19398	1	$\log\left(\frac{\tan(u) \ln(w)}{v^2}\right)$	T	R	E	L
22916	19399	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{v^2}\right)$	T	R	E	S
22917	19400	1	$\arctan\left(\frac{\tan(u) \ln(w)}{v^2}\right)$	T	R	E	T
22918	19401	1	$\sqrt{\frac{v^4 - (\tan(u))^2 (\ln(w))^2}{v^4}}$	T	R	E	P
22919	19402	1	$\sqrt{\frac{v^4 + (\tan(u))^2 (\ln(w))^2}{v^4}}$	T	R	E	H
22920	19403	1	$\frac{\tan(u) \text{Exp}(w)}{v^2}$	T	R	L	CD
22921	19404	1	$\frac{v^2}{\tan(u) \text{Exp}(w)}$	T	R	L	CDI
22922	19405	1	$\frac{\tan(u) \text{Exp}(w) \pi}{v^2}$	T	R	L	CDF

22923	19406	1	$\frac{v^2}{\tan(u) \operatorname{Exp}(w) \pi}$	T	R	L	CDIF
22924	19407	1	$\frac{(\tan(u))^2 (\operatorname{Exp}(w))^2}{v^4}$	T	R	L	AB
22925	19408	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w)}{v^2}}$	T	R	L	R
22926	19409	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3}{v^6}$	T	R	L	K
22927	19410	1	$e^{\frac{\tan(u) \operatorname{Exp}(w)}{v^2}}$	T	R	L	E
22928	19411	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w)}{v^2}\right)$	T	R	L	L
22929	19412	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w)}{v^2}\right)$	T	R	L	S
22930	19413	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w)}{v^2}\right)$	T	R	L	T
22931	19414	1	$\sqrt{\frac{v^4 - (\tan(u))^2 (\operatorname{Exp}(w))^2}{v^4}}$	T	R	L	P
22932	19415	1	$\sqrt{\frac{v^4 + (\tan(u))^2 (\operatorname{Exp}(w))^2}{v^4}}$	T	R	L	H
22933	19416	1	$\frac{\sin(u) \sin(w)}{\cos(u) v^2}$	T	R	S	CD
22934	19417	1	$\frac{\cos(u) v^2}{\sin(u) \sin(w)}$	T	R	S	CDI
22935	19418	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) v^2}$	T	R	S	CDF
22936	19419	1	$\frac{\cos(u) v^2}{\sin(u) \sin(w) \pi}$	T	R	S	CDIF

22937	19420	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 v^4}$	T	R	S	AB
22938	19421	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) v^2}}$	T	R	S	R
22939	19422	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v^6}$	T	R	S	K
22940	19423	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) v^2}}$	T	R	S	E
22941	19424	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2}\right)$	T	R	S	L
22942	19425	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2}\right)$	T	R	S	S
22943	19426	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2}\right)$	T	R	S	T
22944	19427	1	$\sqrt{\frac{(\cos(u))^2 v^4 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^4}}$	T	R	S	P
22945	19428	1	$\sqrt{\frac{(\cos(u))^2 v^4 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^4}}$	T	R	S	H
22946	19429	1	$\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}$	T	R	T	CD
22947	19430	1	$\frac{\cos(u) v^2 \cos(w)}{\sin(u) \sin(w)}$	T	R	T	CDI
22948	19431	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) v^2 \cos(w)}$	T	R	T	CDF
22949	19432	1	$\frac{\cos(u) v^2 \cos(w)}{\sin(u) \sin(w) \pi}$	T	R	T	CDIF
22950	19433	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 v^4 (\cos(w))^2}$	T	R	T	AB

22951	19434	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}}$	T	R	T	R
22952	19435	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v^6 (\cos(w))^3}$	T	R	T	K
22953	19436	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}}$	T	R	T	E
22954	19437	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}\right)$	T	R	T	L
22955	19438	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}\right)$	T	R	T	S
22956	19439	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) v^2 \cos(w)}\right)$	T	R	T	T
22957	19440	1	$\sqrt{\frac{(\cos(u))^2 v^4 (\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^4 (\cos(w))^2}}$	T	R	T	P
22958	19441	1	$\sqrt{\frac{(\cos(u))^2 v^4 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^4 (\cos(w))^2}}$	T	R	T	H
22959	19442	1	$\frac{\tan(u) \sqrt{-(w-1)(w+1)}}{v^2}$	T	R	P	CD
22960	19443	1	$\frac{v^2}{\tan(u) \sqrt{1-w^2}}$	T	R	P	CDI
22961	19444	1	$\frac{\tan(u) \sqrt{-(w-1)(w+1)}\pi}{v^2}$	T	R	P	CDF
22962	19445	1	$\frac{v^2}{\tan(u) \sqrt{1-w^2}\pi}$	T	R	P	CDIF
22963	19446	1	$-\frac{(\tan(u))^2 (-1+w^2)}{v^4}$	T	R	P	AB
22964	19447	1	$\sqrt{\frac{\tan(u) \sqrt{-(w-1)(w+1)}}{v^2}}$	T	R	P	R

22965	19448	1	$\frac{(\tan(u))^3 (1-w^2)^{3/2}}{v^6}$	T	R	P	K
22966	19449	1	$e^{\frac{\tan(u)\sqrt{-(w-1)(w+1)}}{v^2}}$	T	R	P	E
22967	19450	1	$\log\left(\frac{\tan(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$	T	R	P	L
22968	19451	1	$\arcsin\left(\frac{\tan(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$	T	R	P	S
22969	19452	1	$\arctan\left(\frac{\tan(u)\sqrt{-(w-1)(w+1)}}{v^2}\right)$	T	R	P	T
22970	19453	1	$\sqrt{\frac{v^4 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^4}}$	T	R	P	P
22971	19453	2	$\sqrt{\frac{v^4 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^4}}$	T	R	H	H
22972	19454	1	$\sqrt{-\frac{-v^4 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^4}}$	T	R	P	H
22973	19454	2	$\sqrt{-\frac{-v^4 - (\tan(u))^2 + (\tan(u))^2 w^2}{v^4}}$	T	R	H	P
22974	19455	1	$\frac{\tan(u)\sqrt{(w-1)(w+1)}}{v^2}$	T	R	H	CD
22975	19456	1	$\frac{v^2}{\tan(u)\sqrt{-1+w^2}}$	T	R	H	CDI
22976	19457	1	$\frac{\tan(u)\sqrt{(w-1)(w+1)}\pi}{v^2}$	T	R	H	CDF
22977	19458	1	$\frac{v^2}{\tan(u)\sqrt{-1+w^2}\pi}$	T	R	H	CDIF
22978	19459	1	$\frac{(\tan(u))^2 (-1+w^2)}{v^4}$	T	R	H	AB

22979	19460	1	$\sqrt{\frac{\tan(u) \sqrt{(w-1)(w+1)}}{v^2}}$	T	R	H	R
22980	19461	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{v^6}$	T	R	H	K
22981	19462	1	$e^{\frac{\tan(u) \sqrt{(w-1)(w+1)}}{v^2}}$	T	R	H	E
22982	19463	1	$\log\left(\frac{\tan(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	T	R	H	L
22983	19464	1	$\arcsin\left(\frac{\tan(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	T	R	H	S
22984	19465	1	$\arctan\left(\frac{\tan(u) \sqrt{(w-1)(w+1)}}{v^2}\right)$	T	R	H	T
22985	19466	1	$\frac{\tan(u) w}{\sqrt[3]{v}}$	T	K	CD	CD
22986	19466	2	$\frac{\tan(u) w}{\sqrt[3]{v}}$	T	K	CDF	CDF
22987	19467	1	$\frac{\sqrt[3]{v}}{\tan(u) w}$	T	K	CD	CDI
22988	19467	2	$\frac{\sqrt[3]{v}}{\tan(u) w}$	T	K	CDF	CDIF
22989	19468	1	$\frac{\tan(u) w \pi}{\sqrt[3]{v}}$	T	K	CD	CDF
22990	19469	1	$\frac{\sqrt[3]{v}}{\tan(u) w \pi}$	T	K	CD	CDIF
22991	19470	1	$\frac{(\tan(u))^2 w^2}{v^{2/3}}$	T	K	CD	AB
22992	19471	1	$\sqrt{\frac{\tan(u) w}{\sqrt[3]{v}}}$	T	K	CD	R
22993	19472	1	$\frac{(\tan(u))^3 w^3}{v}$	T	K	CD	K

22994	19473	1	$e^{\frac{\tan(u)w}{\sqrt[3]{v}}}$	T	K	CD	E
22995	19474	1	$\log\left(\frac{\tan(u)w}{\sqrt[3]{v}}\right)$	T	K	CD	L
22996	19475	1	$\arcsin\left(\frac{\tan(u)w}{\sqrt[3]{v}}\right)$	T	K	CD	S
22997	19476	1	$\arctan\left(\frac{\tan(u)w}{\sqrt[3]{v}}\right)$	T	K	CD	T
22998	19477	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	CD	P
22999	19478	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	CD	H
23000	19479	1	$\frac{\tan(u)}{\sqrt[3]{vw}}$	T	K	CDI	CD
23001	19479	2	$\frac{\tan(u)}{\sqrt[3]{vw}}$	T	K	CDIF	CDF
23002	19480	1	$\frac{\sqrt[3]{vw}}{\tan(u)}$	T	K	CDI	CDI
23003	19480	2	$\frac{\sqrt[3]{vw}}{\tan(u)}$	T	K	CDIF	CDIF
23004	19481	1	$\frac{\tan(u)\pi}{\sqrt[3]{vw}}$	T	K	CDI	CDF
23005	19482	1	$\frac{\sqrt[3]{vw}}{\tan(u)\pi}$	T	K	CDI	CDIF
23006	19483	1	$\frac{(\tan(u))^2}{v^{2/3}w^2}$	T	K	CDI	AB
23007	19484	1	$\sqrt{\frac{\tan(u)}{\sqrt[3]{vw}}}$	T	K	CDI	R

23008	19485	1	$\frac{(\tan(u))^3}{vw^3}$	T	K	CDI	K
23009	19486	1	$e^{\frac{\tan(u)}{\sqrt[3]{vw}}}$	T	K	CDI	E
23010	19487	1	$\log\left(\frac{\tan(u)}{\sqrt[3]{vw}}\right)$	T	K	CDI	L
23011	19488	1	$\arcsin\left(\frac{\tan(u)}{\sqrt[3]{vw}}\right)$	T	K	CDI	S
23012	19489	1	$\arctan\left(\frac{\tan(u)}{\sqrt[3]{vw}}\right)$	T	K	CDI	T
23013	19490	1	$\sqrt{\frac{v^{2/3}w^2 - (\tan(u))^2}{v^{2/3}w^2}}$	T	K	CDI	P
23014	19491	1	$\sqrt{\frac{v^{2/3}w^2 + (\tan(u))^2}{v^{2/3}w^2}}$	T	K	CDI	H
23015	19492	1	$\frac{\tan(u) w}{\sqrt[3]{v}\pi}$	T	K	CDF	CD
23016	19493	1	$\frac{\sqrt[3]{v}\pi}{\tan(u) w}$	T	K	CDF	CDI
23017	19494	1	$\frac{(\tan(u))^2 w^2}{v^{2/3}\pi^2}$	T	K	CDF	AB
23018	19495	1	$\sqrt{\frac{\tan(u) w}{\sqrt[3]{v}\pi}}$	T	K	CDF	R
23019	19496	1	$\frac{(\tan(u))^3 w^3}{v\pi^3}$	T	K	CDF	K
23020	19497	1	$e^{\frac{\tan(u) w}{\sqrt[3]{v}\pi}}$	T	K	CDF	E
23021	19498	1	$\log\left(\frac{\tan(u) w}{\sqrt[3]{v}\pi}\right)$	T	K	CDF	L

23022	19499	1	$\arcsin\left(\frac{\tan(u)w}{\sqrt[3]{v}\pi}\right)$	T	K	CDF	S
23023	19500	1	$\arctan\left(\frac{\tan(u)w}{\sqrt[3]{v}\pi}\right)$	T	K	CDF	T
23024	19501	1	$\sqrt{\frac{v^{2/3}\pi^2 - (\tan(u))^2 w^2}{v^{2/3}\pi^2}}$	T	K	CDF	P
23025	19502	1	$\sqrt{\frac{v^{2/3}\pi^2 + (\tan(u))^2 w^2}{v^{2/3}\pi^2}}$	T	K	CDF	H
23026	19503	1	$\frac{\tan(u)}{\sqrt[3]{v}w\pi}$	T	K	CDIF	CD
23027	19504	1	$\frac{\sqrt[3]{v}w\pi}{\tan(u)}$	T	K	CDIF	CDI
23028	19505	1	$\frac{(\tan(u))^2}{v^{2/3}w^2\pi^2}$	T	K	CDIF	AB
23029	19506	1	$\sqrt{\frac{\tan(u)}{\sqrt[3]{v}w\pi}}$	T	K	CDIF	R
23030	19507	1	$\frac{(\tan(u))^3}{vw^3\pi^3}$	T	K	CDIF	K
23031	19508	1	$e^{\frac{\tan(u)}{\sqrt[3]{v}w\pi}}$	T	K	CDIF	E
23032	19509	1	$\log\left(\frac{\tan(u)}{\sqrt[3]{v}w\pi}\right)$	T	K	CDIF	L
23033	19510	1	$\arcsin\left(\frac{\tan(u)}{\sqrt[3]{v}w\pi}\right)$	T	K	CDIF	S
23034	19511	1	$\arctan\left(\frac{\tan(u)}{\sqrt[3]{v}w\pi}\right)$	T	K	CDIF	T
23035	19512	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 - (\tan(u))^2}{v^{2/3}w^2\pi^2}}$	T	K	CDIF	P

23036	19513	1	$\sqrt{\frac{v^{2/3}w^2\pi^2 + (\tan(u))^2}{v^{2/3}w^2\pi^2}}$	T	K	CDIF	H
23037	19514	1	$\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}$	T	K	AB	CD
23038	19515	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt{w}}$	T	K	AB	CDI
23039	19516	1	$\frac{\tan(u)\sqrt{w}\pi}{\sqrt[3]{v}}$	T	K	AB	CDF
23040	19517	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt{w}\pi}$	T	K	AB	CDIF
23041	19518	1	$\frac{(\tan(u))^2 w}{v^{2/3}}$	T	K	AB	AB
23042	19519	1	$\sqrt{\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}}$	T	K	AB	R
23043	19520	1	$\frac{(\tan(u))^3 w^{3/2}}{v}$	T	K	AB	K
23044	19521	1	$e^{\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}}$	T	K	AB	E
23045	19522	1	$\log\left(\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}\right)$	T	K	AB	L
23046	19523	1	$\arcsin\left(\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}\right)$	T	K	AB	S
23047	19524	1	$\arctan\left(\frac{\tan(u)\sqrt{w}}{\sqrt[3]{v}}\right)$	T	K	AB	T
23048	19525	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 w}{v^{2/3}}}$	T	K	AB	P
23049	19526	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 w}{v^{2/3}}}$	T	K	AB	H

23050	19527	1	$\frac{\tan(u) w^2}{\sqrt[3]{v}}$	T	K	R	CD
23051	19528	1	$\frac{\sqrt[3]{v}}{\tan(u) w^2}$	T	K	R	CDI
23052	19529	1	$\frac{\tan(u) w^2 \pi}{\sqrt[3]{v}}$	T	K	R	CDF
23053	19530	1	$\frac{\sqrt[3]{v}}{\tan(u) w^2 \pi}$	T	K	R	CDIF
23054	19531	1	$\frac{(\tan(u))^2 w^4}{v^{2/3}}$	T	K	R	AB
23055	19532	1	$\sqrt{\frac{\tan(u) w^2}{\sqrt[3]{v}}}$	T	K	R	R
23056	19533	1	$\frac{(\tan(u))^3 w^6}{v}$	T	K	R	K
23057	19534	1	$e^{\frac{\tan(u) w^2}{\sqrt[3]{v}}}$	T	K	R	E
23058	19535	1	$\log\left(\frac{\tan(u) w^2}{\sqrt[3]{v}}\right)$	T	K	R	L
23059	19536	1	$\arcsin\left(\frac{\tan(u) w^2}{\sqrt[3]{v}}\right)$	T	K	R	S
23060	19537	1	$\arctan\left(\frac{\tan(u) w^2}{\sqrt[3]{v}}\right)$	T	K	R	T
23061	19538	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 w^4}{v^{2/3}}}$	T	K	R	P
23062	19539	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 w^4}{v^{2/3}}}$	T	K	R	H
23063	19540	1	$\frac{\tan(u) \sqrt[3]{w}}{\sqrt[3]{v}}$	T	K	K	CD

23064	19541	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt[3]{w}}$	T	K	K	CDI
23065	19542	1	$\frac{\tan(u)\sqrt[3]{w}\pi}{\sqrt[3]{v}}$	T	K	K	CDF
23066	19543	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt[3]{w}\pi}$	T	K	K	CDIF
23067	19544	1	$\frac{(\tan(u))^2 w^{2/3}}{v^{2/3}}$	T	K	K	AB
23068	19545	1	$\sqrt{\frac{\tan(u)\sqrt[3]{w}}{\sqrt[3]{v}}}$	T	K	K	R
23069	19546	1	$\frac{(\tan(u))^3 w}{v}$	T	K	K	K
23070	19547	1	$e^{\frac{\tan(u)\sqrt[3]{w}}{\sqrt[3]{v}}}$	T	K	K	E
23071	19548	1	$\log\left(\frac{\tan(u)\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	T	K	K	L
23072	19549	1	$\arcsin\left(\frac{\tan(u)\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	T	K	K	S
23073	19550	1	$\arctan\left(\frac{\tan(u)\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	T	K	K	T
23074	19551	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 w^{2/3}}{v^{2/3}}}$	T	K	K	P
23075	19552	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 w^{2/3}}{v^{2/3}}}$	T	K	K	H
23076	19553	1	$\frac{\tan(u)\ln(w)}{\sqrt[3]{v}}$	T	K	E	CD
23077	19554	1	$\frac{\sqrt[3]{v}}{\tan(u)\ln(w)}$	T	K	E	CDI

23078	19555	1	$\frac{\tan(u) \ln(w) \pi}{\sqrt[3]{v}}$	T	K	E	CDF
23079	19556	1	$\frac{\sqrt[3]{v}}{\tan(u) \ln(w) \pi}$	T	K	E	CDIF
23080	19557	1	$\frac{(\tan(u))^2 (\ln(w))^2}{v^{2/3}}$	T	K	E	AB
23081	19558	1	$\sqrt{\frac{\tan(u) \ln(w)}{\sqrt[3]{v}}}$	T	K	E	R
23082	19559	1	$\frac{(\tan(u))^3 (\ln(w))^3}{v}$	T	K	E	K
23083	19560	1	$w^{\frac{\tan(u)}{\sqrt[3]{v}}}$	T	K	E	E
23084	19561	1	$\log\left(\frac{\tan(u) \ln(w)}{\sqrt[3]{v}}\right)$	T	K	E	L
23085	19562	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{\sqrt[3]{v}}\right)$	T	K	E	S
23086	19563	1	$\arctan\left(\frac{\tan(u) \ln(w)}{\sqrt[3]{v}}\right)$	T	K	E	T
23087	19564	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 (\ln(w))^2}{v^{2/3}}}$	T	K	E	P
23088	19565	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 (\ln(w))^2}{v^{2/3}}}$	T	K	E	H
23089	19566	1	$\frac{\tan(u) \text{Exp}(w)}{\sqrt[3]{v}}$	T	K	L	CD
23090	19567	1	$\frac{\sqrt[3]{v}}{\tan(u) \text{Exp}(w)}$	T	K	L	CDI
23091	19568	1	$\frac{\tan(u) \text{Exp}(w) \pi}{\sqrt[3]{v}}$	T	K	L	CDF

23092	19569	1	$\frac{\sqrt[3]{v}}{\tan(u) \operatorname{Exp}(w) \pi}$	T	K	L	CDIF
23093	19570	1	$\frac{(\tan(u))^2 (\operatorname{Exp}(w))^2}{v^{2/3}}$	T	K	L	AB
23094	19571	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	T	K	L	R
23095	19572	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3}{v}$	T	K	L	K
23096	19573	1	$e^{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}}$	T	K	L	E
23097	19574	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	T	K	L	L
23098	19575	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	T	K	L	S
23099	19576	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt[3]{v}}\right)$	T	K	L	T
23100	19577	1	$\sqrt{-\frac{v^{2/3} + (\tan(u))^2 (\operatorname{Exp}(w))^2}{v^{2/3}}}$	T	K	L	P
23101	19578	1	$\sqrt{\frac{v^{2/3} + (\tan(u))^2 (\operatorname{Exp}(w))^2}{v^{2/3}}}$	T	K	L	H
23102	19579	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}$	T	K	S	CD
23103	19580	1	$\frac{\cos(u) \sqrt[3]{v}}{\sin(u) \sin(w)}$	T	K	S	CDI
23104	19581	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt[3]{v}}$	T	K	S	CDF
23105	19582	1	$\frac{\cos(u) \sqrt[3]{v}}{\sin(u) \sin(w) \pi}$	T	K	S	CDIF

23106	19583	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 v^{2/3}}$	T	K	S	AB
23107	19584	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}}$	T	K	S	R
23108	19585	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v}$	T	K	S	K
23109	19586	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}}$	T	K	S	E
23110	19587	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}\right)$	T	K	S	L
23111	19588	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}\right)$	T	K	S	S
23112	19589	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v}}\right)$	T	K	S	T
23113	19590	1	$\sqrt{\frac{(\cos(u))^2 v^{2/3} - 1 + (\cos(w))^2 \pm (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^{2/3}}}$	T	K	S	P
23114	19591	1	$\sqrt{\frac{(\cos(u))^2 v^{2/3} + 1 - (\cos(w))^2 \mp (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 v^{2/3}}}$	T	K	S	H
23115	19592	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}$	T	K	T	CD
23116	19593	1	$\frac{\cos(u) \sqrt[3]{v} \cos(w)}{\sin(u) \sin(w)}$	T	K	T	CDI
23117	19594	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt[3]{v} \cos(w)}$	T	K	T	CDF
23118	19595	1	$\frac{\cos(u) \sqrt[3]{v} \cos(w)}{\sin(u) \sin(w) \pi}$	T	K	T	CDIF
23119	19596	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 v^{2/3} (\cos(w))^2}$	T	K	T	AB

23120	19597	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}}$	T	K	T	R
23121	19598	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 v (\cos(w))^3}$	T	K	T	K
23122	19599	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}}$	T	K	T	E
23123	19600	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}\right)$	T	K	T	L
23124	19601	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}\right)$	T	K	T	S
23125	19602	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt[3]{v} \cos(w)}\right)$	T	K	T	T
23126	19603	1	$\sqrt{\frac{(\cos(u))^2 v^{2/3} (\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2}{(\cos(u))^2 v^{2/3} (\cos(w))^2}}$	T	K	T	P
23127	19604	1	$\sqrt{\frac{(\cos(u))^2 v^{2/3} (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2}{(\cos(u))^2 v^{2/3} (\cos(w))^2}}$	T	K	T	H
23128	19605	1	$\frac{\tan(u) \sqrt{1-w^2}}{\sqrt[3]{v}}$	T	K	P	CD
23129	19606	1	$\frac{\sqrt[3]{v}}{\tan(u) \sqrt{1-w^2}}$	T	K	P	CDI
23130	19607	1	$\frac{\tan(u) \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	T	K	P	CDF
23131	19608	1	$\frac{\sqrt[3]{v}}{\tan(u) \sqrt{1-w^2} \pi}$	T	K	P	CDIF
23132	19609	1	$-\frac{(\tan(u))^2 (-1+w^2)}{v^{2/3}}$	T	K	P	AB
23133	19610	1	$\sqrt{\frac{\tan(u) \sqrt{1-w^2}}{\sqrt[3]{v}}}$	T	K	P	R

23134	19611	1	$\frac{(\tan(u))^3 (1-w^2)^{3/2}}{v}$	T	K	P	K
23135	19612	1	$e^{\frac{\tan(u)\sqrt{1-w^2}}{\sqrt[3]{v}}}$	T	K	P	E
23136	19613	1	$\log\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	T	K	P	L
23137	19614	1	$\arcsin\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	T	K	P	S
23138	19615	1	$\arctan\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	T	K	P	T
23139	19616	1	$\sqrt{\frac{v^{2/3} - (\tan(u))^2 + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	P	P
23140	19616	2	$\sqrt{\frac{v^{2/3} - (\tan(u))^2 + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	H	H
23141	19617	1	$\sqrt{-\frac{v^{2/3} - (\tan(u))^2 + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	P	H
23142	19617	2	$\sqrt{-\frac{v^{2/3} - (\tan(u))^2 + (\tan(u))^2 w^2}{v^{2/3}}}$	T	K	H	P
23143	19618	1	$\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt[3]{v}}$	T	K	H	CD
23144	19619	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt{-1+w^2}}$	T	K	H	CDI
23145	19620	1	$\frac{\tan(u)\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	T	K	H	CDF
23146	19621	1	$\frac{\sqrt[3]{v}}{\tan(u)\sqrt{-1+w^2}\pi}$	T	K	H	CDIF
23147	19622	1	$\frac{(\tan(u))^2 (-1+w^2)}{v^{2/3}}$	T	K	H	AB

23148	19623	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}}$	T	K	H	R
23149	19624	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{v}$	T	K	H	K
23150	19625	1	$e^{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}}$	T	K	H	E
23151	19626	1	$\log\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	T	K	H	L
23152	19627	1	$\arcsin\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	T	K	H	S
23153	19628	1	$\arctan\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	T	K	H	T
23154	19629	1	$\frac{\tan(u) w}{\ln(v)}$	T	E	CD	CD
23155	19629	2	$\frac{\tan(u) w}{\ln(v)}$	T	E	CDF	CDF
23156	19630	1	$\frac{\ln(v)}{\tan(u) w}$	T	E	CD	CDI
23157	19630	2	$\frac{\ln(v)}{\tan(u) w}$	T	E	CDF	CDIF
23158	19631	1	$\frac{\tan(u) w \pi}{\ln(v)}$	T	E	CD	CDF
23159	19632	1	$\frac{\ln(v)}{\tan(u) w \pi}$	T	E	CD	CDIF
23160	19633	1	$\frac{(\tan(u))^2 w^2}{(\ln(v))^2}$	T	E	CD	AB
23161	19634	1	$\sqrt{\frac{\tan(u) w}{\ln(v)}}$	T	E	CD	R
23162	19635	1	$\frac{(\tan(u))^3 w^3}{(\ln(v))^3}$	T	E	CD	K

23163	19636	1	$e^{\frac{\tan(u)w}{\ln(v)}}$	T	E	CD	E
23164	19637	1	$\log\left(\frac{\tan(u)w}{\ln(v)}\right)$	T	E	CD	L
23165	19638	1	$\arcsin\left(\frac{\tan(u)w}{\ln(v)}\right)$	T	E	CD	S
23166	19639	1	$\arctan\left(\frac{\tan(u)w}{\ln(v)}\right)$	T	E	CD	T
23167	19640	1	$\sqrt{-\frac{(\ln(v))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	T	E	CD	P
23168	19641	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	T	E	CD	H
23169	19642	1	$\frac{\tan(u)}{\ln(v)w}$	T	E	CDI	CD
23170	19642	2	$\frac{\tan(u)}{\ln(v)w}$	T	E	CDIF	CDF
23171	19643	1	$\frac{\ln(v)w}{\tan(u)}$	T	E	CDI	CDI
23172	19643	2	$\frac{\ln(v)w}{\tan(u)}$	T	E	CDIF	CDIF
23173	19644	1	$\frac{\tan(u)\pi}{\ln(v)w}$	T	E	CDI	CDF
23174	19645	1	$\frac{\ln(v)w}{\tan(u)\pi}$	T	E	CDI	CDIF
23175	19646	1	$\frac{(\tan(u))^2}{(\ln(v))^2 w^2}$	T	E	CDI	AB
23176	19647	1	$\sqrt{\frac{\tan(u)}{\ln(v)w}}$	T	E	CDI	R
23177	19648	1	$\frac{(\tan(u))^3}{(\ln(v))^3 w^3}$	T	E	CDI	K

23178	19649	1	$e^{\frac{\tan(u)}{\ln(v)w}}$	T	E	CDI	E
23179	19650	1	$\log\left(\frac{\tan(u)}{\ln(v)w}\right)$	T	E	CDI	L
23180	19651	1	$\arcsin\left(\frac{\tan(u)}{\ln(v)w}\right)$	T	E	CDI	S
23181	19652	1	$\arctan\left(\frac{\tan(u)}{\ln(v)w}\right)$	T	E	CDI	T
23182	19653	1	$\sqrt{\frac{(\ln(v))^2 w^2 - (\tan(u))^2}{(\ln(v))^2 w^2}}$	T	E	CDI	P
23183	19654	1	$\sqrt{\frac{(\ln(v))^2 w^2 + (\tan(u))^2}{(\ln(v))^2 w^2}}$	T	E	CDI	H
23184	19655	1	$\frac{\tan(u)w}{\ln(v)\pi}$	T	E	CDF	CD
23185	19656	1	$\frac{\ln(v)\pi}{\tan(u)w}$	T	E	CDF	CDI
23186	19657	1	$\frac{(\tan(u))^2 w^2}{(\ln(v))^2 \pi^2}$	T	E	CDF	AB
23187	19658	1	$\sqrt{\frac{\tan(u)w}{\ln(v)\pi}}$	T	E	CDF	R
23188	19659	1	$\frac{(\tan(u))^3 w^3}{(\ln(v))^3 \pi^3}$	T	E	CDF	K
23189	19660	1	$e^{\frac{\tan(u)w}{\ln(v)\pi}}$	T	E	CDF	E
23190	19661	1	$\log\left(\frac{\tan(u)w}{\ln(v)\pi}\right)$	T	E	CDF	L
23191	19662	1	$\arcsin\left(\frac{\tan(u)w}{\ln(v)\pi}\right)$	T	E	CDF	S

23192	19663	1	$\arctan\left(\frac{\tan(u) w}{\ln(v) \pi}\right)$	T	E	CDF	T
23193	19664	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - (\tan(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	T	E	CDF	P
23194	19665	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 + (\tan(u))^2 w^2}{(\ln(v))^2 \pi^2}}$	T	E	CDF	H
23195	19666	1	$\frac{\tan(u)}{\ln(v) w \pi}$	T	E	CDIF	CD
23196	19667	1	$\frac{\ln(v) w \pi}{\tan(u)}$	T	E	CDIF	CDI
23197	19668	1	$\frac{(\tan(u))^2}{(\ln(v))^2 w^2 \pi^2}$	T	E	CDIF	AB
23198	19669	1	$\sqrt{\frac{\tan(u)}{\ln(v) w \pi}}$	T	E	CDIF	R
23199	19670	1	$\frac{(\tan(u))^3}{(\ln(v))^3 w^3 \pi^3}$	T	E	CDIF	K
23200	19671	1	$e^{\frac{\tan(u)}{\ln(v) w \pi}}$	T	E	CDIF	E
23201	19672	1	$\log\left(\frac{\tan(u)}{\ln(v) w \pi}\right)$	T	E	CDIF	L
23202	19673	1	$\arcsin\left(\frac{\tan(u)}{\ln(v) w \pi}\right)$	T	E	CDIF	S
23203	19674	1	$\arctan\left(\frac{\tan(u)}{\ln(v) w \pi}\right)$	T	E	CDIF	T
23204	19675	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 - (\tan(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	T	E	CDIF	P
23205	19676	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 + (\tan(u))^2}{(\ln(v))^2 w^2 \pi^2}}$	T	E	CDIF	H

23206	19677	1	$\frac{\tan(u) \sqrt{w}}{\ln(v)}$	T	E	AB	CD
23207	19678	1	$\frac{\ln(v)}{\tan(u) \sqrt{w}}$	T	E	AB	CDI
23208	19679	1	$\frac{\tan(u) \sqrt{w} \pi}{\ln(v)}$	T	E	AB	CDF
23209	19680	1	$\frac{\ln(v)}{\tan(u) \sqrt{w} \pi}$	T	E	AB	CDIF
23210	19681	1	$\frac{(\tan(u))^2 w}{(\ln(v))^2}$	T	E	AB	AB
23211	19682	1	$\sqrt{\frac{\tan(u) \sqrt{w}}{\ln(v)}}$	T	E	AB	R
23212	19683	1	$\frac{(\tan(u))^3 w^{3/2}}{(\ln(v))^3}$	T	E	AB	K
23213	19684	1	$e^{\frac{\tan(u) \sqrt{w}}{\ln(v)}}$	T	E	AB	E
23214	19685	1	$\log\left(\frac{\tan(u) \sqrt{w}}{\ln(v)}\right)$	T	E	AB	L
23215	19686	1	$\arcsin\left(\frac{\tan(u) \sqrt{w}}{\ln(v)}\right)$	T	E	AB	S
23216	19687	1	$\arctan\left(\frac{\tan(u) \sqrt{w}}{\ln(v)}\right)$	T	E	AB	T
23217	19688	1	$\sqrt{-\frac{(\ln(v))^2 + (\tan(u))^2 w}{(\ln(v))^2}}$	T	E	AB	P
23218	19689	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 w}{(\ln(v))^2}}$	T	E	AB	H
23219	19690	1	$\frac{\tan(u) w^2}{\ln(v)}$	T	E	R	CD
23220	19691	1	$\frac{\ln(v)}{\tan(u) w^2}$	T	E	R	CDI

23221	19692	1	$\frac{\tan(u) w^2 \pi}{\ln(v)}$	T	E	R	CDF
23222	19693	1	$\frac{\ln(v)}{\tan(u) w^2 \pi}$	T	E	R	CDIF
23223	19694	1	$\frac{(\tan(u))^2 w^4}{(\ln(v))^2}$	T	E	R	AB
23224	19695	1	$\sqrt{\frac{\tan(u) w^2}{\ln(v)}}$	T	E	R	R
23225	19696	1	$\frac{(\tan(u))^3 w^6}{(\ln(v))^3}$	T	E	R	K
23226	19697	1	$e^{\frac{\tan(u) w^2}{\ln(v)}}$	T	E	R	E
23227	19698	1	$\log\left(\frac{\tan(u) w^2}{\ln(v)}\right)$	T	E	R	L
23228	19699	1	$\arcsin\left(\frac{\tan(u) w^2}{\ln(v)}\right)$	T	E	R	S
23229	19700	1	$\arctan\left(\frac{\tan(u) w^2}{\ln(v)}\right)$	T	E	R	T
23230	19701	1	$\sqrt{-\frac{(\ln(v))^2 + (\tan(u))^2 w^4}{(\ln(v))^2}}$	T	E	R	P
23231	19702	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 w^4}{(\ln(v))^2}}$	T	E	R	H
23232	19703	1	$\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}$	T	E	K	CD
23233	19704	1	$\frac{\ln(v)}{\tan(u) \sqrt[3]{w}}$	T	E	K	CDI
23234	19705	1	$\frac{\tan(u) \sqrt[3]{w} \pi}{\ln(v)}$	T	E	K	CDF

23235	19706	1	$\frac{\ln(v)}{\tan(u) \sqrt[3]{w}\pi}$	T	E	K	CDIF
23236	19707	1	$\frac{(\tan(u))^2 w^{2/3}}{(\ln(v))^2}$	T	E	K	AB
23237	19708	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}}$	T	E	K	R
23238	19709	1	$\frac{(\tan(u))^3 w}{(\ln(v))^3}$	T	E	K	K
23239	19710	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}}$	T	E	K	E
23240	19711	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}\right)$	T	E	K	L
23241	19712	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}\right)$	T	E	K	S
23242	19713	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{\ln(v)}\right)$	T	E	K	T
23243	19714	1	$\sqrt{-\frac{(\ln(v))^2 + (\tan(u))^2 w^{2/3}}{(\ln(v))^2}}$	T	E	K	P
23244	19715	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 w^{2/3}}{(\ln(v))^2}}$	T	E	K	H
23245	19716	1	$\frac{\tan(u) \ln(w)}{\ln(v)}$	T	E	E	CD
23246	19717	1	$\frac{\ln(v)}{\tan(u) \ln(w)}$	T	E	E	CDI
23247	19718	1	$\frac{\tan(u) \ln(w) \pi}{\ln(v)}$	T	E	E	CDF
23248	19719	1	$\frac{\ln(v)}{\tan(u) \ln(w) \pi}$	T	E	E	CDIF

23249	19720	1	$\frac{(\tan(u))^2 (\ln(w))^2}{(\ln(v))^2}$	T	E	E	AB
23250	19721	1	$\sqrt{\frac{\tan(u) \ln(w)}{\ln(v)}}$	T	E	E	R
23251	19722	1	$\frac{(\tan(u))^3 (\ln(w))^3}{(\ln(v))^3}$	T	E	E	K
23252	19723	1	$w^{\frac{\tan(u)}{\ln(v)}}$	T	E	E	E
23253	19724	1	$\log\left(\frac{\tan(u) \ln(w)}{\ln(v)}\right)$	T	E	E	L
23254	19725	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{\ln(v)}\right)$	T	E	E	S
23255	19726	1	$\arctan\left(\frac{\tan(u) \ln(w)}{\ln(v)}\right)$	T	E	E	T
23256	19727	1	$\sqrt{-\frac{(\ln(v))^2 + (\tan(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	T	E	E	P
23257	19728	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 (\ln(w))^2}{(\ln(v))^2}}$	T	E	E	H
23258	19729	1	$\frac{\tan(u) \text{Exp}(w)}{\ln(v)}$	T	E	L	CD
23259	19730	1	$\frac{\ln(v)}{\tan(u) \text{Exp}(w)}$	T	E	L	CDI
23260	19731	1	$\frac{\tan(u) \text{Exp}(w) \pi}{\ln(v)}$	T	E	L	CDF
23261	19732	1	$\frac{\ln(v)}{\tan(u) \text{Exp}(w) \pi}$	T	E	L	CDIF
23262	19733	1	$\frac{(\tan(u))^2 (\text{Exp}(w))^2}{(\ln(v))^2}$	T	E	L	AB

23263	19734	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w)}{\ln(v)}}$	T	E	L	R
23264	19735	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3}{(\ln(v))^3}$	T	E	L	K
23265	19736	1	$e^{\frac{\tan(u) \operatorname{Exp}(w)}{\ln(v)}}$	T	E	L	E
23266	19737	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	T	E	L	L
23267	19738	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	T	E	L	S
23268	19739	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w)}{\ln(v)}\right)$	T	E	L	T
23269	19740	1	$\sqrt{\frac{(\ln(v))^2 - (\tan(u))^2 (\operatorname{Exp}(w))^2}{(\ln(v))^2}}$	T	E	L	P
23270	19741	1	$\sqrt{\frac{(\ln(v))^2 + (\tan(u))^2 (\operatorname{Exp}(w))^2}{(\ln(v))^2}}$	T	E	L	H
23271	19742	1	$\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}$	T	E	S	CD
23272	19743	1	$\frac{\cos(u) \ln(v)}{\sin(u) \sin(w)}$	T	E	S	CDI
23273	19744	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \ln(v)}$	T	E	S	CDF
23274	19745	1	$\frac{\cos(u) \ln(v)}{\sin(u) \sin(w) \pi}$	T	E	S	CDIF
23275	19746	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 (\ln(v))^2}$	T	E	S	AB
23276	19747	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}}$	T	E	S	R

23277	19748	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 (\ln(v))^3}$	T	E	S	K
23278	19749	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}}$	T	E	S	E
23279	19750	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}\right)$	T	E	S	L
23280	19751	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}\right)$	T	E	S	S
23281	19752	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \ln(v)}\right)$	T	E	S	T
23282	19753	1	$\sqrt{\frac{-(\cos(u))^2 (\ln(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\ln(v))^2}}$	T	E	S	P
23283	19754	1	$\sqrt{\frac{(\cos(u))^2 (\ln(v))^2 + 1 - (\cos(w))^2 - (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\ln(v))^2}}$	T	E	S	H
23284	19755	1	$\frac{\sin(u) \sin(w)}{\cos(u) \ln(v) \cos(w)}$	T	E	T	CD
23285	19756	1	$\frac{\cos(u) \ln(v) \cos(w)}{\sin(u) \sin(w)}$	T	E	T	CDI
23286	19757	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \ln(v) \cos(w)}$	T	E	T	CDF
23287	19758	1	$\frac{\cos(u) \ln(v) \cos(w)}{\sin(u) \sin(w) \pi}$	T	E	T	CDIF
23288	19759	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 (\ln(v))^2 (\cos(w))^2}$	T	E	T	AB
23289	19760	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \ln(v) \cos(w)}}$	T	E	T	R
23290	19761	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 (\ln(v))^3 (\cos(w))^3}$	T	E	T	K
23291	19762	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \ln(v) \cos(w)}}$	T	E	T	E

23292	19763	1	$\log \left(\frac{\sin (u) \sin (w)}{\cos (u) \ln (v) \cos (w)} \right)$	T	E	T	L
23293	19764	1	$\arcsin \left(\frac{\sin (u) \sin (w)}{\cos (u) \ln (v) \cos (w)} \right)$	T	E	T	S
23294	19765	1	$\arctan \left(\frac{\sin (u) \sin (w)}{\cos (u) \ln (v) \cos (w)} \right)$	T	E	T	T
23295	19766	1	$\sqrt{\frac{(\cos (u))^2 (\ln (v))^2 (\cos (w))^2 - 1 + (\cos (w))^2 + (\cos (u))^2 - (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 (\ln (v))^2 (\cos (w))^2}}$	T	E	T	P
23296	19767	1	$\sqrt{\frac{(\cos (u))^2 (\ln (v))^2 (\cos (w))^2 + 1 - (\cos (w))^2 - (\cos (u))^2 + (\cos (u))^2 (\cos (w))^2}{(\cos (u))^2 (\ln (v))^2 (\cos (w))^2}}$	T	E	T	H
23297	19768	1	$\frac{\tan (u) \sqrt{1-w^2}}{\ln (v)}$	T	E	P	CD
23298	19769	1	$\frac{\ln (v)}{\tan (u) \sqrt{1-w^2}}$	T	E	P	CDI
23299	19770	1	$\frac{\tan (u) \sqrt{1-w^2} \pi}{\ln (v)}$	T	E	P	CDF
23300	19771	1	$\frac{\ln (v)}{\tan (u) \sqrt{1-w^2} \pi}$	T	E	P	CDIF
23301	19772	1	$-\frac{(\tan (u))^2 (-1+w^2)}{(\ln (v))^2}$	T	E	P	AB
23302	19773	1	$\sqrt{\frac{\tan (u) \sqrt{1-w^2}}{\ln (v)}}$	T	E	P	R
23303	19774	1	$\frac{(\tan (u))^3 (1-w^2)^{3/2}}{(\ln (v))^3}$	T	E	P	K
23304	19775	1	$e^{\frac{\tan (u) \sqrt{1-w^2}}{\ln (v)}}$	T	E	P	E
23305	19776	1	$\log \left(\frac{\tan (u) \sqrt{1-w^2}}{\ln (v)} \right)$	T	E	P	L

23306	19777	1	$\arcsin \left(\frac{\tan(u) \sqrt{1-w^2}}{\ln(v)} \right)$	T	E	P	S
23307	19778	1	$\arctan \left(\frac{\tan(u) \sqrt{1-w^2}}{\ln(v)} \right)$	T	E	P	T
23308	19779	1	$\sqrt{\frac{(\ln(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	T	E	P	P
23309	19779	2	$\sqrt{\frac{(\ln(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	E	H	H	
23310	19780	1	$\sqrt{-\frac{(\ln(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	T	E	P	H
23311	19780	2	$\sqrt{-\frac{(\ln(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(\ln(v))^2}}$	T	E	H	P
23312	19781	1	$\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)}$	T	E	H	CD
23313	19782	1	$\frac{\ln(v)}{\tan(u) \sqrt{-1+w^2}}$	T	E	H	CDI
23314	19783	1	$\frac{\tan(u) \sqrt{-1+w^2} \pi}{\ln(v)}$	T	E	H	CDF
23315	19784	1	$\frac{\ln(v)}{\tan(u) \sqrt{-1+w^2} \pi}$	T	E	H	CDIF
23316	19785	1	$\frac{(\tan(u))^2 (-1+w^2)}{(\ln(v))^2}$	T	E	H	AB
23317	19786	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)}}$	T	E	H	R
23318	19787	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{(\ln(v))^3}$	T	E	H	K
23319	19788	1	$e^{\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)}}$	T	E	H	E

23320	19789	1	$\log \left(\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)} \right)$	T	E	H	L
23321	19790	1	$\arcsin \left(\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)} \right)$	T	E	H	S
23322	19791	1	$\arctan \left(\frac{\tan(u) \sqrt{-1+w^2}}{\ln(v)} \right)$	T	E	H	T
23323	19792	1	$\frac{\tan(u) w}{Exp(v)}$	T	L	CD	CD
23324	19792	2	$\frac{\tan(u) w}{Exp(v)}$	T	L	CDF	CDF
23325	19793	1	$\frac{Exp(v)}{\tan(u) w}$	T	L	CD	CDI
23326	19793	2	$\frac{Exp(v)}{\tan(u) w}$	T	L	CDF	CDIF
23327	19794	1	$\frac{\tan(u) w \pi}{Exp(v)}$	T	L	CD	CDF
23328	19795	1	$\frac{Exp(v)}{\tan(u) w \pi}$	T	L	CD	CDIF
23329	19796	1	$\frac{(\tan(u))^2 w^2}{(Exp(v))^2}$	T	L	CD	AB
23330	19797	1	$\sqrt{\frac{\tan(u) w}{Exp(v)}}$	T	L	CD	R
23331	19798	1	$\frac{(\tan(u))^3 w^3}{(Exp(v))^3}$	T	L	CD	K
23332	19799	1	$e^{\frac{\tan(u) w}{Exp(v)}}$	T	L	CD	E
23333	19800	1	$\log \left(\frac{\tan(u) w}{Exp(v)} \right)$	T	L	CD	L

23334	19801	1	$\arcsin\left(\frac{\tan(u) w}{Exp(v)}\right)$	T	L	CD	S
23335	19802	1	$\arctan\left(\frac{\tan(u) w}{Exp(v)}\right)$	T	L	CD	T
23336	19803	1	$\sqrt{-\frac{(Exp(v))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	T	L	CD	P
23337	19804	1	$\sqrt{\frac{(Exp(v))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	T	L	CD	H
23338	19805	1	$\frac{\tan(u)}{Exp(v) w}$	T	L	CDI	CD
23339	19805	2	$\frac{\tan(u)}{Exp(v) w}$	T	L	CDIF	CDF
23340	19806	1	$\frac{Exp(v) w}{\tan(u)}$	T	L	CDI	CDI
23341	19806	2	$\frac{Exp(v) w}{\tan(u)}$	T	L	CDIF	CDIF
23342	19807	1	$\frac{\tan(u) \pi}{Exp(v) w}$	T	L	CDI	CDF
23343	19808	1	$\frac{Exp(v) w}{\tan(u) \pi}$	T	L	CDI	CDIF
23344	19809	1	$\frac{(\tan(u))^2}{(Exp(v))^2 w^2}$	T	L	CDI	AB
23345	19810	1	$\sqrt{\frac{\tan(u)}{Exp(v) w}}$	T	L	CDI	R
23346	19811	1	$\frac{(\tan(u))^3}{(Exp(v))^3 w^3}$	T	L	CDI	K
23347	19812	1	$e^{\frac{\tan(u)}{Exp(v) w}}$	T	L	CDI	E
23348	19813	1	$\log\left(\frac{\tan(u)}{Exp(v) w}\right)$	T	L	CDI	L

23349	19814	1	$\arcsin\left(\frac{\tan(u)}{\text{Exp}(v) w}\right)$	T	L	CDI	S
23350	19815	1	$\arctan\left(\frac{\tan(u)}{\text{Exp}(v) w}\right)$	T	L	CDI	T
23351	19816	1	$\sqrt{\frac{(\text{Exp}(v))^2 w^2 - (\tan(u))^2}{(\text{Exp}(v))^2 w^2}}$	T	L	CDI	P
23352	19817	1	$\sqrt{\frac{(\text{Exp}(v))^2 w^2 + (\tan(u))^2}{(\text{Exp}(v))^2 w^2}}$	T	L	CDI	H
23353	19818	1	$\frac{\tan(u) w}{\text{Exp}(v) \pi}$	T	L	CDF	CD
23354	19819	1	$\frac{\text{Exp}(v) \pi}{\tan(u) w}$	T	L	CDF	CDI
23355	19820	1	$\frac{(\tan(u))^2 w^2}{(\text{Exp}(v))^2 \pi^2}$	T	L	CDF	AB
23356	19821	1	$\sqrt{\frac{\tan(u) w}{\text{Exp}(v) \pi}}$	T	L	CDF	R
23357	19822	1	$\frac{(\tan(u))^3 w^3}{(\text{Exp}(v))^3 \pi^3}$	T	L	CDF	K
23358	19823	1	$e^{\frac{\tan(u) w}{\text{Exp}(v) \pi}}$	T	L	CDF	E
23359	19824	1	$\log\left(\frac{\tan(u) w}{\text{Exp}(v) \pi}\right)$	T	L	CDF	L
23360	19825	1	$\arcsin\left(\frac{\tan(u) w}{\text{Exp}(v) \pi}\right)$	T	L	CDF	S
23361	19826	1	$\arctan\left(\frac{\tan(u) w}{\text{Exp}(v) \pi}\right)$	T	L	CDF	T
23362	19827	1	$\sqrt{\frac{(\text{Exp}(v))^2 \pi^2 - (\tan(u))^2 w^2}{(\text{Exp}(v))^2 \pi^2}}$	T	L	CDF	P

23363	19828	1	$\sqrt{\frac{(Exp(v))^2 \pi^2 + (\tan(u))^2 w^2}{(Exp(v))^2 \pi^2}}$	T	L	CDF	H
23364	19829	1	$\frac{\tan(u)}{Exp(v) w \pi}$	T	L	CDIF	CD
23365	19830	1	$\frac{Exp(v) w \pi}{\tan(u)}$	T	L	CDIF	CDI
23366	19831	1	$\frac{(\tan(u))^2}{(Exp(v))^2 w^2 \pi^2}$	T	L	CDIF	AB
23367	19832	1	$\sqrt{\frac{\tan(u)}{Exp(v) w \pi}}$	T	L	CDIF	R
23368	19833	1	$\frac{(\tan(u))^3}{(Exp(v))^3 w^3 \pi^3}$	T	L	CDIF	K
23369	19834	1	$e^{\frac{\tan(u)}{Exp(v) w \pi}}$	T	L	CDIF	E
23370	19835	1	$\log\left(\frac{\tan(u)}{Exp(v) w \pi}\right)$	T	L	CDIF	L
23371	19836	1	$\arcsin\left(\frac{\tan(u)}{Exp(v) w \pi}\right)$	T	L	CDIF	S
23372	19837	1	$\arctan\left(\frac{\tan(u)}{Exp(v) w \pi}\right)$	T	L	CDIF	T
23373	19838	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - (\tan(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	T	L	CDIF	P
23374	19839	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 + (\tan(u))^2}{(Exp(v))^2 w^2 \pi^2}}$	T	L	CDIF	H
23375	19840	1	$\frac{\tan(u) \sqrt{w}}{Exp(v)}$	T	L	AB	CD
23376	19841	1	$\frac{Exp(v)}{\tan(u) \sqrt{w}}$	T	L	AB	CDI

23377	19842	1	$\frac{\tan(u) \sqrt{w} \pi}{Exp(v)}$	T	L	AB	CDF
23378	19843	1	$\frac{Exp(v)}{\tan(u) \sqrt{w} \pi}$	T	L	AB	CDIF
23379	19844	1	$\frac{(\tan(u))^2 w}{(Exp(v))^2}$	T	L	AB	AB
23380	19845	1	$\sqrt{\frac{\tan(u) \sqrt{w}}{Exp(v)}}$	T	L	AB	R
23381	19846	1	$\frac{(\tan(u))^3 w^{3/2}}{(Exp(v))^3}$	T	L	AB	K
23382	19847	1	$e^{\frac{\tan(u) \sqrt{w}}{Exp(v)}}$	T	L	AB	E
23383	19848	1	$\log\left(\frac{\tan(u) \sqrt{w}}{Exp(v)}\right)$	T	L	AB	L
23384	19849	1	$\arcsin\left(\frac{\tan(u) \sqrt{w}}{Exp(v)}\right)$	T	L	AB	S
23385	19850	1	$\arctan\left(\frac{\tan(u) \sqrt{w}}{Exp(v)}\right)$	T	L	AB	T
23386	19851	1	$\sqrt{-\frac{(Exp(v))^2 + (\tan(u))^2 w}{(Exp(v))^2}}$	T	L	AB	P
23387	19852	1	$\sqrt{\frac{(Exp(v))^2 + (\tan(u))^2 w}{(Exp(v))^2}}$	T	L	AB	H
23388	19853	1	$\frac{\tan(u) w^2}{Exp(v)}$	T	L	R	CD
23389	19854	1	$\frac{Exp(v)}{\tan(u) w^2}$	T	L	R	CDI
23390	19855	1	$\frac{\tan(u) w^2 \pi}{Exp(v)}$	T	L	R	CDF
23391	19856	1	$\frac{Exp(v)}{\tan(u) w^2 \pi}$	T	L	R	CDIF

23392	19857	1	$\frac{(\tan(u))^2 w^4}{(Exp(v))^2}$	T	L	R	AB
23393	19858	1	$\sqrt{\frac{\tan(u) w^2}{Exp(v)}}$	T	L	R	R
23394	19859	1	$\frac{(\tan(u))^3 w^6}{(Exp(v))^3}$	T	L	R	K
23395	19860	1	$e^{\frac{\tan(u) w^2}{Exp(v)}}$	T	L	R	E
23396	19861	1	$\log\left(\frac{\tan(u) w^2}{Exp(v)}\right)$	T	L	R	L
23397	19862	1	$\arcsin\left(\frac{\tan(u) w^2}{Exp(v)}\right)$	T	L	R	S
23398	19863	1	$\arctan\left(\frac{\tan(u) w^2}{Exp(v)}\right)$	T	L	R	T
23399	19864	1	$\sqrt{-\frac{(Exp(v))^2 + (\tan(u))^2 w^4}{(Exp(v))^2}}$	T	L	R	P
23400	19865	1	$\sqrt{\frac{(Exp(v))^2 + (\tan(u))^2 w^4}{(Exp(v))^2}}$	T	L	R	H
23401	19866	1	$\frac{\tan(u) \sqrt[3]{w}}{Exp(v)}$	T	L	K	CD
23402	19867	1	$\frac{Exp(v)}{\tan(u) \sqrt[3]{w}}$	T	L	K	CDI
23403	19868	1	$\frac{\tan(u) \sqrt[3]{w} \pi}{Exp(v)}$	T	L	K	CDF
23404	19869	1	$\frac{Exp(v)}{\tan(u) \sqrt[3]{w} \pi}$	T	L	K	CDIF
23405	19870	1	$\frac{(\tan(u))^2 w^{2/3}}{(Exp(v))^2}$	T	L	K	AB

23406	19871	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{\text{Exp}(v)}}$	T	L	K	R
23407	19872	1	$\frac{(\tan(u))^3 w}{(\text{Exp}(v))^3}$	T	L	K	K
23408	19873	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{\text{Exp}(v)}}$	T	L	K	E
23409	19874	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	T	L	K	L
23410	19875	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	T	L	K	S
23411	19876	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{\text{Exp}(v)}\right)$	T	L	K	T
23412	19877	1	$\sqrt{\frac{(\text{Exp}(v))^2 - (\tan(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	T	L	K	P
23413	19878	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\tan(u))^2 w^{2/3}}{(\text{Exp}(v))^2}}$	T	L	K	H
23414	19879	1	$\frac{\tan(u) \ln(w)}{\text{Exp}(v)}$	T	L	E	CD
23415	19880	1	$\frac{\text{Exp}(v)}{\tan(u) \ln(w)}$	T	L	E	CDI
23416	19881	1	$\frac{\tan(u) \ln(w) \pi}{\text{Exp}(v)}$	T	L	E	CDF
23417	19882	1	$\frac{\text{Exp}(v)}{\tan(u) \ln(w) \pi}$	T	L	E	CDIF
23418	19883	1	$\frac{(\tan(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}$	T	L	E	AB
23419	19884	1	$\sqrt{\frac{\tan(u) \ln(w)}{\text{Exp}(v)}}$	T	L	E	R

23420	19885	1	$\frac{(\tan(u))^3 (\ln(w))^3}{(\text{Exp}(v))^3}$	T	L	E	K
23421	19886	1	$w^{\frac{\tan(u)}{\text{Exp}(v)}}$	T	L	E	E
23422	19887	1	$\log\left(\frac{\tan(u) \ln(w)}{\text{Exp}(v)}\right)$	T	L	E	L
23423	19888	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{\text{Exp}(v)}\right)$	T	L	E	S
23424	19889	1	$\arctan\left(\frac{\tan(u) \ln(w)}{\text{Exp}(v)}\right)$	T	L	E	T
23425	19890	1	$\sqrt{\frac{(\text{Exp}(v))^2 - (\tan(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	T	L	E	P
23426	19891	1	$\sqrt{\frac{(\text{Exp}(v))^2 + (\tan(u))^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	T	L	E	H
23427	19892	1	$\frac{\tan(u) \text{Exp}(w)}{\text{Exp}(v)}$	T	L	L	CD
23428	19893	1	$\frac{\text{Exp}(v)}{\tan(u) \text{Exp}(w)}$	T	L	L	CDI
23429	19894	1	$\frac{\tan(u) \text{Exp}(w) \pi}{\text{Exp}(v)}$	T	L	L	CDF
23430	19895	1	$\frac{\text{Exp}(v)}{\tan(u) \text{Exp}(w) \pi}$	T	L	L	CDIF
23431	19896	1	$\frac{(\tan(u))^2 (\text{Exp}(w))^2}{(\text{Exp}(v))^2}$	T	L	L	AB
23432	19897	1	$\sqrt{\frac{\tan(u) \text{Exp}(w)}{\text{Exp}(v)}}$	T	L	L	R
23433	19898	1	$\frac{(\tan(u))^3 (\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	T	L	L	K
23434	19899	1	$e^{\frac{\tan(u) \text{Exp}(w)}{\text{Exp}(v)}}$	T	L	L	E

23435	19900	1	$\log \left(\frac{\tan (u) \operatorname{Exp}(w)}{\operatorname{Exp}(v)} \right)$	T	L	L	L
23436	19901	1	$\arcsin \left(\frac{\tan (u) \operatorname{Exp}(w)}{\operatorname{Exp}(v)} \right)$	T	L	L	S
23437	19902	1	$\arctan \left(\frac{\tan (u) \operatorname{Exp}(w)}{\operatorname{Exp}(v)} \right)$	T	L	L	T
23438	19903	1	$\sqrt{\frac{(\operatorname{Exp}(v))^2 - (\tan (u))^2 (\operatorname{Exp}(w))^2}{(\operatorname{Exp}(v))^2}}$	T	L	L	P
23439	19904	1	$\sqrt{\frac{(\operatorname{Exp}(v))^2 + (\tan (u))^2 (\operatorname{Exp}(w))^2}{(\operatorname{Exp}(v))^2}}$	T	L	L	H
23440	19905	1	$\frac{\sin (u) \sin (w)}{\cos (u) \operatorname{Exp}(v)}$	T	L	S	CD
23441	19906	1	$\frac{\cos (u) \operatorname{Exp}(v)}{\sin (u) \sin (w)}$	T	L	S	CDI
23442	19907	1	$\frac{\sin (u) \sin (w) \pi}{\cos (u) \operatorname{Exp}(v)}$	T	L	S	CDF
23443	19908	1	$\frac{\cos (u) \operatorname{Exp}(v)}{\sin (u) \sin (w) \pi}$	T	L	S	CDIF
23444	19909	1	$\frac{(\sin (u))^2 (\sin (w))^2}{(\cos (u))^2 (\operatorname{Exp}(v))^2}$	T	L	S	AB
23445	19910	1	$\sqrt{\frac{\sin (u) \sin (w)}{\cos (u) \operatorname{Exp}(v)}}$	T	L	S	R
23446	19911	1	$\frac{(\sin (u))^3 (\sin (w))^3}{(\cos (u))^3 (\operatorname{Exp}(v))^3}$	T	L	S	K
23447	19912	1	$e^{\frac{\sin (u) \sin (w)}{\cos (u) \operatorname{Exp}(v)}}$	T	L	S	E
23448	19913	1	$\log \left(\frac{\sin (u) \sin (w)}{\cos (u) \operatorname{Exp}(v)} \right)$	T	L	S	L

23449	19914	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)}\right)$	T	L	S	S
23450	19915	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)}\right)$	T	L	S	T
23451	19916	1	$\sqrt{\frac{(\cos(u))^2(\operatorname{Exp}(v))^2-1+(\cos(w))^2+(\cos(u))^2-(\cos(u))^2(\cos(w))^2}{(\cos(u))^2(\operatorname{Exp}(v))^2}}$	T	L	S	P
23452	19917	1	$\sqrt{\frac{(\cos(u))^2(\operatorname{Exp}(v))^2+1-(\cos(w))^2-(\cos(u))^2+(\cos(u))^2(\cos(w))^2}{(\cos(u))^2(\operatorname{Exp}(v))^2}}$	T	L	S	H
23453	19918	1	$\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}$	T	L	T	CD
23454	19919	1	$\frac{\cos(u)\operatorname{Exp}(v)\cos(w)}{\sin(u)\sin(w)}$	T	L	T	CDI
23455	19920	1	$\frac{\sin(u)\sin(w)\pi}{\cos(u)\operatorname{Exp}(v)\cos(w)}$	T	L	T	CDF
23456	19921	1	$\frac{\cos(u)\operatorname{Exp}(v)\cos(w)}{\sin(u)\sin(w)\pi}$	T	L	T	CDIF
23457	19922	1	$\frac{(\sin(u))^2(\sin(w))^2}{(\cos(u))^2(\operatorname{Exp}(v))^2(\cos(w))^2}$	T	L	T	AB
23458	19923	1	$\sqrt{\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}}$	T	L	T	R
23459	19924	1	$\frac{(\sin(u))^3(\sin(w))^3}{(\cos(u))^3(\operatorname{Exp}(v))^3(\cos(w))^3}$	T	L	T	K
23460	19925	1	$e^{\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}}$	T	L	T	E
23461	19926	1	$\log\left(\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}\right)$	T	L	T	L
23462	19927	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}\right)$	T	L	T	S
23463	19928	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\cos(u)\operatorname{Exp}(v)\cos(w)}\right)$	T	L	T	T

23464	19929	1	$\sqrt{\frac{(\cos(u))^2 (Exp(v))^2 (\cos(w))^2 \frac{1}{T} + (\cos(w))^2 \frac{1}{L} (\cos(u))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (Exp(v))^2 (\cos(w))^2}}$				
23465	19930	1	$\sqrt{\frac{(\cos(u))^2 (Exp(v))^2 (\cos(w))^2 \frac{1}{T} - (\cos(w))^2 \frac{1}{L} (\cos(u))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (Exp(v))^2 (\cos(w))^2}}$				
23466	19931	1	$\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}$	T	L	P	CD
23467	19932	1	$\frac{Exp(v)}{\tan(u) \sqrt{1-w^2}}$	T	L	P	CDI
23468	19933	1	$\frac{\tan(u) \sqrt{1-w^2} \pi}{Exp(v)}$	T	L	P	CDF
23469	19934	1	$\frac{Exp(v)}{\tan(u) \sqrt{1-w^2} \pi}$	T	L	P	CDIF
23470	19935	1	$-\frac{(\tan(u))^2 (-1+w^2)}{(Exp(v))^2}$	T	L	P	AB
23471	19936	1	$\sqrt{\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}}$	T	L	P	R
23472	19937	1	$\frac{(\tan(u))^3 (1-w^2)^{3/2}}{(Exp(v))^3}$	T	L	P	K
23473	19938	1	$e^{\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}}$	T	L	P	E
23474	19939	1	$\log\left(\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}\right)$	T	L	P	L
23475	19940	1	$\arcsin\left(\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}\right)$	T	L	P	S
23476	19941	1	$\arctan\left(\frac{\tan(u) \sqrt{1-w^2}}{Exp(v)}\right)$	T	L	P	T

23477	19942	1	$\sqrt{\frac{(Exp(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	L	P	P
23478	19942	2	$\sqrt{\frac{(Exp(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	L	H	H
23479	19943	1	$\sqrt{-\frac{(Exp(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	L	P	H
23480	19943	2	$\sqrt{-\frac{(Exp(v))^2 - (\tan(u))^2 + (\tan(u))^2 w^2}{(Exp(v))^2}}$	L	H	P
23481	19944	1	$\frac{\tan(u) \sqrt{-1+w^2}}{Exp(v)}$	T	L	H CD
23482	19945	1	$\frac{Exp(v)}{\tan(u) \sqrt{-1+w^2}}$	T	L	H CDI
23483	19946	1	$\frac{\tan(u) \sqrt{-1+w^2} \pi}{Exp(v)}$	T	L	H CDF
23484	19947	1	$\frac{Exp(v)}{\tan(u) \sqrt{-1+w^2} \pi}$	T	L	H CDIF
23485	19948	1	$\frac{(\tan(u))^2 (-1+w^2)}{(Exp(v))^2}$	T	L	H AB
23486	19949	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{Exp(v)}}$	T	L	H R
23487	19950	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{(Exp(v))^3}$	T	L	H K
23488	19951	1	$e^{\frac{\tan(u) \sqrt{-1+w^2}}{Exp(v)}}$	T	L	H E
23489	19952	1	$\log\left(\frac{\tan(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	T	L	H L
23490	19953	1	$\arcsin\left(\frac{\tan(u) \sqrt{-1+w^2}}{Exp(v)}\right)$	T	L	H S

23491	19954	1	$\arctan\left(\frac{\tan(u)\sqrt{-1+w^2}}{\operatorname{Exp}(v)}\right)$	T	L	H	T
23492	19955	1	$\frac{\sin(u)w}{\cos(u)\sin(v)}$	T	S	CD	CD
23493	19955	2	$\frac{\sin(u)w}{\cos(u)\sin(v)}$	T	S	CDF	CDF
23494	19956	1	$\frac{\cos(u)\sin(v)}{\sin(u)w}$	T	S	CD	CDI
23495	19956	2	$\frac{\cos(u)\sin(v)}{\sin(u)w}$	T	S	CDF	CDIF
23496	19957	1	$\frac{\sin(u)w\pi}{\cos(u)\sin(v)}$	T	S	CD	CDF
23497	19958	1	$\frac{\cos(u)\sin(v)}{\sin(u)w\pi}$	T	S	CD	CDIF
23498	19959	1	$\frac{(\sin(u))^2 w^2}{(\cos(u))^2 (\sin(v))^2}$	T	S	CD	AB
23499	19960	1	$\sqrt{\frac{\sin(u)w}{\cos(u)\sin(v)}}$	T	S	CD	R
23500	19961	1	$\frac{(\sin(u))^3 w^3}{(\cos(u))^3 (\sin(v))^3}$	T	S	CD	K
23501	19962	1	$e^{\frac{\sin(u)w}{\cos(u)\sin(v)}}$	T	S	CD	E
23502	19963	1	$\log\left(\frac{\sin(u)w}{\cos(u)\sin(v)}\right)$	T	S	CD	L
23503	19964	1	$\arcsin\left(\frac{\sin(u)w}{\cos(u)\sin(v)}\right)$	T	S	CD	S
23504	19965	1	$\arctan\left(\frac{\sin(u)w}{\cos(u)\sin(v)}\right)$	T	S	CD	T
23505	19966	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	CD	P

23506	19967	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	CD	H
23507	19968	1	$\frac{\sin(u)}{\cos(u) \sin(v) w}$	T	S	CDI	CD
23508	19968	2	$\frac{\sin(u)}{\cos(u) \sin(v) w}$	T	S	CDIF	CDF
23509	19969	1	$\frac{\cos(u) \sin(v) w}{\sin(u)}$	T	S	CDI	CDI
23510	19969	2	$\frac{\cos(u) \sin(v) w}{\sin(u)}$	T	S	CDIF	CDIF
23511	19970	1	$\frac{\sin(u) \pi}{\cos(u) \sin(v) w}$	T	S	CDI	CDF
23512	19971	1	$\frac{\cos(u) \sin(v) w}{\sin(u) \pi}$	T	S	CDI	CDIF
23513	19972	1	$\frac{(\sin(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2}$	T	S	CDI	AB
23514	19973	1	$\sqrt{\frac{\sin(u)}{\cos(u) \sin(v) w}}$	T	S	CDI	R
23515	19974	1	$\frac{(\sin(u))^3}{(\cos(u))^3 (\sin(v))^3 w^3}$	T	S	CDI	K
23516	19975	1	$e^{\frac{\sin(u)}{\cos(u) \sin(v) w}}$	T	S	CDI	E
23517	19976	1	$\log\left(\frac{\sin(u)}{\cos(u) \sin(v) w}\right)$	T	S	CDI	L
23518	19977	1	$\arcsin\left(\frac{\sin(u)}{\cos(u) \sin(v) w}\right)$	T	S	CDI	S
23519	19978	1	$\arctan\left(\frac{\sin(u)}{\cos(u) \sin(v) w}\right)$	T	S	CDI	T
23520	19979	1	$\sqrt{-\frac{-w^2 (\cos(u))^2 + (\cos(v))^2 w^2 (\cos(u))^2 + 1 - (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2}}$	T	S	CDI	P

23521	19980	1	$\sqrt{-\frac{w^2 (\cos(u))^2 + (\cos(v))^2 w^2 (\cos(u))^2 - 1 + (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2}}$	T	S	CDF	H
23522	19981	1	$\frac{\sin(u) w}{\cos(u) \sin(v) \pi}$	T	S	CDF	CD
23523	19982	1	$\frac{\cos(u) \sin(v) \pi}{\sin(u) w}$	T	S	CDF	CDI
23524	19983	1	$\frac{(\sin(u))^2 w^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}$	T	S	CDF	AB
23525	19984	1	$\sqrt{\frac{\sin(u) w}{\cos(u) \sin(v) \pi}}$	T	S	CDF	R
23526	19985	1	$\frac{(\sin(u))^3 w^3}{(\cos(u))^3 (\sin(v))^3 \pi^3}$	T	S	CDF	K
23527	19986	1	$e^{\frac{\sin(u) w}{\cos(u) \sin(v) \pi}}$	T	S	CDF	E
23528	19987	1	$\log\left(\frac{\sin(u) w}{\cos(u) \sin(v) \pi}\right)$	T	S	CDF	L
23529	19988	1	$\arcsin\left(\frac{\sin(u) w}{\cos(u) \sin(v) \pi}\right)$	T	S	CDF	S
23530	19989	1	$\arctan\left(\frac{\sin(u) w}{\cos(u) \sin(v) \pi}\right)$	T	S	CDF	T
23531	19990	1	$\sqrt{-\frac{\pi^2 (\cos(u))^2 + (\cos(u))^2 \pi^2 (\cos(v))^2 + w^2 - w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}}$	T	S	CDF	P
23532	19991	1	$\sqrt{-\frac{\pi^2 (\cos(u))^2 + (\cos(u))^2 \pi^2 (\cos(v))^2 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}}$	T	S	CDF	H
23533	19992	1	$\frac{\sin(u)}{\cos(u) \sin(v) w \pi}$	T	S	CDIF	CD
23534	19993	1	$\frac{\cos(u) \sin(v) w \pi}{\sin(u)}$	T	S	CDIF	CDI

23535	19994	1	$\frac{(\sin(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}$	T	S	CDIF	AB
23536	19995	1	$\sqrt{\frac{\sin(u)}{\cos(u) \sin(v) w \pi}}$	T	S	CDIF	R
23537	19996	1	$\frac{(\sin(u))^3}{(\cos(u))^3 (\sin(v))^3 w^3 \pi^3}$	T	S	CDIF	K
23538	19997	1	$e^{\frac{\sin(u)}{\cos(u) \sin(v) w \pi}}$	T	S	CDIF	E
23539	19998	1	$\log\left(\frac{\sin(u)}{\cos(u) \sin(v) w \pi}\right)$	T	S	CDIF	L
23540	19999	1	$\arcsin\left(\frac{\sin(u)}{\cos(u) \sin(v) w \pi}\right)$	T	S	CDIF	S
23541	20000	1	$\arctan\left(\frac{\sin(u)}{\cos(u) \sin(v) w \pi}\right)$	T	S	CDIF	T
23542	20001	1	$\sqrt{-\frac{-w^2 \pi^2 (\cos(u))^2 + (\cos(u))^2 w^2 \pi^2 (\cos(v))^2 + 1 - (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}}$	T	S	CDIF	P
23543	20002	1	$\sqrt{-\frac{-w^2 \pi^2 (\cos(u))^2 + (\cos(u))^2 w^2 \pi^2 (\cos(v))^2 - 1 + (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}}$	T	S	CDIF	H
23544	20003	1	$\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}$	T	S	AB	CD
23545	20004	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt{w}}$	T	S	AB	CDI
23546	20005	1	$\frac{\sin(u) \sqrt{w} \pi}{\cos(u) \sin(v)}$	T	S	AB	CDF
23547	20006	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt{w} \pi}$	T	S	AB	CDIF
23548	20007	1	$\frac{(\sin(u))^2 w}{(\cos(u))^2 (\sin(v))^2}$	T	S	AB	AB

23549	20008	1	$\sqrt{\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}}$	T	S	AB	R
23550	20009	1	$\frac{(\sin(u))^3 w^{3/2}}{(\cos(u))^3 (\sin(v))^3}$	T	S	AB	K
23551	20010	1	$e^{\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}}$	T	S	AB	E
23552	20011	1	$\log\left(\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}\right)$	T	S	AB	L
23553	20012	1	$\arcsin\left(\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}\right)$	T	S	AB	S
23554	20013	1	$\arctan\left(\frac{\sin(u) \sqrt{w}}{\cos(u) \sin(v)}\right)$	T	S	AB	T
23555	20014	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 w + w (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	AB	P
23556	20015	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 w + w (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	AB	H
23557	20016	1	$\frac{\sin(u) w^2}{\cos(u) \sin(v)}$	T	S	R	CD
23558	20017	1	$\frac{\cos(u) \sin(v)}{\sin(u) w^2}$	T	S	R	CDI
23559	20018	1	$\frac{\sin(u) w^2 \pi}{\cos(u) \sin(v)}$	T	S	R	CDF
23560	20019	1	$\frac{\cos(u) \sin(v)}{\sin(u) w^2 \pi}$	T	S	R	CDIF
23561	20020	1	$\frac{(\sin(u))^2 w^4}{(\cos(u))^2 (\sin(v))^2}$	T	S	R	AB
23562	20021	1	$\sqrt{\frac{\sin(u) w^2}{\cos(u) \sin(v)}}$	T	S	R	R

23563	20022	1	$\frac{(\sin(u))^3 w^6}{(\cos(u))^3 (\sin(v))^3}$	T	S	R	K
23564	20023	1	$e^{\frac{\sin(u)w^2}{\cos(u)\sin(v)}}$	T	S	R	E
23565	20024	1	$\log\left(\frac{\sin(u)w^2}{\cos(u)\sin(v)}\right)$	T	S	R	L
23566	20025	1	$\arcsin\left(\frac{\sin(u)w^2}{\cos(u)\sin(v)}\right)$	T	S	R	S
23567	20026	1	$\arctan\left(\frac{\sin(u)w^2}{\cos(u)\sin(v)}\right)$	T	S	R	T
23568	20027	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 w^4 + w^4 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	R	P
23569	20028	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - w^4 + w^4 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	R	H
23570	20029	1	$\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)}$	T	S	K	CD
23571	20030	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt[3]{w}}$	T	S	K	CDI
23572	20031	1	$\frac{\sin(u) \sqrt[3]{w}\pi}{\cos(u) \sin(v)}$	T	S	K	CDF
23573	20032	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt[3]{w}\pi}$	T	S	K	CDIF
23574	20033	1	$\frac{(\sin(u))^2 w^{2/3}}{(\cos(u))^2 (\sin(v))^2}$	T	S	K	AB
23575	20034	1	$\sqrt{\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)}}$	T	S	K	R
23576	20035	1	$\frac{(\sin(u))^3 w}{(\cos(u))^3 (\sin(v))^3}$	T	S	K	K
23577	20036	1	$e^{\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)}}$	T	S	K	E

23578	20037	1	$\log \left(\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)} \right)$	T	S	K	L
23579	20038	1	$\arcsin \left(\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)} \right)$	T	S	K	S
23580	20039	1	$\arctan \left(\frac{\sin(u) \sqrt[3]{w}}{\cos(u) \sin(v)} \right)$	T	S	K	T
23581	20040	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 + w^{2/3} - w^{2/3} (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	K	P
23582	20041	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - w^{2/3} + w^{2/3} (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	K	H
23583	20042	1	$\frac{\sin(u) \ln(w)}{\cos(u) \sin(v)}$	T	S	E	CD
23584	20043	1	$\frac{\cos(u) \sin(v)}{\sin(u) \ln(w)}$	T	S	E	CDI
23585	20044	1	$\frac{\sin(u) \ln(w) \pi}{\cos(u) \sin(v)}$	T	S	E	CDF
23586	20045	1	$\frac{\cos(u) \sin(v)}{\sin(u) \ln(w) \pi}$	T	S	E	CDIF
23587	20046	1	$\frac{(\sin(u))^2 (\ln(w))^2}{(\cos(u))^2 (\sin(v))^2}$	T	S	E	AB
23588	20047	1	$\sqrt{\frac{\sin(u) \ln(w)}{\cos(u) \sin(v)}}$	T	S	E	R
23589	20048	1	$\frac{(\sin(u))^3 (\ln(w))^3}{(\cos(u))^3 (\sin(v))^3}$	T	S	E	K
23590	20049	1	$w^{\frac{\sin(u)}{\cos(u) \sin(v)}}$	T	S	E	E
23591	20050	1	$\log \left(\frac{\sin(u) \ln(w)}{\cos(u) \sin(v)} \right)$	T	S	E	L

23592	20051	1	$\arcsin\left(\frac{\sin(u)\ln(w)}{\cos(u)\sin(v)}\right)$	T	S	E	S
23593	20052	1	$\arctan\left(\frac{\sin(u)\ln(w)}{\cos(u)\sin(v)}\right)$	T	S	E	T
23594	20053	1	$\sqrt{-\frac{-(\cos(u))^2+(\cos(v))^2(\cos(u))^2+(\ln(w))^2-(\ln(w))^2(\cos(u))^2}{(\cos(u))^2(\sin(v))^2}}$	T	S	E	P
23595	20054	1	$\sqrt{-\frac{-(\cos(u))^2+(\cos(v))^2(\cos(u))^2-(\ln(w))^2+(\ln(w))^2(\cos(u))^2}{(\cos(u))^2(\sin(v))^2}}$	T	S	E	H
23596	20055	1	$\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}$	T	S	L	CD
23597	20056	1	$\frac{\cos(u)\sin(v)}{\sin(u)\text{Exp}(w)}$	T	S	L	CDI
23598	20057	1	$\frac{\sin(u)\text{Exp}(w)\pi}{\cos(u)\sin(v)}$	T	S	L	CDF
23599	20058	1	$\frac{\cos(u)\sin(v)}{\sin(u)\text{Exp}(w)\pi}$	T	S	L	CDIF
23600	20059	1	$\frac{(\sin(u))^2(\text{Exp}(w))^2}{(\cos(u))^2(\sin(v))^2}$	T	S	L	AB
23601	20060	1	$\sqrt{\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}}$	T	S	L	R
23602	20061	1	$\frac{(\sin(u))^3(\text{Exp}(w))^3}{(\cos(u))^3(\sin(v))^3}$	T	S	L	K
23603	20062	1	$e^{\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}}$	T	S	L	E
23604	20063	1	$\log\left(\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}\right)$	T	S	L	L
23605	20064	1	$\arcsin\left(\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}\right)$	T	S	L	S
23606	20065	1	$\arctan\left(\frac{\sin(u)\text{Exp}(w)}{\cos(u)\sin(v)}\right)$	T	S	L	T

23607	20066	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 + (Exp(w))^2 - (Exp(w))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	L	P
23608	20067	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (Exp(w))^2 + (Exp(w))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	L	H
23609	20068	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}$	T	S	S	CD
23610	20069	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sin(w)}$	T	S	S	CDI
23611	20070	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sin(v)}$	T	S	S	CDF
23612	20071	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sin(w) \pi}$	T	S	S	CDIF
23613	20072	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 (\sin(v))^2}$	T	S	S	AB
23614	20073	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}}$	T	S	S	R
23615	20074	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 (\sin(v))^3}$	T	S	S	K
23616	20075	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}}$	T	S	S	E
23617	20076	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}\right)$	T	S	S	L
23618	20077	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}\right)$	T	S	S	S
23619	20078	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \sin(v)}\right)$	T	S	S	T
23620	20079	1	$\sqrt{-\frac{-2(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 + 1 - (\cos(w))^2 + (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	S	P

23621	20080	1	$\sqrt{-\frac{(\cos(v))^2(\cos(u))^2-1+(\cos(w))^2-(\cos(u))^2(\cos(w))^2}{(\cos(u))^2(\sin(v))^2}}$	T	S	T	H
23622	20081	1	$\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}$	T	S	T	CD
23623	20082	1	$\frac{\cos(u)\sin(v)\cos(w)}{\sin(u)\sin(w)}$	T	S	T	CDI
23624	20083	1	$\frac{\sin(u)\sin(w)\pi}{\cos(u)\sin(v)\cos(w)}$	T	S	T	CDF
23625	20084	1	$\frac{\cos(u)\sin(v)\cos(w)}{\sin(u)\sin(w)\pi}$	T	S	T	CDIF
23626	20085	1	$\frac{(\sin(u))^2(\sin(w))^2}{(\cos(u))^2(\sin(v))^2(\cos(w))^2}$	T	S	T	AB
23627	20086	1	$\sqrt{\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}}$	T	S	T	R
23628	20087	1	$\frac{(\sin(u))^3(\sin(w))^3}{(\cos(u))^3(\sin(v))^3(\cos(w))^3}$	T	S	T	K
23629	20088	1	$e^{\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}}$	T	S	T	E
23630	20089	1	$\log\left(\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}\right)$	T	S	T	L
23631	20090	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}\right)$	T	S	T	S
23632	20091	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\cos(u)\sin(v)\cos(w)}\right)$	T	S	T	T
23633	20092	1	$\sqrt{-\frac{(\cos(v))^2(\cos(u))^2(\cos(w))^2\pm 1-(\cos(w))^2-(\cos(u))^2}{(\cos(u))^2(\sin(v))^2(\cos(w))^2}}$	T	S	T	P
23634	20093	1	$\sqrt{-\frac{-2(\cos(u))^2(\cos(w))^2+(\cos(v))^2(\cos(u))^2(\cos(w))^2-1+(\cos(w))^2+(\cos(u))^2}{(\cos(u))^2(\sin(v))^2(\cos(w))^2}}$	T	S	T	H

23635	20094	1	$\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}$	T	S	P	CD
23636	20095	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt{1-w^2}}$	T	S	P	CDI
23637	20096	1	$\frac{\sin(u) \sqrt{1-w^2} \pi}{\cos(u) \sin(v)}$	T	S	P	CDF
23638	20097	1	$\frac{\cos(u) \sin(v)}{\sin(u) \sqrt{1-w^2} \pi}$	T	S	P	CDIF
23639	20098	1	$-\frac{(\sin(u))^2 (-1+w^2)}{(\cos(u))^2 (\sin(v))^2}$	T	S	P	AB
23640	20099	1	$\sqrt{\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}}$	T	S	P	R
23641	20100	1	$\frac{(\sin(u))^3 (1-w^2)^{3/2}}{(\cos(u))^3 (\sin(v))^3}$	T	S	P	K
23642	20101	1	$e^{\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}}$	T	S	P	E
23643	20102	1	$\log\left(\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	S	P	L
23644	20103	1	$\arcsin\left(\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	S	P	S
23645	20104	1	$\arctan\left(\frac{\sin(u) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	S	P	T
23646	20105	1	$\sqrt{-\frac{2(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 + 1 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	P	P
23647	20105	2	$\sqrt{-\frac{2(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 + 1 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	H	H
23648	20106	1	$\sqrt{\frac{-(\cos(v))^2 (\cos(u))^2 + 1 - w^2 + w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	S	P	H

23649	20106	2	$\sqrt{\frac{-(\cos(v))^2(\cos(u))^2+1-w^2}{(\cos(u))^2(\sin(v))^2} \mp w^2(\cos(u))^2}$	T	S	H	P
23650	20107	1	$\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}$	T	S	H	CD
23651	20108	1	$\frac{\cos(u)\sin(v)}{\sin(u)\sqrt{-1+w^2}}$	T	S	H	CDI
23652	20109	1	$\frac{\sin(u)\sqrt{-1+w^2}\pi}{\cos(u)\sin(v)}$	T	S	H	CDF
23653	20110	1	$\frac{\cos(u)\sin(v)}{\sin(u)\sqrt{-1+w^2}\pi}$	T	S	H	CDIF
23654	20111	1	$\frac{(\sin(u))^2(-1+w^2)}{(\cos(u))^2(\sin(v))^2}$	T	S	H	AB
23655	20112	1	$\sqrt{\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}}$	T	S	H	R
23656	20113	1	$\frac{(\sin(u))^3(-1+w^2)^{3/2}}{(\cos(u))^3(\sin(v))^3}$	T	S	H	K
23657	20114	1	$e^{\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}}$	T	S	H	E
23658	20115	1	$\log\left(\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}\right)$	T	S	H	L
23659	20116	1	$\arcsin\left(\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}\right)$	T	S	H	S
23660	20117	1	$\arctan\left(\frac{\sin(u)\sqrt{-1+w^2}}{\cos(u)\sin(v)}\right)$	T	S	H	T
23661	20118	1	$\frac{\sin(u)\cos(v)w}{\cos(u)\sin(v)}$	T	T	CD	CD
23662	20118	2	$\frac{\sin(u)\cos(v)w}{\cos(u)\sin(v)}$	T	T	CDF	CDF

23663	20119	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) w}$	T	T	CD	CDI
23664	20119	2	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) w}$	T	T	CDF	CDIF
23665	20120	1	$\frac{\sin(u) \cos(v) w \pi}{\cos(u) \sin(v)}$	T	T	CD	CDF
23666	20121	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) w \pi}$	T	T	CD	CDIF
23667	20122	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^2}{(\cos(u))^2 (\sin(v))^2}$	T	T	CD	AB
23668	20123	1	$\sqrt{\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v)}}$	T	T	CD	R
23669	20124	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^3}{(\cos(u))^3 (\sin(v))^3}$	T	T	CD	K
23670	20125	1	$e^{\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v)}}$	T	T	CD	E
23671	20126	1	$\log\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v)}\right)$	T	T	CD	L
23672	20127	1	$\arcsin\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v)}\right)$	T	T	CD	S
23673	20128	1	$\arctan\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v)}\right)$	T	T	CD	T
23674	20129	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	CD	P
23675	20130	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	CD	H
23676	20131	1	$\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}$	T	T	CDI	CD
23677	20131	2	$\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}$	T	T	CDIF	CDF

23678	20132	1	$\frac{\cos(u) \sin(v) w}{\sin(u) \cos(v)}$	T	T	CDI	CDI
23679	20132	2	$\frac{\cos(u) \sin(v) w}{\sin(u) \cos(v)}$	T	T	CDIF	CDIF
23680	20133	1	$\frac{\sin(u) \cos(v) \pi}{\cos(u) \sin(v) w}$	T	T	CDI	CDF
23681	20134	1	$\frac{\cos(u) \sin(v) w}{\sin(u) \cos(v) \pi}$	T	T	CDI	CDIF
23682	20135	1	$\frac{(\sin(u))^2 (\cos(v))^2}{(\cos(u))^2 (\sin(v))^2 w^2}$	T	T	CDI	AB
23683	20136	1	$\sqrt{\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}}$	T	T	CDI	R
23684	20137	1	$\frac{(\sin(u))^3 (\cos(v))^3}{(\cos(u))^3 (\sin(v))^3 w^3}$	T	T	CDI	K
23685	20138	1	$e^{\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}}$	T	T	CDI	E
23686	20139	1	$\log\left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}\right)$	T	T	CDI	L
23687	20140	1	$\arcsin\left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}\right)$	T	T	CDI	S
23688	20141	1	$\arctan\left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w}\right)$	T	T	CDI	T
23689	20142	1	$\sqrt{-\frac{-w^2 (\cos(u))^2 + (\cos(v))^2 w^2 (\cos(u))^2 + (\cos(v))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2}}$	T	T	CDI	P
23690	20143	1	$\sqrt{-\frac{-w^2 (\cos(u))^2 + (\cos(v))^2 w^2 (\cos(u))^2 - (\cos(v))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2}}$	T	T	CDI	H
23691	20144	1	$\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}$	T	T	CDF	CD
23692	20145	1	$\frac{\cos(u) \sin(v) \pi}{\sin(u) \cos(v) w}$	T	T	CDF	CDI

23693	20146	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}$	T	T	CDF	AB
23694	20147	1	$\sqrt{\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}}$	T	T	CDF	R
23695	20148	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^3}{(\cos(u))^3 (\sin(v))^3 \pi^3}$	T	T	CDF	K
23696	20149	1	$e^{\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}}$	T	T	CDF	E
23697	20150	1	$\log\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}\right)$	T	T	CDF	L
23698	20151	1	$\arcsin\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}\right)$	T	T	CDF	S
23699	20152	1	$\arctan\left(\frac{\sin(u) \cos(v) w}{\cos(u) \sin(v) \pi}\right)$	T	T	CDF	T
23700	20153	1	$\sqrt{-\frac{-\pi^2 (\cos(u))^2 + (\cos(u))^2 \pi^2 (\cos(v))^2 + w^2 (\cos(v))^2 - (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}}$	T	T	CDF	P
23701	20154	1	$\sqrt{-\frac{-\pi^2 (\cos(u))^2 + (\cos(u))^2 \pi^2 (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 \pi^2}}$	T	T	CDF	H
23702	20155	1	$\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi}$	T	T	CDIF	CD
23703	20156	1	$\frac{\cos(u) \sin(v) w \pi}{\sin(u) \cos(v)}$	T	T	CDIF	CDI
23704	20157	1	$\frac{(\sin(u))^2 (\cos(v))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}$	T	T	CDIF	AB
23705	20158	1	$\sqrt{\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi}}$	T	T	CDIF	R
23706	20159	1	$\frac{(\sin(u))^3 (\cos(v))^3}{(\cos(u))^3 (\sin(v))^3 w^3 \pi^3}$	T	T	CDIF	K

23707	20160	1	$e^{\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi}}$	T	T	CDIF	E
23708	20161	1	$\log \left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi} \right)$	T	T	CDIF	L
23709	20162	1	$\arcsin \left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi} \right)$	T	T	CDIF	S
23710	20163	1	$\arctan \left(\frac{\sin(u) \cos(v)}{\cos(u) \sin(v) w \pi} \right)$	T	T	CDIF	T
23711	20164	1	$\sqrt{-\frac{-w^2 \pi^2 (\cos(u))^2 + (\cos(u))^2 w^2 \pi^2 (\cos(v))^2 + (\cos(v))^2 - (\cos(v))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}}$	T	T	CDIF	P
23712	20165	1	$\sqrt{-\frac{-w^2 \pi^2 (\cos(u))^2 + (\cos(u))^2 w^2 \pi^2 (\cos(v))^2 - (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 w^2 \pi^2}}$	T	T	CDIF	H
23713	20166	1	$\frac{\sin(u) \cos(v) \sqrt{w}}{\cos(u) \sin(v)}$	T	T	AB	CD
23714	20167	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{w}}$	T	T	AB	CDI
23715	20168	1	$\frac{\sin(u) \cos(v) \sqrt{w} \pi}{\cos(u) \sin(v)}$	T	T	AB	CDF
23716	20169	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{w} \pi}$	T	T	AB	CDIF
23717	20170	1	$\frac{(\sin(u))^2 (\cos(v))^2 w}{(\cos(u))^2 (\sin(v))^2}$	T	T	AB	AB
23718	20171	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{w}}{\cos(u) \sin(v)}}$	T	T	AB	R
23719	20172	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^{3/2}}{(\cos(u))^3 (\sin(v))^3}$	T	T	AB	K
23720	20173	1	$e^{\frac{\sin(u) \cos(v) \sqrt{w}}{\cos(u) \sin(v)}}$	T	T	AB	E
23721	20174	1	$\log \left(\frac{\sin(u) \cos(v) \sqrt{w}}{\cos(u) \sin(v)} \right)$	T	T	AB	L

23722	20175	1	$\arcsin\left(\frac{\sin(u)\cos(v)\sqrt{w}}{\cos(u)\sin(v)}\right)$	T	T	AB	S
23723	20176	1	$\arctan\left(\frac{\sin(u)\cos(v)\sqrt{w}}{\cos(u)\sin(v)}\right)$	T	T	AB	T
23724	20177	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w + (\cos(v))^2 w (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	AB	P
23725	20178	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w + (\cos(v))^2 w (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	AB	H
23726	20179	1	$\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}$	T	T	R	CD
23727	20180	1	$\frac{\cos(u)\sin(v)}{\sin(u)\cos(v)w^2}$	T	T	R	CDI
23728	20181	1	$\frac{\sin(u)\cos(v)w^2\pi}{\cos(u)\sin(v)}$	T	T	R	CDF
23729	20182	1	$\frac{\cos(u)\sin(v)}{\sin(u)\cos(v)w^2\pi}$	T	T	R	CDIF
23730	20183	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^4}{(\cos(u))^2 (\sin(v))^2}$	T	T	R	AB
23731	20184	1	$\sqrt{\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}}$	T	T	R	R
23732	20185	1	$\frac{(\sin(u))^3 (\cos(v))^3 w^6}{(\cos(u))^3 (\sin(v))^3}$	T	T	R	K
23733	20186	1	$e^{\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}}$	T	T	R	E
23734	20187	1	$\log\left(\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}\right)$	T	T	R	L
23735	20188	1	$\arcsin\left(\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}\right)$	T	T	R	S

23736	20189	1	$\arctan\left(\frac{\sin(u)\cos(v)w^2}{\cos(u)\sin(v)}\right)$	T	T	R	T
23737	20190	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w^4 + (\cos(v))^2 w^4 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	R	P
23738	20191	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w^4 + (\cos(v))^2 w^4 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	R	H
23739	20192	1	$\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}$	T	T	K	CD
23740	20193	1	$\frac{\cos(u)\sin(v)}{\sin(u)\cos(v)\sqrt[3]{w}}$	T	T	K	CDI
23741	20194	1	$\frac{\sin(u)\cos(v)\sqrt[3]{w}\pi}{\cos(u)\sin(v)}$	T	T	K	CDF
23742	20195	1	$\frac{\cos(u)\sin(v)}{\sin(u)\cos(v)\sqrt[3]{w}\pi}$	T	T	K	CDIF
23743	20196	1	$\frac{(\sin(u))^2 (\cos(v))^2 w^{2/3}}{(\cos(u))^2 (\sin(v))^2}$	T	T	K	AB
23744	20197	1	$\sqrt{\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}}$	T	T	K	R
23745	20198	1	$\frac{(\sin(u))^3 (\cos(v))^3 w}{(\cos(u))^3 (\sin(v))^3}$	T	T	K	K
23746	20199	1	$e^{\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}}$	T	T	K	E
23747	20200	1	$\log\left(\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}\right)$	T	T	K	L
23748	20201	1	$\arcsin\left(\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}\right)$	T	T	K	S
23749	20202	1	$\arctan\left(\frac{\sin(u)\cos(v)\sqrt[3]{w}}{\cos(u)\sin(v)}\right)$	T	T	K	T

23750	20203	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w^{2/3} + (\cos(v))^2 w^{2/3} (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	K	P
23751	20204	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 w^{2/3} + (\cos(v))^2 w^{2/3} (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	K	H
23752	20205	1	$\frac{\sin(u) \cos(v) \ln(w)}{\cos(u) \sin(v)}$	T	T	E	CD
23753	20206	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \ln(w)}$	T	T	E	CDI
23754	20207	1	$\frac{\sin(u) \cos(v) \ln(w) \pi}{\cos(u) \sin(v)}$	T	T	E	CDF
23755	20208	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \ln(w) \pi}$	T	T	E	CDIF
23756	20209	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\ln(w))^2}{(\cos(u))^2 (\sin(v))^2}$	T	T	E	AB
23757	20210	1	$\sqrt{\frac{\sin(u) \cos(v) \ln(w)}{\cos(u) \sin(v)}}$	T	T	E	R
23758	20211	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\ln(w))^3}{(\cos(u))^3 (\sin(v))^3}$	T	T	E	K
23759	20212	1	$w^{\frac{\sin(u) \cos(v)}{\cos(u) \sin(v)}}$	T	T	E	E
23760	20213	1	$\log\left(\frac{\sin(u) \cos(v) \ln(w)}{\cos(u) \sin(v)}\right)$	T	T	E	L
23761	20214	1	$\arcsin\left(\frac{\sin(u) \cos(v) \ln(w)}{\cos(u) \sin(v)}\right)$	T	T	E	S
23762	20215	1	$\arctan\left(\frac{\sin(u) \cos(v) \ln(w)}{\cos(u) \sin(v)}\right)$	T	T	E	T
23763	20216	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 (\ln(w))^2 + (\cos(v))^2 (\ln(w))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	E	P

23764	20217	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 (\ln(w))^2 + (\cos(v))^2 (\ln(w))^2 (\cos(u))}{(\cos(u))^2 (\sin(v))^2}}$	T	T	E	H
23765	20218	1	$\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}$	T	T	L	CD
23766	20219	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \text{Exp}(w)}$	T	T	L	CDI
23767	20220	1	$\frac{\sin(u) \cos(v) \text{Exp}(w) \pi}{\cos(u) \sin(v)}$	T	T	L	CDF
23768	20221	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \text{Exp}(w) \pi}$	T	T	L	CDIF
23769	20222	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\text{Exp}(w))^2}{(\cos(u))^2 (\sin(v))^2}$	T	T	L	AB
23770	20223	1	$\sqrt{\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}}$	T	T	L	R
23771	20224	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\text{Exp}(w))^3}{(\cos(u))^3 (\sin(v))^3}$	T	T	L	K
23772	20225	1	$e^{\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}}$	T	T	L	E
23773	20226	1	$\log\left(\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}\right)$	T	T	L	L
23774	20227	1	$\arcsin\left(\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}\right)$	T	T	L	S
23775	20228	1	$\arctan\left(\frac{\sin(u) \cos(v) \text{Exp}(w)}{\cos(u) \sin(v)}\right)$	T	T	L	T
23776	20229	1	$\sqrt{\frac{(\cos(u))^2 - (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 (\text{Exp}(w))^2 + (\cos(v))^2 (\text{Exp}(w))^2 (\cos(u))}{(\cos(u))^2 (\sin(v))^2}}$	T	T	L	P
23777	20230	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 (\cos(u))^2 - (\cos(v))^2 (\text{Exp}(w))^2 + (\cos(v))^2 (\text{Exp}(w))^2 (\cos(u))}{(\cos(u))^2 (\sin(v))^2}}$	T	T	L	H

23778	20231	1	$\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}$	T	T	S	CD
23779	20232	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sin(w)}$	T	T	S	CDI
23780	20233	1	$\frac{\sin(u) \cos(v) \sin(w) \pi}{\cos(u) \sin(v)}$	T	T	S	CDF
23781	20234	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sin(w) \pi}$	T	T	S	CDIF
23782	20235	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\sin(w))^2}{(\cos(u))^2 (\sin(v))^2}$	T	T	S	AB
23783	20236	1	$\sqrt{\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}}$	T	T	S	R
23784	20237	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\sin(w))^3}{(\cos(u))^3 (\sin(v))^3}$	T	T	S	K
23785	20238	1	$e^{\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}}$	T	T	S	E
23786	20239	1	$\log\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}\right)$	T	T	S	L
23787	20240	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}\right)$	T	T	S	S
23788	20241	1	$\arctan\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v)}\right)$	T	T	S	T
23789	20242	1	$\sqrt{-\frac{(\cos(u))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	S ²	P
23790	20243	1	$\sqrt{\frac{(\cos(u))^2 - 2 (\cos(v))^2 (\cos(u))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	S ²	H
23791	20244	1	$\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}$	T	T	T	CD
23792	20245	1	$\frac{\cos(u) \sin(v) \cos(w)}{\sin(u) \cos(v) \sin(w)}$	T	T	T	CDI

23793	20246	1	$\frac{\sin(u) \cos(v) \sin(w) \pi}{\cos(u) \sin(v) \cos(w)}$	T	T	T	CDF
23794	20247	1	$\frac{\cos(u) \sin(v) \cos(w)}{\sin(u) \cos(v) \sin(w) \pi}$	T	T	T	CDIF
23795	20248	1	$\frac{(\sin(u))^2 (\cos(v))^2 (\sin(w))^2}{(\cos(u))^2 (\sin(v))^2 (\cos(w))^2}$	T	T	T	AB
23796	20249	1	$\sqrt{\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}}$	T	T	T	R
23797	20250	1	$\frac{(\sin(u))^3 (\cos(v))^3 (\sin(w))^3}{(\cos(u))^3 (\sin(v))^3 (\cos(w))^3}$	T	T	T	K
23798	20251	1	$e^{\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}}$	T	T	T	E
23799	20252	1	$\log\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}\right)$	T	T	T	L
23800	20253	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}\right)$	T	T	T	S
23801	20254	1	$\arctan\left(\frac{\sin(u) \cos(v) \sin(w)}{\cos(u) \sin(v) \cos(w)}\right)$	T	T	T	T
23802	20255	1	$\sqrt{-\frac{-(\cos(u))^2 (\cos(w))^2 + 2 (\cos(v))^2 (\cos(u))^2 (\cos(w))^2 + (\cos(v))^2 - (\cos(w))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 (\cos(w))^2}}$	T	T	P	
23803	20256	1	$\sqrt{-\frac{-(\cos(u))^2 (\cos(w))^2 - (\cos(v))^2 + (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2 (\cos(w))^2}}$	T	T	P	
23804	20257	1	$\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}$	T	T	P	CD
23805	20258	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{1-w^2}}$	T	T	P	CDI
23806	20259	1	$\frac{\sin(u) \cos(v) \sqrt{1-w^2} \pi}{\cos(u) \sin(v)}$	T	T	P	CDF

23807	20260	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{1-w^2} \pi}$	T	T	P	CDIF
23808	20261	1	$-\frac{(\sin(u))^2 (\cos(v))^2 (-1+w^2)}{(\cos(u))^2 (\sin(v))^2}$	T	T	P	AB
23809	20262	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}}$	T	T	P	R
23810	20263	1	$\frac{(\sin(u))^3 (\cos(v))^3 (1-w^2)^{3/2}}{(\cos(u))^3 (\sin(v))^3}$	T	T	P	K
23811	20264	1	$e^{\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}}$	T	T	P	E
23812	20265	1	$\log\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	T	P	L
23813	20266	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	T	P	S
23814	20267	1	$\arctan\left(\frac{\sin(u) \cos(v) \sqrt{1-w^2}}{\cos(u) \sin(v)}\right)$	T	T	P	T
23815	20268	1	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	P	P
23816	20268	2	$\sqrt{-\frac{-(\cos(u))^2 + (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	H	H	H
23817	20269	1	$\sqrt{\frac{-2(\cos(v))^2 (\cos(u))^2 + (\cos(u))^2 + (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	P	H
23818	20269	2	$\sqrt{\frac{-2(\cos(v))^2 (\cos(u))^2 + (\cos(u))^2 + (\cos(v))^2 - w^2 (\cos(v))^2 + (\cos(v))^2 w^2 (\cos(u))^2}{(\cos(u))^2 (\sin(v))^2}}$	T	T	H	P
23819	20270	1	$\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}$	T	T	H	CD
23820	20271	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{-1+w^2}}$	T	T	H	CDI

23821	20272	1	$\frac{\sin(u) \cos(v) \sqrt{-1+w^2} \pi}{\cos(u) \sin(v)}$	T	T	H	CDF
23822	20273	1	$\frac{\cos(u) \sin(v)}{\sin(u) \cos(v) \sqrt{-1+w^2} \pi}$	T	T	H	CDIF
23823	20274	1	$\frac{(\sin(u))^2 (\cos(v))^2 (-1+w^2)}{(\cos(u))^2 (\sin(v))^2}$	T	T	H	AB
23824	20275	1	$\sqrt{\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}}$	T	T	H	R
23825	20276	1	$\frac{(\sin(u))^3 (\cos(v))^3 (-1+w^2)^{3/2}}{(\cos(u))^3 (\sin(v))^3}$	T	T	H	K
23826	20277	1	$e^{\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}}$	T	T	H	E
23827	20278	1	$\log\left(\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}\right)$	T	T	H	L
23828	20279	1	$\arcsin\left(\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}\right)$	T	T	H	S
23829	20280	1	$\arctan\left(\frac{\sin(u) \cos(v) \sqrt{-1+w^2}}{\cos(u) \sin(v)}\right)$	T	T	H	T
23830	20281	1	$\frac{\tan(u) w}{\sqrt{1-v^2}}$	T	P	CD	CD
23831	20281	2	$\frac{\tan(u) w}{\sqrt{1-v^2}}$	T	P	CDF	CDF
23832	20282	1	$\frac{\sqrt{1-v^2}}{\tan(u) w}$	T	P	CD	CDI
23833	20282	2	$\frac{\sqrt{1-v^2}}{\tan(u) w}$	T	P	CDF	CDIF
23834	20283	1	$\frac{\tan(u) w \pi}{\sqrt{1-v^2}}$	T	P	CD	CDF
23835	20284	1	$\frac{\sqrt{1-v^2}}{\tan(u) w \pi}$	T	P	CD	CDIF

23836	20285	1	$-\frac{(\tan(u))^2 w^2}{-1+v^2}$	T	P	CD	AB
23837	20286	1	$\sqrt{\frac{\tan(u) w}{\sqrt{1-v^2}}}$	T	P	CD	R
23838	20287	1	$\frac{(\tan(u))^3 w^3}{(1-v^2)^{3/2}}$	T	P	CD	K
23839	20288	1	$e^{\frac{\tan(u) w}{\sqrt{1-v^2}}}$	T	P	CD	E
23840	20289	1	$\log\left(\frac{\tan(u) w}{\sqrt{1-v^2}}\right)$	T	P	CD	L
23841	20290	1	$\arcsin\left(\frac{\tan(u) w}{\sqrt{1-v^2}}\right)$	T	P	CD	S
23842	20291	1	$\arctan\left(\frac{\tan(u) w}{\sqrt{1-v^2}}\right)$	T	P	CD	T
23843	20292	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^2}{-1+v^2}}$	T	P	CD	P
23844	20292	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^2}{-1+v^2}}$	T	H	CD	H
23845	20293	1	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w^2}{-1+v^2}}$	T	P	CD	H
23846	20293	2	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w^2}{-1+v^2}}$	T	H	CD	P
23847	20294	1	$\frac{\tan(u)}{\sqrt{1-v^2} w}$	T	P	CDI	CD
23848	20295	1	$\frac{\sqrt{1-v^2} w}{\tan(u)}$	T	P	CDI	CDI
23849	20295	2	$\frac{\sqrt{1-v^2} w}{\tan(u)}$	T	P	CDIF	CDIF

23850	20296	1	$\frac{\tan(u)\pi}{\sqrt{1-v^2}w}$	T	P	CDI	CDF
23851	20297	1	$\frac{\sqrt{1-v^2}w}{\tan(u)\pi}$	T	P	CDI	CDIF
23852	20298	1	$-\frac{(\tan(u))^2}{w^2(-1+v^2)}$	T	P	CDI	AB
23853	20299	1	$\sqrt{\frac{\tan(u)}{\sqrt{1-v^2}w}}$	T	P	CDI	R
23854	20300	1	$\frac{(\tan(u))^3}{(1-v^2)^{3/2}w^3}$	T	P	CDI	K
23855	20301	1	$e^{\frac{\tan(u)}{\sqrt{1-v^2}w}}$	T	P	CDI	E
23856	20302	1	$\log\left(\frac{\tan(u)}{\sqrt{1-v^2}w}\right)$	T	P	CDI	L
23857	20303	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{1-v^2}w}\right)$	T	P	CDI	S
23858	20304	1	$\arctan\left(\frac{\tan(u)}{\sqrt{1-v^2}w}\right)$	T	P	CDI	T
23859	20305	1	$\sqrt{\frac{-w^2+v^2w^2+(\tan(u))^2}{w^2(-1+v^2)}}$	T	P	CDI	P
23860	20305	2	$\sqrt{\frac{-w^2+v^2w^2+(\tan(u))^2}{w^2(-1+v^2)}}$	T	H	CDI	H
23861	20306	1	$\sqrt{\frac{-w^2+v^2w^2-(\tan(u))^2}{w^2(-1+v^2)}}$	T	P	CDI	H
23862	20306	2	$\sqrt{\frac{-w^2+v^2w^2-(\tan(u))^2}{w^2(-1+v^2)}}$	T	H	CDI	P
23863	20307	1	$\frac{\tan(u)w}{\sqrt{1-v^2}\pi}$	T	P	CDF	CD
23864	20308	1	$\frac{\sqrt{1-v^2}\pi}{\tan(u)w}$	T	P	CDF	CDI

23865	20309	1	$-\frac{(\tan(u))^2 w^2}{\pi^2(-1+v^2)}$	T	P	CDF	AB
23866	20310	1	$\sqrt{\frac{\tan(u) w}{\sqrt{1-v^2}\pi}}$	T	P	CDF	R
23867	20311	1	$\frac{(\tan(u))^3 w^3}{(1-v^2)^{3/2}\pi^3}$	T	P	CDF	K
23868	20312	1	$e^{\frac{\tan(u)w}{\sqrt{1-v^2}\pi}}$	T	P	CDF	E
23869	20313	1	$\log\left(\frac{\tan(u) w}{\sqrt{1-v^2}\pi}\right)$	T	P	CDF	L
23870	20314	1	$\arcsin\left(\frac{\tan(u) w}{\sqrt{1-v^2}\pi}\right)$	T	P	CDF	S
23871	20315	1	$\arctan\left(\frac{\tan(u) w}{\sqrt{1-v^2}\pi}\right)$	T	P	CDF	T
23872	20316	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (\tan(u))^2 w^2}{\pi^2(-1+v^2)}}$	T	P	CDF	P
23873	20316	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 + (\tan(u))^2 w^2}{\pi^2(-1+v^2)}}$	T	H	CDF	H
23874	20317	1	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (\tan(u))^2 w^2}{\pi^2(-1+v^2)}}$	T	P	CDF	H
23875	20317	2	$\sqrt{\frac{-\pi^2 + v^2\pi^2 - (\tan(u))^2 w^2}{\pi^2(-1+v^2)}}$	T	H	CDF	P
23876	20318	1	$\frac{\tan(u)}{\sqrt{1-v^2}w\pi}$	T	P	CDIF	CD
23877	20319	1	$\frac{\sqrt{1-v^2}w\pi}{\tan(u)}$	T	P	CDIF	CDI
23878	20320	1	$\frac{\tan(u)}{\sqrt{-(v-1)(v+1)}w}$	T	P	CDIF	CDF

23879	20321	1	$-\frac{(\tan(u))^2}{w^2\pi^2(-1+v^2)}$	T	P	CDIF	AB
23880	20322	1	$\sqrt{\frac{\tan(u)}{\sqrt{1-v^2}w\pi}}$	T	P	CDIF	R
23881	20323	1	$\frac{(\tan(u))^3}{(1-v^2)^{3/2}w^3\pi^3}$	T	P	CDIF	K
23882	20324	1	$e^{\frac{\tan(u)}{\sqrt{1-v^2}w\pi}}$	T	P	CDIF	E
23883	20325	1	$\log\left(\frac{\tan(u)}{\sqrt{1-v^2}w\pi}\right)$	T	P	CDIF	L
23884	20326	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{1-v^2}w\pi}\right)$	T	P	CDIF	S
23885	20327	1	$\arctan\left(\frac{\tan(u)}{\sqrt{1-v^2}w\pi}\right)$	T	P	CDIF	T
23886	20328	1	$\sqrt{\frac{-w^2\pi^2+v^2w^2\pi^2+(\tan(u))^2}{w^2\pi^2(-1+v^2)}}$	T	P	CDIF	P
23887	20328	2	$\sqrt{\frac{-w^2\pi^2+v^2w^2\pi^2+(\tan(u))^2}{w^2\pi^2(-1+v^2)}}$	T	H	CDIF	H
23888	20329	1	$\sqrt{\frac{-w^2\pi^2+v^2w^2\pi^2-(\tan(u))^2}{w^2\pi^2(-1+v^2)}}$	T	P	CDIF	H
23889	20329	2	$\sqrt{\frac{-w^2\pi^2+v^2w^2\pi^2-(\tan(u))^2}{w^2\pi^2(-1+v^2)}}$	T	H	CDIF	P
23890	20330	1	$\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}$	T	P	AB	CD
23891	20331	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{w}}$	T	P	AB	CDI
23892	20332	1	$\frac{\tan(u)\sqrt{w\pi}}{\sqrt{1-v^2}}$	T	P	AB	CDF

23893	20333	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{w\pi}}$	T	P	AB	CDIF
23894	20334	1	$-\frac{(\tan(u))^2 w}{-1+v^2}$	T	P	AB	AB
23895	20335	1	$\sqrt{\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}}$	T	P	AB	R
23896	20336	1	$\frac{(\tan(u))^3 w^{3/2}}{(1-v^2)^{3/2}}$	T	P	AB	K
23897	20337	1	$e^{\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}}$	T	P	AB	E
23898	20338	1	$\log\left(\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}\right)$	T	P	AB	L
23899	20339	1	$\arcsin\left(\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}\right)$	T	P	AB	S
23900	20340	1	$\arctan\left(\frac{\tan(u)\sqrt{w}}{\sqrt{1-v^2}}\right)$	T	P	AB	T
23901	20341	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w}{-1+v^2}}$	T	P	AB	P
23902	20341	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w}{-1+v^2}}$	T	H	AB	H
23903	20342	1	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w}{-1+v^2}}$	T	P	AB	H
23904	20342	2	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w}{-1+v^2}}$	T	H	AB	P
23905	20343	1	$\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}$	T	P	R	CD
23906	20344	1	$\frac{\sqrt{1-v^2}}{\tan(u) w^2}$	T	P	R	CDI

23907	20345	1	$\frac{\tan(u) w^2 \pi}{\sqrt{-(v-1)(v+1)}}$	T	P	R	CDF
23908	20346	1	$\frac{\sqrt{1-v^2}}{\tan(u) w^2 \pi}$	T	P	R	CDIF
23909	20347	1	$-\frac{(\tan(u))^2 w^4}{-1+v^2}$	T	P	R	AB
23910	20348	1	$\sqrt{\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}}$	T	P	R	R
23911	20349	1	$\frac{(\tan(u))^3 w^6}{(1-v^2)^{3/2}}$	T	P	R	K
23912	20350	1	$e^{\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}}$	T	P	R	E
23913	20351	1	$\log\left(\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}\right)$	T	P	R	L
23914	20352	1	$\arcsin\left(\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}\right)$	T	P	R	S
23915	20353	1	$\arctan\left(\frac{\tan(u) w^2}{\sqrt{-(v-1)(v+1)}}\right)$	T	P	R	T
23916	20354	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^4}{-1+v^2}}$	T	P	R	P
23917	20354	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^4}{-1+v^2}}$	T	H	R	H
23918	20355	1	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w^4}{-1+v^2}}$	T	P	R	H
23919	20355	2	$\sqrt{-\frac{1-v^2+(\tan(u))^2 w^4}{-1+v^2}}$	T	H	R	P
23920	20356	1	$\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}$	T	P	K	CD

23921	20357	1	$\frac{\sqrt{1-v^2}}{\tan(u) \sqrt[3]{w}}$	T	P	K	CDI
23922	20358	1	$\frac{\tan(u) \sqrt[3]{w} \pi}{\sqrt{1-v^2}}$	T	P	K	CDF
23923	20359	1	$\frac{\sqrt{1-v^2}}{\tan(u) \sqrt[3]{w} \pi}$	T	P	K	CDIF
23924	20360	1	$-\frac{(\tan(u))^2 w^{2/3}}{-1+v^2}$	T	P	K	AB
23925	20361	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}}$	T	P	K	R
23926	20362	1	$\frac{(\tan(u))^3 w}{(1-v^2)^{3/2}}$	T	P	K	K
23927	20363	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}}$	T	P	K	E
23928	20364	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	T	P	K	L
23929	20365	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	T	P	K	S
23930	20366	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	T	P	K	T
23931	20367	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^{2/3}}{-1+v^2}}$	T	P	K	P
23932	20367	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 w^{2/3}}{-1+v^2}}$	T	H	K	H
23933	20368	1	$\sqrt{\frac{-1+v^2-(\tan(u))^2 w^{2/3}}{-1+v^2}}$	T	P	K	H
23934	20368	2	$\sqrt{\frac{-1+v^2-(\tan(u))^2 w^{2/3}}{-1+v^2}}$	T	H	K	P

23935	20369	1	$\frac{\tan(u) \ln(w)}{\sqrt{1-v^2}}$	T	P	E	CD
23936	20370	1	$\frac{\sqrt{1-v^2}}{\tan(u) \ln(w)}$	T	P	E	CDI
23937	20371	1	$\frac{\tan(u) \ln(w) \pi}{\sqrt{1-v^2}}$	T	P	E	CDF
23938	20372	1	$\frac{\sqrt{1-v^2}}{\tan(u) \ln(w) \pi}$	T	P	E	CDIF
23939	20373	1	$-\frac{(\tan(u))^2 (\ln(w))^2}{-1+v^2}$	T	P	E	AB
23940	20374	1	$\sqrt{\frac{\tan(u) \ln(w)}{\sqrt{1-v^2}}}$	T	P	E	R
23941	20375	1	$\frac{(\tan(u))^3 (\ln(w))^3}{(1-v^2)^{3/2}}$	T	P	E	K
23942	20376	1	$w^{\frac{\tan(u)}{\sqrt{1-v^2}}}$	T	P	E	E
23943	20377	1	$\log\left(\frac{\tan(u) \ln(w)}{\sqrt{1-v^2}}\right)$	T	P	E	L
23944	20378	1	$\arcsin\left(\frac{\tan(u) \ln(w)}{\sqrt{1-v^2}}\right)$	T	P	E	S
23945	20379	1	$\arctan\left(\frac{\tan(u) \ln(w)}{\sqrt{1-v^2}}\right)$	T	P	E	T
23946	20380	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 (\ln(w))^2}{-1+v^2}}$	T	P	E	P
23947	20380	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 (\ln(w))^2}{-1+v^2}}$	T	H	E	H
23948	20381	1	$\sqrt{\frac{-1+v^2-(\tan(u))^2 (\ln(w))^2}{-1+v^2}}$	T	P	E	H
23949	20381	2	$\sqrt{\frac{-1+v^2-(\tan(u))^2 (\ln(w))^2}{-1+v^2}}$	T	H	E	P

23950	20382	1	$\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}$	T	P	L	CD
23951	20383	1	$\frac{\sqrt{1-v^2}}{\tan(u) \operatorname{Exp}(w)}$	T	P	L	CDI
23952	20384	1	$\frac{\tan(u) \operatorname{Exp}(w) \pi}{\sqrt{1-v^2}}$	T	P	L	CDF
23953	20385	1	$\frac{\sqrt{1-v^2}}{\tan(u) \operatorname{Exp}(w) \pi}$	T	P	L	CDIF
23954	20386	1	$-\frac{(\tan(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}$	T	P	L	AB
23955	20387	1	$\sqrt{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}}$	T	P	L	R
23956	20388	1	$\frac{(\tan(u))^3 (\operatorname{Exp}(w))^3}{(1-v^2)^{3/2}}$	T	P	L	K
23957	20389	1	$e^{\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}}$	T	P	L	E
23958	20390	1	$\log\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	T	P	L	L
23959	20391	1	$\arcsin\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	T	P	L	S
23960	20392	1	$\arctan\left(\frac{\tan(u) \operatorname{Exp}(w)}{\sqrt{1-v^2}}\right)$	T	P	L	T
23961	20393	1	$\sqrt{\frac{-1+v^2+(\tan(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	T	P	L	P
23962	20393	2	$\sqrt{\frac{-1+v^2+(\tan(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	T	H	L	H
23963	20394	1	$\sqrt{\frac{-1+v^2-(\tan(u))^2 (\operatorname{Exp}(w))^2}{-1+v^2}}$	T	P	L	H

23964	20394	2	$\sqrt{\frac{-1+v^2-(\tan(u))^2(Exp(w))^2}{-1+v^2}}$	T	H	L	P
23965	20395	1	$\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}$	T	P	S	CD
23966	20396	1	$\frac{\cos(u)\sqrt{1-v^2}}{\sin(u)\sin(w)}$	T	P	S	CDI
23967	20397	1	$\frac{\sin(u)\sin(w)\pi}{\cos(u)\sqrt{1-v^2}}$	T	P	S	CDF
23968	20398	1	$\frac{\cos(u)\sqrt{1-v^2}}{\sin(u)\sin(w)\pi}$	T	P	S	CDIF
23969	20399	1	$-\frac{(\sin(u))^2(\sin(w))^2}{(\cos(u))^2(-1+v^2)}$	T	P	S	AB
23970	20400	1	$\sqrt{\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}}$	T	P	S	R
23971	20401	1	$\frac{(\sin(u))^3(\sin(w))^3}{(\cos(u))^3(1-v^2)^{3/2}}$	T	P	S	K
23972	20402	1	$e^{\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}}$	T	P	S	E
23973	20403	1	$\log\left(\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}\right)$	T	P	S	L
23974	20404	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}\right)$	T	P	S	S
23975	20405	1	$\arctan\left(\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{1-v^2}}\right)$	T	P	S	T
23976	20406	1	$\sqrt{\frac{-2(\cos(u))^2+v^2(\cos(u))^2+1-(\cos(w))^2+(\cos(u))^2(\cos(w))^2}{(\cos(u))^2(-1+v^2)}}$	T	P	S	P
23977	20406	2	$\sqrt{\frac{-2(\cos(u))^2+v^2(\cos(u))^2+1-(\cos(w))^2+(\cos(u))^2(\cos(w))^2}{(\cos(u))^2(-1+v^2)}}$	T	H	S	H

23978	20407	1	$\sqrt{\frac{v^2 (\cos(u))^2 - 1 + (\cos(w))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (-1 + v^2)}}$	T	P	S	H
23979	20407	2	$\sqrt{\frac{v^2 (\cos(u))^2 - 1 + (\cos(w))^2 - (\cos(u))^2 (\cos(w))^2}{(\cos(u))^2 (-1 + v^2)}}$	T	H	S	P
23980	20408	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{1 - v^2} \cos(w)}$	T	P	T	CD
23981	20409	1	$\frac{\cos(u) \sqrt{1 - v^2} \cos(w)}{\sin(u) \sin(w)}$	T	P	T	CDI
23982	20410	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt{1 - v^2} \cos(w)}$	T	P	T	CDF
23983	20411	1	$\frac{\cos(u) \sqrt{1 - v^2} \cos(w)}{\sin(u) \sin(w) \pi}$	T	P	T	CDIF
23984	20412	1	$-\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 (\cos(w))^2 (-1 + v^2)}$	T	P	T	AB
23985	20413	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{1 - v^2} \cos(w)}}$	T	P	T	R
23986	20414	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 (1 - v^2)^{3/2} (\cos(w))^3}$	T	P	T	K
23987	20415	1	$\frac{\sin(u) \sin(w)}{e^{\cos(u) \sqrt{1 - v^2} \cos(w)}}$	T	P	T	E
23988	20416	1	$\log\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{1 - v^2} \cos(w)}\right)$	T	P	T	L
23989	20417	1	$\arcsin\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{1 - v^2} \cos(w)}\right)$	T	P	T	S
23990	20418	1	$\arctan\left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{1 - v^2} \cos(w)}\right)$	T	P	T	T
23991	20419	1	$\sqrt{\frac{v^2 (\cos(u))^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2}{(\cos(u))^2 (\cos(w))^2 (-1 + v^2)}}$	T	P	T	P
23992	20419	2	$\sqrt{\frac{v^2 (\cos(u))^2 (\cos(w))^2 + 1 - (\cos(w))^2 - (\cos(u))^2}{(\cos(u))^2 (\cos(w))^2 (-1 + v^2)}}$	T	H	T	H

23993	20420	1	$\sqrt{\frac{-2(\cos(u))^2(\cos(w))^2 + v^2(\cos(u))^2(\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2}{(\cos(u))^2(\cos(w))^2(-1 + v^2)}}$	T	P	P	H
23994	20420	2	$\sqrt{\frac{-2(\cos(u))^2(\cos(w))^2 + v^2(\cos(u))^2(\cos(w))^2 - 1 + (\cos(w))^2 + (\cos(u))^2}{(\cos(u))^2(\cos(w))^2(-1 + v^2)}}$	T	H	T	P
23995	20421	1	$\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}$	T	P	P	CD
23996	20422	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{1-w^2}}$	T	P	P	CDI
23997	20423	1	$\frac{\tan(u)\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	T	P	P	CDF
23998	20424	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{1-w^2}\pi}$	T	P	P	CDIF
23999	20425	1	$\frac{(\tan(u))^2(-1+w^2)}{-1+v^2}$	T	P	P	AB
24000	20425	2	$\frac{(\tan(u))^2(-1+w^2)}{-1+v^2}$	T	H	H	AB
24001	20426	1	$\sqrt{\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	T	P	P	R
24002	20427	1	$\frac{(\tan(u))^3(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	T	P	P	K
24003	20428	1	$e^{\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	T	P	P	E
24004	20429	1	$\log\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	T	P	P	L
24005	20430	1	$\arcsin\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	T	P	P	S
24006	20431	1	$\arctan\left(\frac{\tan(u)\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	T	P	P	T

24007	20432	1	$\sqrt{-\frac{1-v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	P	P	P
24008	20432	2	$\sqrt{-\frac{1-v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	P	H	H
24009	20432	3	$\sqrt{-\frac{1-v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	H	P	H
24010	20432	4	$\sqrt{-\frac{1-v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	H	H	P
24011	20433	1	$\sqrt{\frac{-1+v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	P	P	H
24012	20433	2	$\sqrt{\frac{-1+v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	P	H	P
24013	20433	3	$\sqrt{\frac{-1+v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	H	P	P
24014	20433	4	$\sqrt{\frac{-1+v^2-(\tan(u))^2+(\tan(u))^2w^2}{-1+v^2}}$	H	H	H
24015	20434	1	$\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	T	P	H CD
24016	20435	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{-1+w^2}}$	T	P	H CDI
24017	20436	1	$\frac{\tan(u)\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	T	P	H CDF
24018	20437	1	$\frac{\sqrt{1-v^2}}{\tan(u)\sqrt{-1+w^2}\pi}$	T	P	H CDIF
24019	20438	1	$-\frac{(\tan(u))^2(-1+w^2)}{-1+v^2}$	T	P	H AB
24020	20438	2	$-\frac{(\tan(u))^2(-1+w^2)}{-1+v^2}$	T	H	P AB

24021	20439	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	T	P	H	R
24022	20440	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	T	P	H	K
24023	20441	1	$e^{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	T	P	H	E
24024	20442	1	$\log\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	T	P	H	L
24025	20443	1	$\arcsin\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	T	P	H	S
24026	20444	1	$\arctan\left(\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	T	P	H	T
24027	20445	1	$\frac{\tan(u) w}{\sqrt{-1+v^2}}$	T	H	CD	CD
24028	20445	2	$\frac{\tan(u) w}{\sqrt{-1+v^2}}$	T	H	CDF	CDF
24029	20446	1	$\frac{\sqrt{-1+v^2}}{\tan(u) w}$	T	H	CD	CDI
24030	20446	2	$\frac{\sqrt{-1+v^2}}{\tan(u) w}$	T	H	CDF	CDIF
24031	20447	1	$\frac{\tan(u) w \pi}{\sqrt{-1+v^2}}$	T	H	CD	CDF
24032	20448	1	$\frac{\sqrt{-1+v^2}}{\tan(u) w \pi}$	T	H	CD	CDIF
24033	20449	1	$\frac{(\tan(u))^2 w^2}{-1+v^2}$	T	H	CD	AB
24034	20450	1	$\sqrt{\frac{\tan(u) w}{\sqrt{-1+v^2}}}$	T	H	CD	R

24035	20451	1	$\frac{(\tan(u))^3 w^3}{(-1+v^2)^{3/2}}$	T	H	CD	K
24036	20452	1	$e^{\frac{\tan(u)w}{\sqrt{-1+v^2}}}$	T	H	CD	E
24037	20453	1	$\log\left(\frac{\tan(u)w}{\sqrt{-1+v^2}}\right)$	T	H	CD	L
24038	20454	1	$\arcsin\left(\frac{\tan(u)w}{\sqrt{-1+v^2}}\right)$	T	H	CD	S
24039	20455	1	$\arctan\left(\frac{\tan(u)w}{\sqrt{-1+v^2}}\right)$	T	H	CD	T
24040	20456	1	$\frac{\tan(u)}{\sqrt{-1+v^2}w}$	T	H	CDI	CD
24041	20457	1	$\frac{\sqrt{-1+v^2}w}{\tan(u)}$	T	H	CDI	CDI
24042	20457	2	$\frac{\sqrt{-1+v^2}w}{\tan(u)}$	T	H	CDIF	CDIF
24043	20458	1	$\frac{\tan(u)\pi}{\sqrt{-1+v^2}w}$	T	H	CDI	CDF
24044	20459	1	$\frac{\sqrt{-1+v^2}w}{\tan(u)\pi}$	T	H	CDI	CDIF
24045	20460	1	$\frac{(\tan(u))^2}{w^2(-1+v^2)}$	T	H	CDI	AB
24046	20461	1	$\sqrt{\frac{\tan(u)}{\sqrt{-1+v^2}w}}$	T	H	CDI	R
24047	20462	1	$\frac{(\tan(u))^3}{(-1+v^2)^{3/2}w^3}$	T	H	CDI	K
24048	20463	1	$e^{\frac{\tan(u)}{\sqrt{-1+v^2}w}}$	T	H	CDI	E
24049	20464	1	$\log\left(\frac{\tan(u)}{\sqrt{-1+v^2}w}\right)$	T	H	CDI	L

24050	20465	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{-1+v^2}w}\right)$	T	H	CDI	S
24051	20466	1	$\arctan\left(\frac{\tan(u)}{\sqrt{-1+v^2}w}\right)$	T	H	CDI	T
24052	20467	1	$\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}$	T	H	CDF	CD
24053	20468	1	$\frac{\sqrt{-1+v^2}\pi}{\tan(u)w}$	T	H	CDF	CDI
24054	20469	1	$\frac{(\tan(u))^2 w^2}{\pi^2 (-1+v^2)}$	T	H	CDF	AB
24055	20470	1	$\sqrt{\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}}$	T	H	CDF	R
24056	20471	1	$\frac{(\tan(u))^3 w^3}{(-1+v^2)^{3/2} \pi^3}$	T	H	CDF	K
24057	20472	1	$e^{\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}}$	T	H	CDF	E
24058	20473	1	$\log\left(\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}\right)$	T	H	CDF	L
24059	20474	1	$\arcsin\left(\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}\right)$	T	H	CDF	S
24060	20475	1	$\arctan\left(\frac{\tan(u)w}{\sqrt{-1+v^2}\pi}\right)$	T	H	CDF	T
24061	20476	1	$\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}$	T	H	CDIF	CD
24062	20477	1	$\frac{\sqrt{-1+v^2}w\pi}{\tan(u)}$	T	H	CDIF	CDI
24063	20478	1	$\frac{\tan(u)}{\sqrt{(v-1)(v+1)}w}$	T	H	CDIF	CDF

24064	20479	1	$\frac{(\tan(u))^2}{w^2\pi^2(-1+v^2)}$	T	H	CDIF	AB
24065	20480	1	$\sqrt{\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}}$	T	H	CDIF	R
24066	20481	1	$\frac{(\tan(u))^3}{(-1+v^2)^{3/2}w^3\pi^3}$	T	H	CDIF	K
24067	20482	1	$e^{\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}}$	T	H	CDIF	E
24068	20483	1	$\log\left(\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}\right)$	T	H	CDIF	L
24069	20484	1	$\arcsin\left(\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}\right)$	T	H	CDIF	S
24070	20485	1	$\arctan\left(\frac{\tan(u)}{\sqrt{-1+v^2}w\pi}\right)$	T	H	CDIF	T
24071	20486	1	$\frac{\tan(u)\sqrt{w}}{\sqrt{-1+v^2}}$	T	H	AB	CD
24072	20487	1	$\frac{\sqrt{-1+v^2}}{\tan(u)\sqrt{w}}$	T	H	AB	CDI
24073	20488	1	$\frac{\tan(u)\sqrt{w}\pi}{\sqrt{-1+v^2}}$	T	H	AB	CDF
24074	20489	1	$\frac{\sqrt{-1+v^2}}{\tan(u)\sqrt{w}\pi}$	T	H	AB	CDIF
24075	20490	1	$\frac{(\tan(u))^2 w}{-1+v^2}$	T	H	AB	AB
24076	20491	1	$\sqrt{\frac{\tan(u)\sqrt{w}}{\sqrt{-1+v^2}}}$	T	H	AB	R
24077	20492	1	$\frac{(\tan(u))^3 w^{3/2}}{(-1+v^2)^{3/2}}$	T	H	AB	K
24078	20493	1	$e^{\frac{\tan(u)\sqrt{w}}{\sqrt{-1+v^2}}}$	T	H	AB	E

24079	20494	1	$\log \left(\frac{\tan(u) \sqrt{w}}{\sqrt{-1+v^2}} \right)$	T	H	AB	L
24080	20495	1	$\arcsin \left(\frac{\tan(u) \sqrt{w}}{\sqrt{-1+v^2}} \right)$	T	H	AB	S
24081	20496	1	$\arctan \left(\frac{\tan(u) \sqrt{w}}{\sqrt{-1+v^2}} \right)$	T	H	AB	T
24082	20497	1	$\frac{\tan(u) w^2}{\sqrt{(v-1)(v+1)}}$	T	H	R	CD
24083	20498	1	$\frac{\sqrt{-1+v^2}}{\tan(u) w^2}$	T	H	R	CDI
24084	20499	1	$\frac{\tan(u) w^2 \pi}{\sqrt{(v-1)(v+1)}}$	T	H	R	CDF
24085	20500	1	$\frac{\sqrt{-1+v^2}}{\tan(u) w^2 \pi}$	T	H	R	CDIF
24086	20501	1	$\frac{(\tan(u))^2 w^4}{-1+v^2}$	T	H	R	AB
24087	20502	1	$\sqrt{\frac{\tan(u) w^2}{\sqrt{(v-1)(v+1)}}}$	T	H	R	R
24088	20503	1	$\frac{(\tan(u))^3 w^6}{(-1+v^2)^{3/2}}$	T	H	R	K
24089	20504	1	$\frac{\tan(u) w^2}{e^{\sqrt{(v-1)(v+1)}}$	T	H	R	E
24090	20505	1	$\log \left(\frac{\tan(u) w^2}{\sqrt{(v-1)(v+1)}}$	T	H	R	L
24091	20506	1	$\arcsin \left(\frac{\tan(u) w^2}{\sqrt{(v-1)(v+1)}}$	T	H	R	S
24092	20507	1	$\arctan \left(\frac{\tan(u) w^2}{\sqrt{(v-1)(v+1)}}$	T	H	R	T

24093	20508	1	$\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}$	T	H	K	CD
24094	20509	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt[3]{w}}$	T	H	K	CDI
24095	20510	1	$\frac{\tan(u) \sqrt[3]{w} \pi}{\sqrt{-1+v^2}}$	T	H	K	CDF
24096	20511	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt[3]{w} \pi}$	T	H	K	CDIF
24097	20512	1	$\frac{(\tan(u))^2 w^{2/3}}{-1+v^2}$	T	H	K	AB
24098	20513	1	$\sqrt{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	T	H	K	R
24099	20514	1	$\frac{(\tan(u))^3 w}{(-1+v^2)^{3/2}}$	T	H	K	K
24100	20515	1	$e^{\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	T	H	K	E
24101	20516	1	$\log\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	T	H	K	L
24102	20517	1	$\arcsin\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	T	H	K	S
24103	20518	1	$\arctan\left(\frac{\tan(u) \sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	T	H	K	T
24104	20519	1	$\frac{\tan(u) \ln(w)}{\sqrt{-1+v^2}}$	T	H	E	CD
24105	20520	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \ln(w)}$	T	H	E	CDI
24106	20521	1	$\frac{\tan(u) \ln(w) \pi}{\sqrt{-1+v^2}}$	T	H	E	CDF

24107	20522	1	$\frac{\sqrt{-1+v^2}}{\tan(u)\ln(w)\pi}$	T	H	E	CDIF
24108	20523	1	$\frac{(\tan(u))^2(\ln(w))^2}{-1+v^2}$	T	H	E	AB
24109	20524	1	$\sqrt{\frac{\tan(u)\ln(w)}{\sqrt{-1+v^2}}}$	T	H	E	R
24110	20525	1	$\frac{(\tan(u))^3(\ln(w))^3}{(-1+v^2)^{3/2}}$	T	H	E	K
24111	20526	1	$w\frac{\tan(u)}{\sqrt{-1+v^2}}$	T	H	E	E
24112	20527	1	$\log\left(\frac{\tan(u)\ln(w)}{\sqrt{-1+v^2}}\right)$	T	H	E	L
24113	20528	1	$\arcsin\left(\frac{\tan(u)\ln(w)}{\sqrt{-1+v^2}}\right)$	T	H	E	S
24114	20529	1	$\arctan\left(\frac{\tan(u)\ln(w)}{\sqrt{-1+v^2}}\right)$	T	H	E	T
24115	20530	1	$\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}$	T	H	L	CD
24116	20531	1	$\frac{\sqrt{-1+v^2}}{\tan(u)\text{Exp}(w)}$	T	H	L	CDI
24117	20532	1	$\frac{\tan(u)\text{Exp}(w)\pi}{\sqrt{-1+v^2}}$	T	H	L	CDF
24118	20533	1	$\frac{\sqrt{-1+v^2}}{\tan(u)\text{Exp}(w)\pi}$	T	H	L	CDIF
24119	20534	1	$\frac{(\tan(u))^2(\text{Exp}(w))^2}{-1+v^2}$	T	H	L	AB
24120	20535	1	$\sqrt{\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}}$	T	H	L	R

24121	20536	1	$\frac{(\tan(u))^3 (\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	T	H	L	K
24122	20537	1	$e^{\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}}$	T	H	L	E
24123	20538	1	$\log\left(\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	T	H	L	L
24124	20539	1	$\arcsin\left(\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	T	H	L	S
24125	20540	1	$\arctan\left(\frac{\tan(u)\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	T	H	L	T
24126	20541	1	$\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{-1+v^2}}$	T	H	S	CD
24127	20542	1	$\frac{\cos(u)\sqrt{-1+v^2}}{\sin(u)\sin(w)}$	T	H	S	CDI
24128	20543	1	$\frac{\sin(u)\sin(w)\pi}{\cos(u)\sqrt{-1+v^2}}$	T	H	S	CDF
24129	20544	1	$\frac{\cos(u)\sqrt{-1+v^2}}{\sin(u)\sin(w)\pi}$	T	H	S	CDIF
24130	20545	1	$\frac{(\sin(u))^2(\sin(w))^2}{(\cos(u))^2(-1+v^2)}$	T	H	S	AB
24131	20546	1	$\sqrt{\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{-1+v^2}}}$	T	H	S	R
24132	20547	1	$\frac{(\sin(u))^3(\sin(w))^3}{(\cos(u))^3(-1+v^2)^{3/2}}$	T	H	S	K
24133	20548	1	$e^{\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{-1+v^2}}}$	T	H	S	E
24134	20549	1	$\log\left(\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{-1+v^2}}\right)$	T	H	S	L
24135	20550	1	$\arcsin\left(\frac{\sin(u)\sin(w)}{\cos(u)\sqrt{-1+v^2}}\right)$	T	H	S	S

24136	20551	1	$\arctan \left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2}} \right)$	T	H	S	T
24137	20552	1	$\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)}$	T	H	T	CD
24138	20553	1	$\frac{\cos(u) \sqrt{-1+v^2} \cos(w)}{\sin(u) \sin(w)}$	T	H	T	CDI
24139	20554	1	$\frac{\sin(u) \sin(w) \pi}{\cos(u) \sqrt{-1+v^2} \cos(w)}$	T	H	T	CDF
24140	20555	1	$\frac{\cos(u) \sqrt{-1+v^2} \cos(w)}{\sin(u) \sin(w) \pi}$	T	H	T	CDIF
24141	20556	1	$\frac{(\sin(u))^2 (\sin(w))^2}{(\cos(u))^2 (\cos(w))^2 (-1+v^2)}$	T	H	T	AB
24142	20557	1	$\sqrt{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)}}$	T	H	T	R
24143	20558	1	$\frac{(\sin(u))^3 (\sin(w))^3}{(\cos(u))^3 (-1+v^2)^{3/2} (\cos(w))^3}$	T	H	T	K
24144	20559	1	$e^{\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)}}$	T	H	T	E
24145	20560	1	$\log \left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)} \right)$	T	H	T	L
24146	20561	1	$\arcsin \left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)} \right)$	T	H	T	S
24147	20562	1	$\arctan \left(\frac{\sin(u) \sin(w)}{\cos(u) \sqrt{-1+v^2} \cos(w)} \right)$	T	H	T	T
24148	20563	1	$\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	T	H	P	CD
24149	20564	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt{1-w^2}}$	T	H	P	CDI

24150	20565	1	$\frac{\tan(u) \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	T	H	P	CDF
24151	20566	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt{1-w^2} \pi}$	T	H	P	CDIF
24152	20567	1	$\sqrt{\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	T	H	P	R
24153	20568	1	$\frac{(\tan(u))^3 (1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	T	H	P	K
24154	20569	1	$e^{\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	T	H	P	E
24155	20570	1	$\log\left(\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	T	H	P	L
24156	20571	1	$\arcsin\left(\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	T	H	P	S
24157	20572	1	$\arctan\left(\frac{\tan(u) \sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	T	H	P	T
24158	20573	1	$\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	T	H	H	CD
24159	20574	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt{-1+w^2}}$	T	H	H	CDI
24160	20575	1	$\frac{\tan(u) \sqrt{-1+w^2} \pi}{\sqrt{-1+v^2}}$	T	H	H	CDF
24161	20576	1	$\frac{\sqrt{-1+v^2}}{\tan(u) \sqrt{-1+w^2} \pi}$	T	H	H	CDIF
24162	20577	1	$\sqrt{\frac{\tan(u) \sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	T	H	H	R
24163	20578	1	$\frac{(\tan(u))^3 (-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	T	H	H	K

24164	20579	1	$e^{\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	T	H	H	E
24165	20580	1	$\log\left(\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	T	H	H	L
24166	20581	1	$\arcsin\left(\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	T	H	H	S
24167	20582	1	$\arctan\left(\frac{\tan(u)\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	T	H	H	T
24168	20583	1	$\frac{\sqrt{1-u^2}w}{v}$	P	CD	CD	CD
24169	20584	1	$\frac{v}{\sqrt{1-u^2}w}$	P	CD	CD	CDI
24170	20584	2	$\frac{v}{\sqrt{1-u^2}w}$	P	CD	CDF	CDIF
24171	20584	3	$\frac{v}{\sqrt{1-u^2}w}$	P	CDF	CDF	CDI
24172	20585	1	$\frac{\sqrt{1-u^2}w\pi}{v}$	P	CD	CD	CDF
24173	20585	2	$\frac{\sqrt{1-u^2}w\pi}{v}$	P	CDF	CD	CD
24174	20585	3	$\frac{\sqrt{1-u^2}w\pi}{v}$	P	CDF	CDF	CDF
24175	20586	1	$\frac{v}{\sqrt{1-u^2}w\pi}$	P	CD	CD	CDIF
24176	20586	2	$\frac{v}{\sqrt{1-u^2}w\pi}$	P	CDF	CD	CDI
24177	20586	3	$\frac{v}{\sqrt{1-u^2}w\pi}$	P	CDF	CDF	CDIF
24178	20587	1	$-\frac{w^2(-1+u^2)}{v^2}$	P	CD	CD	AB
24179	20587	2	$-\frac{w^2(-1+u^2)}{v^2}$	P	CDF	CDF	AB

24180	20588	1	$\sqrt{\frac{\sqrt{1-u^2}w}{v}}$	P	CD	CD	R
24181	20589	1	$\frac{(1-u^2)^{3/2}w^3}{v^3}$	P	CD	CD	K
24182	20589	2	$\frac{(1-u^2)^{3/2}w^3}{v^3}$	P	CDF	CDF	K
24183	20590	1	$e^{\frac{\sqrt{1-u^2}w}{v}}$	P	CD	CD	E
24184	20591	1	$\log\left(\frac{\sqrt{1-u^2}w}{v}\right)$	P	CD	CD	L
24185	20592	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{v}\right)$	P	CD	CD	S
24186	20593	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{v}\right)$	P	CD	CD	T
24187	20594	1	$\sqrt{\frac{v^2-w^2+u^2w^2}{v^2}}$	P	CD	CD	P
24188	20594	2	$\sqrt{\frac{v^2-w^2+u^2w^2}{v^2}}$	P	CDF	CDF	P
24189	20594	3	$\sqrt{\frac{v^2-w^2+u^2w^2}{v^2}}$	H	CD	CD	H
24190	20594	4	$\sqrt{\frac{v^2-w^2+u^2w^2}{v^2}}$	H	CDF	CDF	H
24191	20595	1	$\sqrt{-\frac{v^2-w^2+u^2w^2}{v^2}}$	P	CD	CD	H
24192	20595	2	$\sqrt{-\frac{v^2-w^2+u^2w^2}{v^2}}$	P	CDF	CDF	H
24193	20595	3	$\sqrt{-\frac{v^2-w^2+u^2w^2}{v^2}}$	H	CD	CD	P
24194	20595	4	$\sqrt{-\frac{v^2-w^2+u^2w^2}{v^2}}$	H	CDF	CDF	P
24195	20596	1	$\frac{\sqrt{1-u^2}}{vw}$	P	CD	CDI	CD

24196	20596	2	$\frac{\sqrt{1-u^2}}{vw}$	P	CD	CDIF	CDF
24197	20596	3	$\frac{\sqrt{1-u^2}}{vw}$	P	CDF	CDIF	CD
24198	20597	1	$\frac{vw}{\sqrt{1-u^2}}$	P	CD	CDI	CDI
24199	20597	2	$\frac{vw}{\sqrt{1-u^2}}$	P	CD	CDIF	CDIF
24200	20597	3	$\frac{vw}{\sqrt{1-u^2}}$	P	CDF	CDIF	CDI
24201	20598	1	$\frac{\sqrt{1-u^2}\pi}{vw}$	P	CD	CDI	CDF
24202	20598	2	$\frac{\sqrt{1-u^2}\pi}{vw}$	P	CDF	CDI	CD
24203	20599	1	$\frac{vw}{\sqrt{1-u^2}\pi}$	P	CD	CDI	CDIF
24204	20599	2	$\frac{vw}{\sqrt{1-u^2}\pi}$	P	CDF	CDI	CDI
24205	20599	3	$\frac{vw}{\sqrt{1-u^2}\pi}$	P	CDF	CDIF	CDIF
24206	20600	1	$-\frac{-1+u^2}{v^2w^2}$	P	CD	CDI	AB
24207	20600	2	$-\frac{-1+u^2}{v^2w^2}$	P	CDF	CDIF	AB
24208	20601	1	$\sqrt{\frac{\sqrt{1-u^2}}{vw}}$	P	CD	CDI	R
24209	20601	2	$\sqrt{\frac{\sqrt{1-u^2}}{vw}}$	P	CDF	CDIF	R
24210	20602	1	$\frac{(1-u^2)^{3/2}}{v^3w^3}$	P	CD	CDI	K
24211	20602	2	$\frac{(1-u^2)^{3/2}}{v^3w^3}$	P	CDF	CDIF	K
24212	20603	1	$e^{\frac{\sqrt{1-u^2}}{vw}}$	P	CD	CDI	E
24213	20603	2	$e^{\frac{\sqrt{1-u^2}}{vw}}$	P	CDF	CDIF	E

24214	20604	1	$\log \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CD	CDI	L
24215	20604	2	$\log \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CDF	CDIF	L
24216	20605	1	$\arcsin \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CD	CDI	S
24217	20605	2	$\arcsin \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CDF	CDIF	S
24218	20606	1	$\arctan \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CD	CDI	T
24219	20606	2	$\arctan \left(\frac{\sqrt{1-u^2}}{vw} \right)$	P	CDF	CDIF	T
24220	20607	1	$\sqrt{\frac{v^2w^2-1+u^2}{v^2w^2}}$	P	CD	CDI	P
24221	20607	2	$\sqrt{\frac{v^2w^2-1+u^2}{v^2w^2}}$	P	CDF	CDIF	P
24222	20607	3	$\sqrt{\frac{v^2w^2-1+u^2}{v^2w^2}}$	H	CD	CDI	H
24223	20607	4	$\sqrt{\frac{v^2w^2-1+u^2}{v^2w^2}}$	H	CDF	CDIF	H
24224	20608	1	$\sqrt{-\frac{v^2w^2-1+u^2}{v^2w^2}}$	P	CD	CDI	H
24225	20608	2	$\sqrt{-\frac{v^2w^2-1+u^2}{v^2w^2}}$	P	CDF	CDIF	H
24226	20608	3	$\sqrt{-\frac{v^2w^2-1+u^2}{v^2w^2}}$	H	CD	CDI	P
24227	20608	4	$\sqrt{-\frac{v^2w^2-1+u^2}{v^2w^2}}$	H	CDF	CDIF	P
24228	20609	1	$\frac{\sqrt{1-u^2}w}{v\pi}$	P	CD	CDF	CD
24229	20610	1	$\frac{v\pi}{\sqrt{1-u^2}w}$	P	CD	CDF	CDI

24230	20611 1	$\frac{\sqrt{-(u-1)(u+1)}w}{v}$	P	CD	CDF	CDF
24231	20611 2	$\frac{\sqrt{-(u-1)(u+1)}w}{v}$	P	CDF	CDF	CD
24232	20612 1	$-\frac{w^2(-1+u^2)}{v^2\pi^2}$	P	CD	CDF	AB
24233	20613 1	$\sqrt{\frac{\sqrt{1-u^2}w}{v\pi}}$	P	CD	CDF	R
24234	20614 1	$\frac{(1-u^2)^{3/2}w^3}{v^3\pi^3}$	P	CD	CDF	K
24235	20615 1	$e^{\frac{\sqrt{1-u^2}w}{v\pi}}$	P	CD	CDF	E
24236	20616 1	$\log\left(\frac{\sqrt{1-u^2}w}{v\pi}\right)$	P	CD	CDF	L
24237	20617 1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{v\pi}\right)$	P	CD	CDF	S
24238	20618 1	$\arctan\left(\frac{\sqrt{1-u^2}w}{v\pi}\right)$	P	CD	CDF	T
24239	20619 1	$\sqrt{\frac{v^2\pi^2-w^2+u^2w^2}{v^2\pi^2}}$	P	CD	CDF	P
24240	20619 2	$\sqrt{\frac{v^2\pi^2-w^2+u^2w^2}{v^2\pi^2}}$	H	CD	CDF	H
24241	20620 1	$\sqrt{-\frac{v^2\pi^2-w^2+u^2w^2}{v^2\pi^2}}$	P	CD	CDF	H
24242	20620 2	$\sqrt{-\frac{v^2\pi^2-w^2+u^2w^2}{v^2\pi^2}}$	H	CD	CDF	P
24243	20621 1	$\frac{\sqrt{1-u^2}}{vw\pi}$	P	CD	CDIF	CD

24244	20622	1	$\frac{vw\pi}{\sqrt{1-u^2}}$	P	CD	CDIF	CDI
24245	20623	1	$-\frac{-1+u^2}{v^2w^2\pi^2}$	P	CD	CDIF	AB
24246	20624	1	$\sqrt{\frac{\sqrt{1-u^2}}{vw\pi}}$	P	CD	CDIF	R
24247	20625	1	$\frac{(1-u^2)^{3/2}}{v^3w^3\pi^3}$	P	CD	CDIF	K
24248	20626	1	$e^{\frac{\sqrt{1-u^2}}{vw\pi}}$	P	CD	CDIF	E
24249	20627	1	$\log\left(\frac{\sqrt{1-u^2}}{vw\pi}\right)$	P	CD	CDIF	L
24250	20628	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{vw\pi}\right)$	P	CD	CDIF	S
24251	20629	1	$\arctan\left(\frac{\sqrt{1-u^2}}{vw\pi}\right)$	P	CD	CDIF	T
24252	20630	1	$\sqrt{\frac{v^2w^2\pi^2-1+u^2}{v^2w^2\pi^2}}$	P	CD	CDIF	P
24253	20630	2	$\sqrt{\frac{v^2w^2\pi^2-1+u^2}{v^2w^2\pi^2}}$	H	CD	CDIF	H
24254	20631	1	$\sqrt{-\frac{v^2w^2\pi^2-1+u^2}{v^2w^2\pi^2}}$	P	CD	CDIF	H
24255	20631	2	$\sqrt{-\frac{v^2w^2\pi^2-1+u^2}{v^2w^2\pi^2}}$	H	CD	CDIF	P
24256	20632	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{v}$	P	CD	AB	CD
24257	20633	1	$\frac{v}{\sqrt{1-u^2}\sqrt{w}}$	P	CD	AB	CDI
24258	20634	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{v}$	P	CD	AB	CDF

24259	20634	2	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{v}$	P	CDF	AB	CD
24260	20635	1	$\frac{v}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	CD	AB	CDIF
24261	20635	2	$\frac{v}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	CDF	AB	CDI
24262	20636	1	$-\frac{w(-1+u^2)}{v^2}$	P	CD	AB	AB
24263	20637	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{v}}$	P	CD	AB	R
24264	20638	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{v^3}$	P	CD	AB	K
24265	20639	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{v}}$	P	CD	AB	E
24266	20640	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{v}\right)$	P	CD	AB	L
24267	20641	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{v}\right)$	P	CD	AB	S
24268	20642	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{v}\right)$	P	CD	AB	T
24269	20643	1	$\sqrt{\frac{v^2-w+u^2w}{v^2}}$	P	CD	AB	P
24270	20643	2	$\sqrt{\frac{v^2-w+u^2w}{v^2}}$	H	CD	AB	H
24271	20644	1	$\sqrt{-\frac{v^2-w+u^2w}{v^2}}$	P	CD	AB	H
24272	20644	2	$\sqrt{-\frac{v^2-w+u^2w}{v^2}}$	H	CD	AB	P
24273	20645	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{v}$	P	CD	R	CD

24274	20646	1	$\frac{v}{\sqrt{1-u^2}w^2}$	P	CD	R	CDI
24275	20647	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}$	P	CD	R	CDF
24276	20647	2	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}$	P	CDF	R	CD
24277	20648	1	$\frac{v}{\sqrt{1-u^2}w^2\pi}$	P	CD	R	CDIF
24278	20648	2	$\frac{v}{\sqrt{1-u^2}w^2\pi}$	P	CDF	R	CDI
24279	20649	1	$-\frac{w^4(-1+u^2)}{v^2}$	P	CD	R	AB
24280	20650	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{v}}$	P	CD	R	R
24281	20651	1	$\frac{(1-u^2)^{3/2}w^6}{v^3}$	P	CD	R	K
24282	20652	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{v}}$	P	CD	R	E
24283	20653	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v}\right)$	P	CD	R	L
24284	20654	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v}\right)$	P	CD	R	S
24285	20655	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v}\right)$	P	CD	R	T
24286	20656	1	$\sqrt{\frac{v^2-w^4+u^2w^4}{v^2}}$	P	CD	R	P
24287	20656	2	$\sqrt{\frac{v^2-w^4+u^2w^4}{v^2}}$	H	CD	R	H
24288	20657	1	$\sqrt{-\frac{v^2-w^4+u^2w^4}{v^2}}$	P	CD	R	H

24289	20657	2	$\sqrt{-\frac{-v^2 - w^4 + u^2 w^4}{v^2}}$	H	CD	R	P
24290	20658	1	$\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}$	P	CD	K	CD
24291	20659	1	$\frac{v}{\sqrt{1 - u^2} \sqrt[3]{w}}$	P	CD	K	CDI
24292	20660	1	$\frac{\sqrt{1 - u^2} \sqrt[3]{w} \pi}{v}$	P	CD	K	CDF
24293	20660	2	$\frac{\sqrt{1 - u^2} \sqrt[3]{w} \pi}{v}$	P	CDF	K	CD
24294	20661	1	$\frac{v}{\sqrt{1 - u^2} \sqrt[3]{w} \pi}$	P	CD	K	CDIF
24295	20661	2	$\frac{v}{\sqrt{1 - u^2} \sqrt[3]{w} \pi}$	P	CDF	K	CDI
24296	20662	1	$-\frac{(-1 + u^2) w^{2/3}}{v^2}$	P	CD	K	AB
24297	20663	1	$\sqrt{\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}}$	P	CD	K	R
24298	20664	1	$\frac{(1 - u^2)^{3/2} w}{v^3}$	P	CD	K	K
24299	20665	1	$e^{\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}}$	P	CD	K	E
24300	20666	1	$\log\left(\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}\right)$	P	CD	K	L
24301	20667	1	$\arcsin\left(\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}\right)$	P	CD	K	S
24302	20668	1	$\arctan\left(\frac{\sqrt{1 - u^2} \sqrt[3]{w}}{v}\right)$	P	CD	K	T
24303	20669	1	$\sqrt{\frac{v^2 - w^{2/3} + u^2 w^{2/3}}{v^2}}$	P	CD	K	P

24304	20669	2	$\sqrt{\frac{v^2 - w^{2/3} + u^2 w^{2/3}}{v^2}}$	H	CD	K	H
24305	20670	1	$\sqrt{-\frac{-v^2 - w^{2/3} + u^2 w^{2/3}}{v^2}}$	P	CD	K	H
24306	20670	2	$\sqrt{-\frac{-v^2 - w^{2/3} + u^2 w^{2/3}}{v^2}}$	H	CD	K	P
24307	20671	1	$\frac{\sqrt{1-u^2} \ln(w)}{v}$	P	CD	E	CD
24308	20672	1	$\frac{v}{\sqrt{1-u^2} \ln(w)}$	P	CD	E	CDI
24309	20673	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{v}$	P	CD	E	CDF
24310	20673	2	$\frac{\sqrt{1-u^2} \ln(w) \pi}{v}$	P	CDF	E	CD
24311	20674	1	$\frac{v}{\sqrt{1-u^2} \ln(w) \pi}$	P	CD	E	CDIF
24312	20674	2	$\frac{v}{\sqrt{1-u^2} \ln(w) \pi}$	P	CDF	E	CDI
24313	20675	1	$-\frac{(\ln(w))^2 (-1+u^2)}{v^2}$	P	CD	E	AB
24314	20676	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{v}}$	P	CD	E	R
24315	20677	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{v^3}$	P	CD	E	K
24316	20678	1	$w^{\frac{\sqrt{1-u^2}}{v}}$	P	CD	E	E
24317	20679	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{v}\right)$	P	CD	E	L
24318	20680	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{v}\right)$	P	CD	E	S

24319	20681	1	$\arctan\left(\frac{\sqrt{1-u^2}\ln(w)}{v}\right)$	P	CD	E	T
24320	20682	1	$\sqrt{\frac{v^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^2}}$	P	CD	E	P
24321	20682	2	$\sqrt{\frac{v^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^2}}$	H	CD	E	H
24322	20683	1	$\sqrt{-\frac{-v^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^2}}$	P	CD	E	H
24323	20683	2	$\sqrt{-\frac{-v^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^2}}$	H	CD	E	P
24324	20684	1	$\frac{\sqrt{1-u^2}Exp(w)}{v}$	P	CD	L	CD
24325	20685	1	$\frac{v}{\sqrt{1-u^2}Exp(w)}$	P	CD	L	CDI
24326	20686	1	$\frac{\sqrt{1-u^2}Exp(w)\pi}{v}$	P	CD	L	CDF
24327	20686	2	$\frac{\sqrt{1-u^2}Exp(w)\pi}{v}$	P	CDF	L	CD
24328	20687	1	$\frac{v}{\sqrt{1-u^2}Exp(w)\pi}$	P	CD	L	CDIF
24329	20687	2	$\frac{v}{\sqrt{1-u^2}Exp(w)\pi}$	P	CDF	L	CDI
24330	20688	1	$-\frac{(Exp(w))^2(-1+u^2)}{v^2}$	P	CD	L	AB
24331	20689	1	$\sqrt{\frac{\sqrt{1-u^2}Exp(w)}{v}}$	P	CD	L	R
24332	20690	1	$\frac{(1-u^2)^{3/2}(Exp(w))^3}{v^3}$	P	CD	L	K
24333	20691	1	$e^{\frac{\sqrt{1-u^2}Exp(w)}{v}}$	P	CD	L	E

24334	20692	1	$\log \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{v} \right)$	P	CD	L	L
24335	20693	1	$\arcsin \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{v} \right)$	P	CD	L	S
24336	20694	1	$\arctan \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{v} \right)$	P	CD	L	T
24337	20695	1	$\sqrt{\frac{v^2 - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^2}}$	P	CD	L	P
24338	20695	2	$\sqrt{\frac{v^2 - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^2}}$	H	CD	L	H
24339	20696	1	$\sqrt{-\frac{-v^2 - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^2}}$	P	CD	L	H
24340	20696	2	$\sqrt{-\frac{-v^2 - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^2}}$	H	CD	L	P
24341	20697	1	$\frac{\sqrt{1-u^2} \sin(w)}{v}$	P	CD	S	CD
24342	20698	1	$\frac{v}{\sqrt{1-u^2} \sin(w)}$	P	CD	S	CDI
24343	20699	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{v}$	P	CD	S	CDF
24344	20699	2	$\frac{\sqrt{1-u^2} \sin(w) \pi}{v}$	P	CDF	S	CD
24345	20700	1	$\frac{v}{\sqrt{1-u^2} \sin(w) \pi}$	P	CD	S	CDIF
24346	20700	2	$\frac{v}{\sqrt{1-u^2} \sin(w) \pi}$	P	CDF	S	CDI
24347	20701	1	$-\frac{(\sin(w))^2 (-1+u^2)}{v^2}$	P	CD	S	AB
24348	20702	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{v}}$	P	CD	S	R

24349	20703	1	$\frac{(1-u^2)^{3/2}(\sin(w))^3}{v^3}$	P	CD	S	K
24350	20704	1	$e^{\frac{\sqrt{1-u^2}\sin(w)}{v}}$	P	CD	S	E
24351	20705	1	$\log\left(\frac{\sqrt{1-u^2}\sin(w)}{v}\right)$	P	CD	S	L
24352	20706	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sin(w)}{v}\right)$	P	CD	S	S
24353	20707	1	$\arctan\left(\frac{\sqrt{1-u^2}\sin(w)}{v}\right)$	P	CD	S	T
24354	20708	1	$\sqrt{-\frac{-v^2+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^2}}$	~~P~~	~~CD~~	S	P
24355	20708	2	$\sqrt{-\frac{-v^2+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^2}}$	~~H~~	~~CD~~	S	H
24356	20709	1	$\sqrt{\frac{v^2+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^2}}$	~~P~~	~~CD~~	S	H
24357	20709	2	$\sqrt{\frac{v^2+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^2}}$	~~H~~	~~CD~~	S	P
24358	20710	1	$\frac{\sqrt{1-u^2}\tan(w)}{v}$	P	CD	T	CD
24359	20711	1	$\frac{v}{\sqrt{1-u^2}\tan(w)}$	P	CD	T	CDI
24360	20712	1	$\frac{\sqrt{1-u^2}\tan(w)\pi}{v}$	P	CD	T	CDF
24361	20712	2	$\frac{\sqrt{1-u^2}\tan(w)\pi}{v}$	P	CDF	T	CD
24362	20713	1	$\frac{v}{\sqrt{1-u^2}\tan(w)\pi}$	P	CD	T	CDIF

24363	20713	2	$\frac{v}{\sqrt{1-u^2} \tan(w) \pi}$	P	CDF	T	CDI
24364	20714	1	$-\frac{(\tan(w))^2 (-1+u^2)}{v^2}$	P	CD	T	AB
24365	20715	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w)}{v}}$	P	CD	T	R
24366	20716	1	$\frac{(1-u^2)^{3/2} (\tan(w))^3}{v^3}$	P	CD	T	K
24367	20717	1	$e^{\frac{\sqrt{1-u^2} \tan(w)}{v}}$	P	CD	T	E
24368	20718	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w)}{v}\right)$	P	CD	T	L
24369	20719	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w)}{v}\right)$	P	CD	T	S
24370	20720	1	$\arctan\left(\frac{\sqrt{1-u^2} \tan(w)}{v}\right)$	P	CD	T	T
24371	20721	1	$\sqrt{\frac{v^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{v^2}}$	P	CD	T	P
24372	20721	2	$\sqrt{\frac{v^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{v^2}}$	H	CD	T	H
24373	20722	1	$\sqrt{-\frac{v^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{v^2}}$	P	CD	T	H
24374	20722	2	$\sqrt{-\frac{v^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{v^2}}$	H	CD	T	P
24375	20723	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2}}{v}$	P	CD	P	CD
24376	20724	1	$\frac{v}{\sqrt{1-u^2} \sqrt{1-w^2}}$	P	CD	P	CDI

24377	20725	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}$	P	CD	P	CDF
24378	20725	2	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}$	P	CDF	P	CD
24379	20726	1	$\frac{v}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	CD	P	CDIF
24380	20726	2	$\frac{v}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	CDF	P	CDI
24381	20727	1	$\frac{(-1+u^2)(-1+w^2)}{v^2}$	P	CD	P	AB
24382	20727	2	$\frac{(-1+u^2)(-1+w^2)}{v^2}$	H	CD	H	AB
24383	20728	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{v}}$	P	CD	P	R
24384	20729	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{v^3}$	P	CD	P	K
24385	20730	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{v}}$	P	CD	P	E
24386	20731	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{v}\right)$	P	CD	P	L
24387	20732	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{v}\right)$	P	CD	P	S
24388	20733	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{v}\right)$	P	CD	P	T
24389	20734	1	$\sqrt{-\frac{-v^2-w^2+1+u^2w^2-u^2}{v^2}}$	P	CD	P	P
24390	20734	2	$\sqrt{-\frac{-v^2-w^2+1+u^2w^2-u^2}{v^2}}$	P	CD	H	H
24391	20734	3	$\sqrt{-\frac{-v^2-w^2+1+u^2w^2-u^2}{v^2}}$	H	CD	P	H
24392	20734	4	$\sqrt{-\frac{-v^2-w^2+1+u^2w^2-u^2}{v^2}}$	H	CD	H	P

24393	20735	1	$\sqrt{\frac{v^2 - w^2 + 1 + u^2 w^2 - u^2}{v^2}}$	P	CD	P	H
24394	20735	2	$\sqrt{\frac{v^2 - w^2 + 1 + u^2 w^2 - u^2}{v^2}}$	P	CD	H	P
24395	20735	3	$\sqrt{\frac{v^2 - w^2 + 1 + u^2 w^2 - u^2}{v^2}}$	H	CD	P	P
24396	20735	4	$\sqrt{\frac{v^2 - w^2 + 1 + u^2 w^2 - u^2}{v^2}}$	H	CD	H	H
24397	20736	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}$	P	CD	H	CD
24398	20737	1	$\frac{v}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	CD	H	CDI
24399	20738	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}$	P	CD	H	CDF
24400	20738	2	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}$	P	CDF	H	CD
24401	20739	1	$\frac{v}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	CD	H	CDIF
24402	20739	2	$\frac{v}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	CDF	H	CDI
24403	20740	1	$-\frac{(-1+u^2)(-1+w^2)}{v^2}$	P	CD	H	AB
24404	20740	2	$-\frac{(-1+u^2)(-1+w^2)}{v^2}$	H	CD	P	AB
24405	20741	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}}$	P	CD	H	R
24406	20742	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{v^3}$	P	CD	H	K
24407	20743	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}}$	P	CD	H	E
24408	20744	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}\right)$	P	CD	H	L

24409	20745	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}\right)$	P	CD	H	S
24410	20746	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{v}\right)$	P	CD	H	T
24411	20747	1	$\sqrt{1-u^2}vw$	P	CDI	CD	CD
24412	20748	1	$\frac{1}{\sqrt{1-u^2}vw}$	P	CDI	CD	CDI
24413	20748	2	$\frac{1}{\sqrt{1-u^2}vw}$	P	CDI	CDF	CDIF
24414	20748	3	$\frac{1}{\sqrt{1-u^2}vw}$	P	CDIF	CDF	CDI
24415	20749	1	$\sqrt{1-u^2}vw\pi$	P	CDI	CD	CDF
24416	20749	2	$\sqrt{1-u^2}vw\pi$	P	CDIF	CD	CD
24417	20749	3	$\sqrt{1-u^2}vw\pi$	P	CDIF	CDF	CDF
24418	20750	1	$\frac{1}{\sqrt{1-u^2}vw\pi}$	P	CDI	CD	CDIF
24419	20750	2	$\frac{1}{\sqrt{1-u^2}vw\pi}$	P	CDIF	CD	CDI
24420	20750	3	$\frac{1}{\sqrt{1-u^2}vw\pi}$	P	CDIF	CDF	CDIF
24421	20751	1	$-v^2w^2(-1+u^2)$	P	CDI	CD	AB
24422	20751	2	$-v^2w^2(-1+u^2)$	P	CDIF	CDF	AB
24423	20752	1	$\sqrt{\sqrt{1-u^2}vw}$	P	CDI	CD	R
24424	20753	1	$(1-u^2)^{3/2}v^3w^3$	P	CDI	CD	K
24425	20753	2	$(1-u^2)^{3/2}v^3w^3$	P	CDIF	CDF	K
24426	20754	1	$e^{\sqrt{1-u^2}vw}$	P	CDI	CD	E

24427	20755	1	$\log \left(\sqrt{1 - u^2 v w} \right)$	P	CDI	CD	L
24428	20756	1	$\arcsin \left(\sqrt{1 - u^2 v w} \right)$	P	CDI	CD	S
24429	20757	1	$\arctan \left(\sqrt{1 - u^2 v w} \right)$	P	CDI	CD	T
24430	20758	1	$\sqrt{1 - v^2 w^2 + u^2 v^2 w^2}$	P	CDI	CD	P
24431	20758	2	$\sqrt{1 - v^2 w^2 + u^2 v^2 w^2}$	P	CDIF	CDF	P
24432	20758	3	$\sqrt{1 - v^2 w^2 + u^2 v^2 w^2}$	H	CDI	CD	H
24433	20758	4	$\sqrt{1 - v^2 w^2 + u^2 v^2 w^2}$	H	CDIF	CDF	H
24434	20759	1	$\sqrt{1 + v^2 w^2 - u^2 v^2 w^2}$	P	CDI	CD	H
24435	20759	2	$\sqrt{1 + v^2 w^2 - u^2 v^2 w^2}$	P	CDIF	CDF	H
24436	20759	3	$\sqrt{1 + v^2 w^2 - u^2 v^2 w^2}$	H	CDI	CD	P
24437	20759	4	$\sqrt{1 + v^2 w^2 - u^2 v^2 w^2}$	H	CDIF	CDF	P
24438	20760	1	$\frac{\sqrt{1 - u^2} v}{w}$	P	CDI	CDI	CD
24439	20760	2	$\frac{\sqrt{1 - u^2} v}{w}$	P	CDI	CDIF	CDF
24440	20760	3	$\frac{\sqrt{1 - u^2} v}{w}$	P	CDIF	CDIF	CD
24441	20761	1	$\frac{w}{\sqrt{1 - u^2} v}$	P	CDI	CDI	CDI
24442	20761	2	$\frac{w}{\sqrt{1 - u^2} v}$	P	CDI	CDIF	CDIF
24443	20761	3	$\frac{w}{\sqrt{1 - u^2} v}$	P	CDIF	CDIF	CDI
24444	20762	1	$\frac{\sqrt{1 - u^2} v \pi}{w}$	P	CDI	CDI	CDF
24445	20762	2	$\frac{\sqrt{1 - u^2} v \pi}{w}$	P	CDIF	CDI	CD
24446	20762	3	$\frac{\sqrt{1 - u^2} v \pi}{w}$	P	CDIF	CDIF	CDF
24447	20763	1	$\frac{w}{\sqrt{1 - u^2} v \pi}$	P	CDI	CDI	CDIF

24448	20763	2	$\frac{w}{\sqrt{1-u^2v\pi}}$	P	CDIF	CDI	CDI
24449	20763	3	$\frac{w}{\sqrt{1-u^2v\pi}}$	P	CDIF	CDIF	CDIF
24450	20764	1	$-\frac{v^2(-1+u^2)}{w^2}$	P	CDI	CDI	AB
24451	20764	2	$-\frac{v^2(-1+u^2)}{w^2}$	P	CDIF	CDIF	AB
24452	20765	1	$\sqrt{\frac{\sqrt{1-u^2v}}{w}}$	P	CDI	CDI	R
24453	20765	2	$\sqrt{\frac{\sqrt{1-u^2v}}{w}}$	P	CDIF	CDIF	R
24454	20766	1	$\frac{(1-u^2)^{3/2}v^3}{w^3}$	P	CDI	CDI	K
24455	20766	2	$\frac{(1-u^2)^{3/2}v^3}{w^3}$	P	CDIF	CDIF	K
24456	20767	1	$e^{\frac{\sqrt{1-u^2}v}{w}}$	P	CDI	CDI	E
24457	20767	2	$e^{\frac{\sqrt{1-u^2}v}{w}}$	P	CDIF	CDIF	E
24458	20768	1	$\log\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDI	CDI	L
24459	20768	2	$\log\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDIF	CDIF	L
24460	20769	1	$\arcsin\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDI	CDI	S
24461	20769	2	$\arcsin\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDIF	CDIF	S
24462	20770	1	$\arctan\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDI	CDI	T
24463	20770	2	$\arctan\left(\frac{\sqrt{1-u^2v}}{w}\right)$	P	CDIF	CDIF	T

24464	20771	1	$\sqrt{\frac{w^2 - v^2 + u^2 v^2}{w^2}}$	P	CDI	CDI	P
24465	20771	2	$\sqrt{\frac{w^2 - v^2 + u^2 v^2}{w^2}}$	P	CDIF	CDIF	P
24466	20771	3	$\sqrt{\frac{w^2 - v^2 + u^2 v^2}{w^2}}$	H	CDI	CDI	H
24467	20771	4	$\sqrt{\frac{w^2 - v^2 + u^2 v^2}{w^2}}$	H	CDIF	CDIF	H
24468	20772	1	$\sqrt{-\frac{-w^2 - v^2 + u^2 v^2}{w^2}}$	P	CDI	CDI	H
24469	20772	2	$\sqrt{-\frac{-w^2 - v^2 + u^2 v^2}{w^2}}$	P	CDIF	CDIF	H
24470	20772	3	$\sqrt{-\frac{-w^2 - v^2 + u^2 v^2}{w^2}}$	H	CDI	CDI	P
24471	20772	4	$\sqrt{-\frac{-w^2 - v^2 + u^2 v^2}{w^2}}$	H	CDIF	CDIF	P
24472	20773	1	$\frac{\sqrt{1 - u^2} v w}{\pi}$	P	CDI	CDF	CD
24473	20774	1	$\frac{\pi}{\sqrt{1 - u^2} v w}$	P	CDI	CDF	CDI
24474	20775	1	$\sqrt{-(u-1)(u+1)} v w$	P	CDI	CDF	CDF
24475	20775	2	$\sqrt{-(u-1)(u+1)} v w$	P	CDIF	CDF	CD
24476	20776	1	$-\frac{v^2 w^2 (-1 + u^2)}{\pi^2}$	P	CDI	CDF	AB
24477	20777	1	$\sqrt{\frac{\sqrt{1 - u^2} v w}{\pi}}$	P	CDI	CDF	R
24478	20778	1	$\frac{(1 - u^2)^{3/2} v^3 w^3}{\pi^3}$	P	CDI	CDF	K
24479	20779	1	$e^{\frac{\sqrt{1 - u^2} v w}{\pi}}$	P	CDI	CDF	E

24480	20780	1	$\log\left(\frac{\sqrt{1-u^2}vw}{\pi}\right)$	P	CDI	CDF	L
24481	20781	1	$\arcsin\left(\frac{\sqrt{1-u^2}vw}{\pi}\right)$	P	CDI	CDF	S
24482	20782	1	$\arctan\left(\frac{\sqrt{1-u^2}vw}{\pi}\right)$	P	CDI	CDF	T
24483	20783	1	$\sqrt{\frac{\pi^2 - v^2w^2 + u^2v^2w^2}{\pi^2}}$	P	CDI	CDF	P
24484	20783	2	$\sqrt{\frac{\pi^2 - v^2w^2 + u^2v^2w^2}{\pi^2}}$	H	CDI	CDF	H
24485	20784	1	$\sqrt{-\frac{-\pi^2 - v^2w^2 + u^2v^2w^2}{\pi^2}}$	P	CDI	CDF	H
24486	20784	2	$\sqrt{-\frac{-\pi^2 - v^2w^2 + u^2v^2w^2}{\pi^2}}$	H	CDI	CDF	P
24487	20785	1	$\frac{\sqrt{1-u^2}v}{w\pi}$	P	CDI	CDIF	CD
24488	20786	1	$\frac{w\pi}{\sqrt{1-u^2}v}$	P	CDI	CDIF	CDI
24489	20787	1	$-\frac{v^2(-1+u^2)}{w^2\pi^2}$	P	CDI	CDIF	AB
24490	20788	1	$\sqrt{\frac{\sqrt{1-u^2}v}{w\pi}}$	P	CDI	CDIF	R
24491	20789	1	$\frac{(1-u^2)^{3/2}v^3}{w^3\pi^3}$	P	CDI	CDIF	K
24492	20790	1	$e^{\frac{\sqrt{1-u^2}v}{w\pi}}$	P	CDI	CDIF	E
24493	20791	1	$\log\left(\frac{\sqrt{1-u^2}v}{w\pi}\right)$	P	CDI	CDIF	L

24494	20792	1	$\arcsin\left(\frac{\sqrt{1-u^2v}}{w\pi}\right)$	P	CDI	CDIF	S
24495	20793	1	$\arctan\left(\frac{\sqrt{1-u^2v}}{w\pi}\right)$	P	CDI	CDIF	T
24496	20794	1	$\sqrt{\frac{w^2\pi^2 - v^2 + u^2v^2}{w^2\pi^2}}$	P	CDI	CDIF	P
24497	20794	2	$\sqrt{\frac{w^2\pi^2 - v^2 + u^2v^2}{w^2\pi^2}}$	H	CDI	CDIF	H
24498	20795	1	$\sqrt{-\frac{w^2\pi^2 - v^2 + u^2v^2}{w^2\pi^2}}$	P	CDI	CDIF	H
24499	20795	2	$\sqrt{-\frac{w^2\pi^2 - v^2 + u^2v^2}{w^2\pi^2}}$	H	CDI	CDIF	P
24500	20796	1	$\sqrt{1-u^2v}\sqrt{w}$	P	CDI	AB	CD
24501	20797	1	$\frac{1}{\sqrt{1-u^2v}\sqrt{w}}$	P	CDI	AB	CDI
24502	20798	1	$\sqrt{1-u^2v}\sqrt{w}\pi$	P	CDI	AB	CDF
24503	20798	2	$\sqrt{1-u^2v}\sqrt{w}\pi$	P	CDIF	AB	CD
24504	20799	1	$\frac{1}{\sqrt{1-u^2v}\sqrt{w}\pi}$	P	CDI	AB	CDIF
24505	20799	2	$\frac{1}{\sqrt{1-u^2v}\sqrt{w}\pi}$	P	CDIF	AB	CDI
24506	20800	1	$-v^2w(-1+u^2)$	P	CDI	AB	AB
24507	20801	1	$\sqrt{\sqrt{1-u^2v}\sqrt{w}}$	P	CDI	AB	R
24508	20802	1	$(1-u^2)^{3/2}v^3w^{3/2}$	P	CDI	AB	K
24509	20803	1	$e^{\sqrt{1-u^2v}\sqrt{w}}$	P	CDI	AB	E

24510	20804	1	$\log \left(\sqrt{1-u^2} v \sqrt{w} \right)$	P	CDI	AB	L
24511	20805	1	$\arcsin \left(\sqrt{1-u^2} v \sqrt{w} \right)$	P	CDI	AB	S
24512	20806	1	$\arctan \left(\sqrt{1-u^2} v \sqrt{w} \right)$	P	CDI	AB	T
24513	20807	1	$\sqrt{1-v^2 w+u^2 v^2 w}$	P	CDI	AB	P
24514	20807	2	$\sqrt{1-v^2 w+u^2 v^2 w}$	H	CDI	AB	H
24515	20808	1	$\sqrt{1+v^2 w-u^2 v^2 w}$	P	CDI	AB	H
24516	20808	2	$\sqrt{1+v^2 w-u^2 v^2 w}$	H	CDI	AB	P
24517	20809	1	$\sqrt{-(u-1)(u+1)} v w^2$	P	CDI	R	CD
24518	20810	1	$\frac{1}{\sqrt{1-u^2} v w^2}$	P	CDI	R	CDI
24519	20811	1	$\sqrt{-(u-1)(u+1)} v w^2 \pi$	P	CDI	R	CDF
24520	20811	2	$\sqrt{-(u-1)(u+1)} v w^2 \pi$	P	CDIF	R	CD
24521	20812	1	$\frac{1}{\sqrt{1-u^2} v w^2 \pi}$	P	CDI	R	CDIF
24522	20812	2	$\frac{1}{\sqrt{1-u^2} v w^2 \pi}$	P	CDIF	R	CDI
24523	20813	1	$-v^2 w^4 (-1+u^2)$	P	CDI	R	AB
24524	20814	1	$\sqrt{\sqrt{-(u-1)(u+1)} v w^2}$	P	CDI	R	R
24525	20815	1	$(1-u^2)^{3/2} v^3 w^6$	P	CDI	R	K
24526	20816	1	$e^{\sqrt{-(u-1)(u+1)} v w^2}$	P	CDI	R	E
24527	20817	1	$\log \left(\sqrt{-(u-1)(u+1)} v w^2 \right)$	P	CDI	R	L

24528	20818	1	$\arcsin\left(\sqrt{-(u-1)(u+1)}vw^2\right)$	P	CDI	R	S
24529	20819	1	$\arctan\left(\sqrt{-(u-1)(u+1)}vw^2\right)$	P	CDI	R	T
24530	20820	1	$\sqrt{1-v^2w^4+u^2v^2w^4}$	P	CDI	R	P
24531	20820	2	$\sqrt{1-v^2w^4+u^2v^2w^4}$	H	CDI	R	H
24532	20821	1	$\sqrt{1+v^2w^4-u^2v^2w^4}$	P	CDI	R	H
24533	20821	2	$\sqrt{1+v^2w^4-u^2v^2w^4}$	H	CDI	R	P
24534	20822	1	$\sqrt{1-u^2v}\sqrt[3]{w}$	P	CDI	K	CD
24535	20823	1	$\frac{1}{\sqrt{1-u^2v}\sqrt[3]{w}}$	P	CDI	K	CDI
24536	20824	1	$\sqrt{1-u^2v}\sqrt[3]{w}\pi$	P	CDI	K	CDF
24537	20824	2	$\sqrt{1-u^2v}\sqrt[3]{w}\pi$	P	CDIF	K	CD
24538	20825	1	$\frac{1}{\sqrt{1-u^2v}\sqrt[3]{w}\pi}$	P	CDI	K	CDIF
24539	20825	2	$\frac{1}{\sqrt{1-u^2v}\sqrt[3]{w}\pi}$	P	CDIF	K	CDI
24540	20826	1	$-(-1+u^2)v^2w^{2/3}$	P	CDI	K	AB
24541	20827	1	$\sqrt{\sqrt{1-u^2v}\sqrt[3]{w}}$	P	CDI	K	R
24542	20828	1	$(1-u^2)^{3/2}v^3w$	P	CDI	K	K
24543	20829	1	$e^{\sqrt{1-u^2v}\sqrt[3]{w}}$	P	CDI	K	E
24544	20830	1	$\log\left(\sqrt{1-u^2v}\sqrt[3]{w}\right)$	P	CDI	K	L
24545	20831	1	$\arcsin\left(\sqrt{1-u^2v}\sqrt[3]{w}\right)$	P	CDI	K	S

24546	20832	1	$\arctan\left(\sqrt{1-u^2}v\sqrt[3]{w}\right)$	P	CDI	K	T
24547	20833	1	$\sqrt{1-v^2w^{2/3}+u^2v^2w^{2/3}}$	P	CDI	K	P
24548	20833	2	$\sqrt{1-v^2w^{2/3}+u^2v^2w^{2/3}}$	H	CDI	K	H
24549	20834	1	$\sqrt{1+v^2w^{2/3}-u^2v^2w^{2/3}}$	P	CDI	K	H
24550	20834	2	$\sqrt{1+v^2w^{2/3}-u^2v^2w^{2/3}}$	H	CDI	K	P
24551	20835	1	$\sqrt{1-u^2}v\ln(w)$	P	CDI	E	CD
24552	20836	1	$\frac{1}{\sqrt{1-u^2}v\ln(w)}$	P	CDI	E	CDI
24553	20837	1	$\sqrt{1-u^2}v\ln(w)\pi$	P	CDI	E	CDF
24554	20837	2	$\sqrt{1-u^2}v\ln(w)\pi$	P	CDIF	E	CD
24555	20838	1	$\frac{1}{\sqrt{1-u^2}v\ln(w)\pi}$	P	CDI	E	CDIF
24556	20838	2	$\frac{1}{\sqrt{1-u^2}v\ln(w)\pi}$	P	CDIF	E	CDI
24557	20839	1	$-v^2(\ln(w))^2(-1+u^2)$	P	CDI	E	AB
24558	20840	1	$\sqrt{\sqrt{1-u^2}v\ln(w)}$	P	CDI	E	R
24559	20841	1	$(1-u^2)^{3/2}v^3(\ln(w))^3$	P	CDI	E	K
24560	20842	1	$w^{\sqrt{1-u^2}v}$	P	CDI	E	E
24561	20843	1	$\log\left(\sqrt{1-u^2}v\ln(w)\right)$	P	CDI	E	L
24562	20844	1	$\arcsin\left(\sqrt{1-u^2}v\ln(w)\right)$	P	CDI	E	S
24563	20845	1	$\arctan\left(\sqrt{1-u^2}v\ln(w)\right)$	P	CDI	E	T

24564	20846	1	$\sqrt{1 - v^2 (\ln(w))^2 + u^2 v^2 (\ln(w))^2}$	P	CDI	E	P
24565	20846	2	$\sqrt{1 - v^2 (\ln(w))^2 + u^2 v^2 (\ln(w))^2}$	H	CDI	E	H
24566	20847	1	$\sqrt{1 + v^2 (\ln(w))^2 - u^2 v^2 (\ln(w))^2}$	P	CDI	E	H
24567	20847	2	$\sqrt{1 + v^2 (\ln(w))^2 - u^2 v^2 (\ln(w))^2}$	H	CDI	E	P
24568	20848	1	$\sqrt{1 - u^2 v} \text{Exp}(w)$	P	CDI	L	CD
24569	20849	1	$\frac{1}{\sqrt{1 - u^2 v} \text{Exp}(w)}$	P	CDI	L	CDI
24570	20850	1	$\sqrt{1 - u^2 v} \text{Exp}(w) \pi$	P	CDI	L	CDF
24571	20850	2	$\sqrt{1 - u^2 v} \text{Exp}(w) \pi$	P	CDIF	L	CD
24572	20851	1	$\frac{1}{\sqrt{1 - u^2 v} \text{Exp}(w) \pi}$	P	CDI	L	CDIF
24573	20851	2	$\frac{1}{\sqrt{1 - u^2 v} \text{Exp}(w) \pi}$	P	CDIF	L	CDI
24574	20852	1	$-v^2 (\text{Exp}(w))^2 (-1 + u^2)$	P	CDI	L	AB
24575	20853	1	$\sqrt{\sqrt{1 - u^2 v} \text{Exp}(w)}$	P	CDI	L	R
24576	20854	1	$(1 - u^2)^{3/2} v^3 (\text{Exp}(w))^3$	P	CDI	L	K
24577	20855	1	$e^{\sqrt{1 - u^2 v} \text{Exp}(w)}$	P	CDI	L	E
24578	20856	1	$\log \left(\sqrt{1 - u^2 v} \text{Exp}(w) \right)$	P	CDI	L	L
24579	20857	1	$\arcsin \left(\sqrt{1 - u^2 v} \text{Exp}(w) \right)$	P	CDI	L	S
24580	20858	1	$\arctan \left(\sqrt{1 - u^2 v} \text{Exp}(w) \right)$	P	CDI	L	T
24581	20859	1	$\sqrt{1 - v^2 (\text{Exp}(w))^2 + u^2 v^2 (\text{Exp}(\mathbb{B}))^2}$		CDI	L	P

24582	20859	2	$\sqrt{1 - v^2 (Exp(w))^2 + u^2 v^2 (Exp(\mathbf{H}))^2}$	CDI	L	H
24583	20860	1	$\sqrt{1 + v^2 (Exp(w))^2 - u^2 v^2 (Exp(\mathbf{B}))^2}$	CDI	L	H
24584	20860	2	$\sqrt{1 + v^2 (Exp(w))^2 - u^2 v^2 (Exp(\mathbf{H}))^2}$	CDI	L	P
24585	20861	1	$\sqrt{1 - u^2} v \sin(w)$	P	CDI	S CD
24586	20862	1	$\frac{1}{\sqrt{1 - u^2} v \sin(w)}$	P	CDI	S CDI
24587	20863	1	$\sqrt{1 - u^2} v \sin(w) \pi$	P	CDI	S CDF
24588	20863	2	$\sqrt{1 - u^2} v \sin(w) \pi$	P	CDIF	S CD
24589	20864	1	$\frac{1}{\sqrt{1 - u^2} v \sin(w) \pi}$	P	CDI	S CDIF
24590	20864	2	$\frac{1}{\sqrt{1 - u^2} v \sin(w) \pi}$	P	CDIF	S CDI
24591	20865	1	$-v^2 (\sin(w))^2 (-1 + u^2)$	P	CDI	S AB
24592	20866	1	$\sqrt{\sqrt{1 - u^2} v \sin(w)}$	P	CDI	S R
24593	20867	1	$(1 - u^2)^{3/2} v^3 (\sin(w))^3$	P	CDI	S K
24594	20868	1	$e^{\sqrt{1 - u^2} v \sin(w)}$	P	CDI	S E
24595	20869	1	$\log(\sqrt{1 - u^2} v \sin(w))$	P	CDI	S L
24596	20870	1	$\arcsin(\sqrt{1 - u^2} v \sin(w))$	P	CDI	S S
24597	20871	1	$\arctan(\sqrt{1 - u^2} v \sin(w))$	P	CDI	S T
24598	20872	1	$\sqrt{1 - v^2 + u^2 v^2 + v^2 (\cos(w))^2 - \mathbf{H}^2 v^2 (\cos(w))^2}$	CDI	S	P
24599	20872	2	$\sqrt{1 - v^2 + u^2 v^2 + v^2 (\cos(w))^2 - \mathbf{H}^2 v^2 (\cos(w))^2}$	CDI	S	H

24600	20873	1	$\sqrt{1 + v^2 - u^2 v^2 - v^2 (\cos(w))^2 + \mathbb{H}^2 v^2 (\cos(w))^2}$	P	CDI	T	H
24601	20873	2	$\sqrt{1 + v^2 - u^2 v^2 - v^2 (\cos(w))^2 + \mathbb{H}^2 v^2 (\cos(w))^2}$	P	CDI	T	P
24602	20874	1	$\sqrt{1 - u^2 v \tan(w)}$	P	CDI	T	CD
24603	20875	1	$\frac{1}{\sqrt{1 - u^2 v \tan(w)}}$	P	CDI	T	CDI
24604	20876	1	$\sqrt{1 - u^2 v \tan(w)} \pi$	P	CDI	T	CDF
24605	20876	2	$\sqrt{1 - u^2 v \tan(w)} \pi$	P	CDIF	T	CD
24606	20877	1	$\frac{1}{\sqrt{1 - u^2 v \tan(w)} \pi}$	P	CDI	T	CDIF
24607	20877	2	$\frac{1}{\sqrt{1 - u^2 v \tan(w)} \pi}$	P	CDIF	T	CDI
24608	20878	1	$-v^2 (\tan(w))^2 (-1 + u^2)$	P	CDI	T	AB
24609	20879	1	$\sqrt{\sqrt{1 - u^2 v \tan(w)}}$	P	CDI	T	R
24610	20880	1	$(1 - u^2)^{3/2} v^3 (\tan(w))^3$	P	CDI	T	K
24611	20881	1	$e^{\sqrt{1 - u^2 v \tan(w)}}$	P	CDI	T	E
24612	20882	1	$\log(\sqrt{1 - u^2 v \tan(w)})$	P	CDI	T	L
24613	20883	1	$\arcsin(\sqrt{1 - u^2 v \tan(w)})$	P	CDI	T	S
24614	20884	1	$\arctan(\sqrt{1 - u^2 v \tan(w)})$	P	CDI	T	T
24615	20885	1	$\sqrt{1 - v^2 (\tan(w))^2 + u^2 v^2 (\tan(w))^2}$		CDI	T	P
24616	20885	2	$\sqrt{1 - v^2 (\tan(w))^2 + u^2 v^2 (\tan(w))^2}$		CDI	T	H

24617	20886	1	$\sqrt{1 + v^2 (\tan(w))^2 - u^2 v^2 (\tan(w)\mathbb{P})^2}$	CDI	T	H
24618	20886	2	$\sqrt{1 + v^2 (\tan(w))^2 - u^2 v^2 (\tan(w)\mathbb{H})^2}$	CDI	T	P
24619	20887	1	$\sqrt{1 - u^2 v} \sqrt{1 - w^2}$	P	CDI	P CD
24620	20888	1	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{1 - w^2}}$	P	CDI	P CDI
24621	20889	1	$\sqrt{1 - u^2 v} \sqrt{1 - w^2} \pi$	P	CDI	P CDF
24622	20889	2	$\sqrt{1 - u^2 v} \sqrt{1 - w^2} \pi$	P	CDIF	P CD
24623	20890	1	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{1 - w^2} \pi}$	P	CDI	P CDIF
24624	20890	2	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{1 - w^2} \pi}$	P	CDIF	P CDI
24625	20891	1	$v^2 (-1 + u^2) (-1 + w^2)$	P	CDI	P AB
24626	20891	2	$v^2 (-1 + u^2) (-1 + w^2)$	H	CDI	H AB
24627	20892	1	$\sqrt{\sqrt{1 - u^2 v} \sqrt{1 - w^2}}$	P	CDI	P R
24628	20893	1	$(1 - u^2)^{3/2} v^3 (1 - w^2)^{3/2}$	P	CDI	P K
24629	20894	1	$e^{\sqrt{1 - u^2 v} \sqrt{1 - w^2}}$	P	CDI	P E
24630	20895	1	$\log \left(\sqrt{1 - u^2 v} \sqrt{1 - w^2} \right)$	P	CDI	P L
24631	20896	1	$\arcsin \left(\sqrt{1 - u^2 v} \sqrt{1 - w^2} \right)$	P	CDI	P S
24632	20897	1	$\arctan \left(\sqrt{1 - u^2 v} \sqrt{1 - w^2} \right)$	P	CDI	P T
24633	20898	1	$\sqrt{1 + v^2 w^2 - v^2 - u^2 v^2 w^2 + u^2 v^2} \mathbb{P}$	CDI	P	P
24634	20898	2	$\sqrt{1 + v^2 w^2 - v^2 - u^2 v^2 w^2 + u^2 v^2} \mathbb{P}$	CDI	H	H
24635	20898	3	$\sqrt{1 + v^2 w^2 - v^2 - u^2 v^2 w^2 + u^2 v^2} \mathbb{H}$	CDI	P	H

24636	20898	4	$\sqrt{1 + v^2 w^2 - v^2 - u^2 v^2 w^2 + u^2 v^2}$	H	CDI	H	P
24637	20899	1	$\sqrt{1 - v^2 w^2 + v^2 + u^2 v^2 w^2 - u^2 v^2}$	P	CDI	P	H
24638	20899	2	$\sqrt{1 - v^2 w^2 + v^2 + u^2 v^2 w^2 - u^2 v^2}$	P	CDI	H	P
24639	20899	3	$\sqrt{1 - v^2 w^2 + v^2 + u^2 v^2 w^2 - u^2 v^2}$	H	CDI	P	P
24640	20899	4	$\sqrt{1 - v^2 w^2 + v^2 + u^2 v^2 w^2 - u^2 v^2}$	H	CDI	H	H
24641	20900	1	$\sqrt{1 - u^2 v} \sqrt{-1 + w^2}$	P	CDI	H	CD
24642	20901	1	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{-1 + w^2}}$	P	CDI	H	CDI
24643	20902	1	$\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \pi$	P	CDI	H	CDF
24644	20902	2	$\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \pi$	P	CDIF	H	CD
24645	20903	1	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \pi}$	P	CDI	H	CDIF
24646	20903	2	$\frac{1}{\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \pi}$	P	CDIF	H	CDI
24647	20904	1	$-v^2 (-1 + u^2) (-1 + w^2)$	P	CDI	H	AB
24648	20904	2	$-v^2 (-1 + u^2) (-1 + w^2)$	H	CDI	P	AB
24649	20905	1	$\sqrt{\sqrt{1 - u^2 v} \sqrt{-1 + w^2}}$	P	CDI	H	R
24650	20906	1	$(1 - u^2)^{3/2} v^3 (-1 + w^2)^{3/2}$	P	CDI	H	K
24651	20907	1	$e^{\sqrt{1 - u^2 v} \sqrt{-1 + w^2}}$	P	CDI	H	E
24652	20908	1	$\log \left(\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \right)$	P	CDI	H	L
24653	20909	1	$\arcsin \left(\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \right)$	P	CDI	H	S
24654	20910	1	$\arctan \left(\sqrt{1 - u^2 v} \sqrt{-1 + w^2} \right)$	P	CDI	H	T

24655	20911	1	$\frac{\sqrt{1-u^2}w\pi^2}{v}$	P	CDF	CD	CDF
24656	20912	1	$\frac{v}{\sqrt{1-u^2}w\pi^2}$	P	CDF	CD	CDIF
24657	20913	1	$-\frac{w^2\pi^2(-1+u^2)}{v^2}$	P	CDF	CD	AB
24658	20914	1	$\sqrt{\frac{\sqrt{1-u^2}w\pi}{v}}$	P	CDF	CD	R
24659	20915	1	$\frac{(1-u^2)^{3/2}\pi^3w^3}{v^3}$	P	CDF	CD	K
24660	20916	1	$e^{\frac{\sqrt{1-u^2}w\pi}{v}}$	P	CDF	CD	E
24661	20917	1	$\log\left(\frac{\sqrt{1-u^2}w\pi}{v}\right)$	P	CDF	CD	L
24662	20918	1	$\arcsin\left(\frac{\sqrt{1-u^2}w\pi}{v}\right)$	P	CDF	CD	S
24663	20919	1	$\arctan\left(\frac{\sqrt{1-u^2}w\pi}{v}\right)$	P	CDF	CD	T
24664	20920	1	$\sqrt{\frac{v^2-w^2\pi^2+u^2w^2\pi^2}{v^2}}$	P	CDF	CD	P
24665	20920	2	$\sqrt{\frac{v^2-w^2\pi^2+u^2w^2\pi^2}{v^2}}$	H	CDF	CD	H
24666	20921	1	$\sqrt{-\frac{-v^2-w^2\pi^2+u^2w^2\pi^2}{v^2}}$	P	CDF	CD	H
24667	20921	2	$\sqrt{-\frac{-v^2-w^2\pi^2+u^2w^2\pi^2}{v^2}}$	H	CDF	CD	P
24668	20922	1	$\frac{\sqrt{1-u^2}\pi^2}{vw}$	P	CDF	CDI	CDF
24669	20923	1	$\frac{vw}{\sqrt{1-u^2}\pi^2}$	P	CDF	CDI	CDIF

24670	20924	1	$-\frac{\pi^2(-1+u^2)}{v^2w^2}$	P	CDF	CDI	AB
24671	20925	1	$\sqrt{\frac{\sqrt{1-u^2}\pi}{vw}}$	P	CDF	CDI	R
24672	20926	1	$\frac{(1-u^2)^{3/2}\pi^3}{v^3w^3}$	P	CDF	CDI	K
24673	20927	1	$e^{\frac{\sqrt{1-u^2}\pi}{vw}}$	P	CDF	CDI	E
24674	20928	1	$\log\left(\frac{\sqrt{1-u^2}\pi}{vw}\right)$	P	CDF	CDI	L
24675	20929	1	$\arcsin\left(\frac{\sqrt{1-u^2}\pi}{vw}\right)$	P	CDF	CDI	S
24676	20930	1	$\arctan\left(\frac{\sqrt{1-u^2}\pi}{vw}\right)$	P	CDF	CDI	T
24677	20931	1	$\sqrt{\frac{v^2w^2-\pi^2+u^2\pi^2}{v^2w^2}}$	P	CDF	CDI	P
24678	20931	2	$\sqrt{\frac{v^2w^2-\pi^2+u^2\pi^2}{v^2w^2}}$	H	CDF	CDI	H
24679	20932	1	$\sqrt{-\frac{v^2w^2-\pi^2+u^2\pi^2}{v^2w^2}}$	P	CDF	CDI	H
24680	20932	2	$\sqrt{-\frac{v^2w^2-\pi^2+u^2\pi^2}{v^2w^2}}$	H	CDF	CDI	P
24681	20933	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w}{v}}$	P	CDF	CDF	R
24682	20934	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w}{v}}$	P	CDF	CDF	E
24683	20935	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w}{v}\right)$	P	CDF	CDF	L

24684	20936	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)w}}{v}\right)$	P	CDF	CDF	S
24685	20937	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)w}}{v}\right)$	P	CDF	CDF	T
24686	20938	1	$\frac{\sqrt{-(u-1)(u+1)\pi}}{vw}$	P	CDF	CDIF	CDF
24687	20939	1	$\frac{\sqrt{1-u^2}\sqrt{w\pi^2}}{v}$	P	CDF	AB	CDF
24688	20940	1	$\frac{v}{\sqrt{1-u^2}\sqrt{w\pi^2}}$	P	CDF	AB	CDIF
24689	20941	1	$-\frac{w\pi^2(-1+u^2)}{v^2}$	P	CDF	AB	AB
24690	20942	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w\pi}}{v}}$	P	CDF	AB	R
24691	20943	1	$\frac{(1-u^2)^{3/2}\pi^3w^{3/2}}{v^3}$	P	CDF	AB	K
24692	20944	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w\pi}}{v}}$	P	CDF	AB	E
24693	20945	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w\pi}}{v}\right)$	P	CDF	AB	L
24694	20946	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w\pi}}{v}\right)$	P	CDF	AB	S
24695	20947	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w\pi}}{v}\right)$	P	CDF	AB	T
24696	20948	1	$\sqrt{\frac{v^2-w\pi^2+u^2w\pi^2}{v^2}}$	P	CDF	AB	P
24697	20948	2	$\sqrt{\frac{v^2-w\pi^2+u^2w\pi^2}{v^2}}$	H	CDF	AB	H

24698	20949	1	$\sqrt{-\frac{-v^2 - w\pi^2 + u^2w\pi^2}{v^2}}$	P	CDF	AB	H
24699	20949	2	$\sqrt{-\frac{-v^2 - w\pi^2 + u^2w\pi^2}{v^2}}$	H	CDF	AB	P
24700	20950	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi^2}{v}$	P	CDF	R	CDF
24701	20951	1	$\frac{v}{\sqrt{1-u^2w^2\pi^2}}$	P	CDF	R	CDIF
24702	20952	1	$-\frac{w^4\pi^2(-1+u^2)}{v^2}$	P	CDF	R	AB
24703	20953	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}}$	P	CDF	R	R
24704	20954	1	$\frac{(1-u^2)^{3/2}w^6\pi^3}{v^3}$	P	CDF	R	K
24705	20955	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}}$	P	CDF	R	E
24706	20956	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}\right)$	P	CDF	R	L
24707	20957	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}\right)$	P	CDF	R	S
24708	20958	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{v}\right)$	P	CDF	R	T
24709	20959	1	$\sqrt{\frac{v^2 - w^4\pi^2 + u^2w^4\pi^2}{v^2}}$	P	CDF	R	P
24710	20959	2	$\sqrt{\frac{v^2 - w^4\pi^2 + u^2w^4\pi^2}{v^2}}$	H	CDF	R	H
24711	20960	1	$\sqrt{-\frac{-v^2 - w^4\pi^2 + u^2w^4\pi^2}{v^2}}$	P	CDF	R	H

24712	20960	2	$\sqrt{-\frac{-v^2 - w^4\pi^2 + u^2w^4\pi^2}{v^2}}$	H	CDF	R	P
24713	20961	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w\pi^2}}{v}$	P	CDF	K	CDF
24714	20962	1	$\frac{v}{\sqrt{1-u^2}\sqrt[3]{w\pi^2}}$	P	CDF	K	CDIF
24715	20963	1	$-\frac{(-1+u^2)w^{2/3}\pi^2}{v^2}$	P	CDF	K	AB
24716	20964	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w\pi}}{v}}$	P	CDF	K	R
24717	20965	1	$\frac{(1-u^2)^{3/2}\pi^3w}{v^3}$	P	CDF	K	K
24718	20966	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w\pi}}{v}}$	P	CDF	K	E
24719	20967	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w\pi}}{v}\right)$	P	CDF	K	L
24720	20968	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w\pi}}{v}\right)$	P	CDF	K	S
24721	20969	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w\pi}}{v}\right)$	P	CDF	K	T
24722	20970	1	$\sqrt{\frac{v^2 - w^{2/3}\pi^2 + u^2w^{2/3}\pi^2}{v^2}}$	P	CDF	K	P
24723	20970	2	$\sqrt{\frac{v^2 - w^{2/3}\pi^2 + u^2w^{2/3}\pi^2}{v^2}}$	H	CDF	K	H
24724	20971	1	$\sqrt{-\frac{-v^2 - w^{2/3}\pi^2 + u^2w^{2/3}\pi^2}{v^2}}$	P	CDF	K	H
24725	20971	2	$\sqrt{-\frac{-v^2 - w^{2/3}\pi^2 + u^2w^{2/3}\pi^2}{v^2}}$	H	CDF	K	P
24726	20972	1	$\frac{\sqrt{1-u^2}\ln(w)\pi^2}{v}$	P	CDF	E	CDF

24727	20973	1	$\frac{v}{\sqrt{1-u^2} \ln(w) \pi^2}$	P	CDF	E	CDIF
24728	20974	1	$-\frac{(\ln(w))^2 \pi^2 (-1+u^2)}{v^2}$	P	CDF	E	AB
24729	20975	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w) \pi}{v}}$	P	CDF	E	R
24730	20976	1	$\frac{(1-u^2)^{3/2} \pi^3 (\ln(w))^3}{v^3}$	P	CDF	E	K
24731	20977	1	$w \frac{\sqrt{1-u^2} \pi}{v}$	P	CDF	E	E
24732	20978	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w) \pi}{v}\right)$	P	CDF	E	L
24733	20979	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w) \pi}{v}\right)$	P	CDF	E	S
24734	20980	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w) \pi}{v}\right)$	P	CDF	E	T
24735	20981	1	$\sqrt{\frac{v^2 - (\ln(w))^2 \pi^2 + u^2 (\ln(w))^2 \pi^2}{v^2}}$	~~P~~	CDF	E	P
24736	20981	2	$\sqrt{\frac{v^2 - (\ln(w))^2 \pi^2 + u^2 (\ln(w))^2 \pi^2}{v^2}}$	~~H~~	CDF	E	H
24737	20982	1	$\sqrt{-\frac{-v^2 - (\ln(w))^2 \pi^2 + u^2 (\ln(w))^2 \pi^2}{v^2}}$	~~P~~	CDF	E	H
24738	20982	2	$\sqrt{-\frac{-v^2 - (\ln(w))^2 \pi^2 + u^2 (\ln(w))^2 \pi^2}{v^2}}$	~~H~~	CDF	E	P
24739	20983	1	$\frac{\sqrt{1-u^2} \text{Exp}(w) \pi^2}{v}$	P	CDF	L	CDF
24740	20984	1	$\frac{v}{\sqrt{1-u^2} \text{Exp}(w) \pi^2}$	P	CDF	L	CDIF

24741	20985	1	$-\frac{(Exp(w))^2 \pi^2 (-1+u^2)}{v^2}$	P	CDF	L	AB
24742	20986	1	$\sqrt{\frac{\sqrt{1-u^2} Exp(w) \pi}{v}}$	P	CDF	L	R
24743	20987	1	$\frac{(1-u^2)^{3/2} \pi^3 (Exp(w))^3}{v^3}$	P	CDF	L	K
24744	20988	1	$e^{\frac{\sqrt{1-u^2} Exp(w) \pi}{v}}$	P	CDF	L	E
24745	20989	1	$\log\left(\frac{\sqrt{1-u^2} Exp(w) \pi}{v}\right)$	P	CDF	L	L
24746	20990	1	$\arcsin\left(\frac{\sqrt{1-u^2} Exp(w) \pi}{v}\right)$	P	CDF	L	S
24747	20991	1	$\arctan\left(\frac{\sqrt{1-u^2} Exp(w) \pi}{v}\right)$	P	CDF	L	T
24748	20992	1	$\sqrt{\frac{v^2 - (Exp(w))^2 \pi^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	P	CDF	L	P
24749	20992	2	$\sqrt{\frac{v^2 - (Exp(w))^2 \pi^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	H	CDF	L	H
24750	20993	1	$\sqrt{-\frac{-v^2 - (Exp(w))^2 \pi^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	P	CDF	L	H
24751	20993	2	$\sqrt{-\frac{-v^2 - (Exp(w))^2 \pi^2 + u^2 (Exp(w))^2 \pi^2}{v^2}}$	H	CDF	L	P
24752	20994	1	$\frac{\sqrt{1-u^2} \sin(w) \pi^2}{v}$	P	CDF	S	CDF
24753	20995	1	$\frac{v}{\sqrt{1-u^2} \sin(w) \pi^2}$	P	CDF	S	CDIF
24754	20996	1	$-\frac{(\sin(w))^2 \pi^2 (-1+u^2)}{v^2}$	P	CDF	S	AB

24755	20997	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w) \pi}{v}}$	P	CDF	S	R
24756	20998	1	$\frac{(1-u^2)^{3/2} \pi^3 (\sin(w))^3}{v^3}$	P	CDF	S	K
24757	20999	1	$e^{\frac{\sqrt{1-u^2} \sin(w) \pi}{v}}$	P	CDF	S	E
24758	21000	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w) \pi}{v}\right)$	P	CDF	S	L
24759	21001	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w) \pi}{v}\right)$	P	CDF	S	S
24760	21002	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w) \pi}{v}\right)$	P	CDF	S	T
24761	21003	1	$\sqrt{-\frac{-v^2 + \pi^2 - u^2 \pi^2 - \pi^2 (\cos(w))^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	P	CDF	S	P
24762	21003	2	$\sqrt{-\frac{-v^2 + \pi^2 - u^2 \pi^2 - \pi^2 (\cos(w))^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	H	CDF	S	H
24763	21004	1	$\sqrt{\frac{v^2 + \pi^2 - u^2 \pi^2 - \pi^2 (\cos(w))^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	P	CDF	S	H
24764	21004	2	$\sqrt{\frac{v^2 + \pi^2 - u^2 \pi^2 - \pi^2 (\cos(w))^2 + u^2 \pi^2 (\cos(w))^2}{v^2}}$	H	CDF	S	P
24765	21005	1	$\frac{\sqrt{1-u^2} \tan(w) \pi^2}{v}$	P	CDF	T	CDF
24766	21006	1	$\frac{v}{\sqrt{1-u^2} \tan(w) \pi^2}$	P	CDF	T	CDF
24767	21007	1	$-\frac{(\tan(w))^2 \pi^2 (-1+u^2)}{v^2}$	P	CDF	T	AB
24768	21008	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w) \pi}{v}}$	P	CDF	T	R

24769	21009	1	$\frac{(1-u^2)^{3/2} \pi^3 (\tan(w))^3}{v^3}$	P	CDF	T	K
24770	21010	1	$e^{\frac{\sqrt{1-u^2} \tan(w) \pi}{v}}$	P	CDF	T	E
24771	21011	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w) \pi}{v}\right)$	P	CDF	T	L
24772	21012	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w) \pi}{v}\right)$	P	CDF	T	S
24773	21013	1	$\arctan\left(\frac{\sqrt{1-u^2} \tan(w) \pi}{v}\right)$	P	CDF	T	T
24774	21014	1	$\sqrt{\frac{v^2 - (\tan(w))^2 \pi^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	P	CDF	T	P
24775	21014	2	$\sqrt{\frac{v^2 - (\tan(w))^2 \pi^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	H	CDF	T	H
24776	21015	1	$\sqrt{-\frac{v^2 - (\tan(w))^2 \pi^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	P	CDF	T	H
24777	21015	2	$\sqrt{-\frac{v^2 - (\tan(w))^2 \pi^2 + u^2 (\tan(w))^2 \pi^2}{v^2}}$	H	CDF	T	P
24778	21016	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2} \pi^2}{v}$	P	CDF	P	CDF
24779	21017	1	$\frac{v}{\sqrt{1-u^2} \sqrt{1-w^2} \pi^2}$	P	CDF	P	CDF
24780	21018	1	$\frac{\pi^2 (-1+u^2) (-1+w^2)}{v^2}$	P	CDF	P	AB
24781	21018	2	$\frac{\pi^2 (-1+u^2) (-1+w^2)}{v^2}$	H	CDF	H	AB
24782	21019	1	$\sqrt{\frac{\sqrt{1-u^2} \sqrt{1-w^2} \pi}{v}}$	P	CDF	P	R

24783	21020	1	$\frac{(1-u^2)^{3/2}\pi^3(1-w^2)^{3/2}}{v^3}$	P	CDF	P	K
24784	21021	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}}$	P	CDF	P	E
24785	21022	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}\right)$	P	CDF	P	L
24786	21023	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}\right)$	P	CDF	P	S
24787	21024	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{v}\right)$	P	CDF	P	T
24788	21025	1	$\sqrt{-\frac{-v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~P~~	CDF	P	P
24789	21025	2	$\sqrt{-\frac{-v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~P~~	CDF	H	H
24790	21025	3	$\sqrt{-\frac{-v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~H~~	CDF	P	H
24791	21025	4	$\sqrt{-\frac{-v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~H~~	CDF	H	P
24792	21026	1	$\sqrt{\frac{v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~P~~	CDF	P	H
24793	21026	2	$\sqrt{\frac{v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~P~~	CDF	H	P
24794	21026	3	$\sqrt{\frac{v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~H~~	CDF	P	P
24795	21026	4	$\sqrt{\frac{v^2-w^2\pi^2+\pi^2+u^2w^2\pi^2-u^2\pi^2}{v^2}}$	~~H~~	CDF	H	H
24796	21027	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi^2}{v}$	P	CDF	H	CDF
24797	21028	1	$\frac{v}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi^2}$	P	CDF	H	CDIF

24798	21029	1	$-\frac{\pi^2(-1+u^2)(-1+w^2)}{v^2}$	P	CDF	H	AB
24799	21029	2	$-\frac{\pi^2(-1+u^2)(-1+w^2)}{v^2}$	H	CDF	P	AB
24800	21030	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}}$	P	CDF	H	R
24801	21031	1	$\frac{(1-u^2)^{3/2}\pi^3(-1+w^2)^{3/2}}{v^3}$	P	CDF	H	K
24802	21032	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}}$	P	CDF	H	E
24803	21033	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}\right)$	P	CDF	H	L
24804	21034	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}\right)$	P	CDF	H	S
24805	21035	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{v}\right)$	P	CDF	H	T
24806	21036	1	$\sqrt{1-u^2}vw\pi^2$	P	CDIF	CD	CDF
24807	21037	1	$\frac{1}{\sqrt{1-u^2}vw\pi^2}$	P	CDIF	CD	CDIF
24808	21038	1	$-v^2\pi^2w^2(-1+u^2)$	P	CDIF	CD	AB
24809	21039	1	$\sqrt{\sqrt{1-u^2}vw\pi}$	P	CDIF	CD	R
24810	21040	1	$(1-u^2)^{3/2}v^3\pi^3w^3$	P	CDIF	CD	K
24811	21041	1	$e^{\sqrt{1-u^2}vw\pi}$	P	CDIF	CD	E
24812	21042	1	$\log\left(\sqrt{1-u^2}vw\pi\right)$	P	CDIF	CD	L

24813	21043	1	$\arcsin\left(\sqrt{1-u^2}vw\pi\right)$	P	CDIF	CD	S
24814	21044	1	$\arctan\left(\sqrt{1-u^2}vw\pi\right)$	P	CDIF	CD	T
24815	21045	1	$\sqrt{1-v^2w^2\pi^2+u^2v^2w^2\pi^2}$	P	CDIF	CD	P
24816	21045	2	$\sqrt{1-v^2w^2\pi^2+u^2v^2w^2\pi^2}$	H	CDIF	CD	H
24817	21046	1	$\sqrt{1+v^2w^2\pi^2-u^2v^2w^2\pi^2}$	P	CDIF	CD	H
24818	21046	2	$\sqrt{1+v^2w^2\pi^2-u^2v^2w^2\pi^2}$	H	CDIF	CD	P
24819	21047	1	$\frac{\sqrt{1-u^2}v\pi^2}{w}$	P	CDIF	CDI	CDF
24820	21048	1	$\frac{w}{\sqrt{1-u^2}v\pi^2}$	P	CDIF	CDI	CDIF
24821	21049	1	$-\frac{v^2\pi^2(-1+u^2)}{w^2}$	P	CDIF	CDI	AB
24822	21050	1	$\sqrt{\frac{\sqrt{1-u^2}v\pi}{w}}$	P	CDIF	CDI	R
24823	21051	1	$\frac{(1-u^2)^{3/2}v^3\pi^3}{w^3}$	P	CDIF	CDI	K
24824	21052	1	$e^{\frac{\sqrt{1-u^2}v\pi}{w}}$	P	CDIF	CDI	E
24825	21053	1	$\log\left(\frac{\sqrt{1-u^2}v\pi}{w}\right)$	P	CDIF	CDI	L
24826	21054	1	$\arcsin\left(\frac{\sqrt{1-u^2}v\pi}{w}\right)$	P	CDIF	CDI	S
24827	21055	1	$\arctan\left(\frac{\sqrt{1-u^2}v\pi}{w}\right)$	P	CDIF	CDI	T
24828	21056	1	$\sqrt{\frac{w^2-v^2\pi^2+u^2v^2\pi^2}{w^2}}$	P	CDIF	CDI	P

24829	21056	2	$\sqrt{\frac{w^2 - v^2\pi^2 + u^2v^2\pi^2}{w^2}}$	H	CDIF	CDI	H
24830	21057	1	$\sqrt{-\frac{-w^2 - v^2\pi^2 + u^2v^2\pi^2}{w^2}}$	P	CDIF	CDI	H
24831	21057	2	$\sqrt{-\frac{-w^2 - v^2\pi^2 + u^2v^2\pi^2}{w^2}}$	H	CDIF	CDI	P
24832	21058	1	$\sqrt{\sqrt{-(u-1)(u+1)}vw}$	P	CDIF	CDF	R
24833	21059	1	$e^{\sqrt{-(u-1)(u+1)}vw}$	P	CDIF	CDF	E
24834	21060	1	$\log\left(\sqrt{-(u-1)(u+1)}vw\right)$	P	CDIF	CDF	L
24835	21061	1	$\arcsin\left(\sqrt{-(u-1)(u+1)}vw\right)$	P	CDIF	CDF	S
24836	21062	1	$\arctan\left(\sqrt{-(u-1)(u+1)}vw\right)$	P	CDIF	CDF	T
24837	21063	1	$\sqrt{1-u^2}v\sqrt{w}\pi^2$	P	CDIF	AB	CDF
24838	21064	1	$\frac{1}{\sqrt{1-u^2}v\sqrt{w}\pi^2}$	P	CDIF	AB	CDIF
24839	21065	1	$-v^2\pi^2w(-1+u^2)$	P	CDIF	AB	AB
24840	21066	1	$\sqrt{\sqrt{1-u^2}v\sqrt{w}\pi}$	P	CDIF	AB	R
24841	21067	1	$(1-u^2)^{3/2}v^3\pi^3w^{3/2}$	P	CDIF	AB	K
24842	21068	1	$e^{\sqrt{1-u^2}v\sqrt{w}\pi}$	P	CDIF	AB	E
24843	21069	1	$\log\left(\sqrt{1-u^2}v\sqrt{w}\pi\right)$	P	CDIF	AB	L
24844	21070	1	$\arcsin\left(\sqrt{1-u^2}v\sqrt{w}\pi\right)$	P	CDIF	AB	S

24845	21071	1	$\arctan\left(\sqrt{1-u^2}v\sqrt{w\pi}\right)$	P	CDIF	AB	T
24846	21072	1	$\sqrt{1-v^2w\pi^2+u^2v^2w\pi^2}$	P	CDIF	AB	P
24847	21072	2	$\sqrt{1-v^2w\pi^2+u^2v^2w\pi^2}$	H	CDIF	AB	H
24848	21073	1	$\sqrt{1+v^2w\pi^2-u^2v^2w\pi^2}$	P	CDIF	AB	H
24849	21073	2	$\sqrt{1+v^2w\pi^2-u^2v^2w\pi^2}$	H	CDIF	AB	P
24850	21074	1	$\sqrt{-(u-1)(u+1)}vw^2\pi^2$	P	CDIF	R	CDF
24851	21075	1	$\frac{1}{\sqrt{1-u^2vw^2\pi^2}}$	P	CDIF	R	CDIF
24852	21076	1	$-v^2w^4\pi^2(-1+u^2)$	P	CDIF	R	AB
24853	21077	1	$\sqrt{\sqrt{-(u-1)(u+1)}vw^2\pi}$	P	CDIF	R	R
24854	21078	1	$(1-u^2)^{3/2}v^3w^6\pi^3$	P	CDIF	R	K
24855	21079	1	$e^{\sqrt{-(u-1)(u+1)}vw^2\pi}$	P	CDIF	R	E
24856	21080	1	$\log\left(\sqrt{-(u-1)(u+1)}vw^2\pi\right)$	P	CDIF	R	L
24857	21081	1	$\arcsin\left(\sqrt{-(u-1)(u+1)}vw^2\pi\right)$	P	CDIF	R	S
24858	21082	1	$\arctan\left(\sqrt{-(u-1)(u+1)}vw^2\pi\right)$	P	CDIF	R	T
24859	21083	1	$\sqrt{1-v^2w^4\pi^2+u^2v^2w^4\pi^2}$	P	CDIF	R	P
24860	21083	2	$\sqrt{1-v^2w^4\pi^2+u^2v^2w^4\pi^2}$	H	CDIF	R	H
24861	21084	1	$\sqrt{1+v^2w^4\pi^2-u^2v^2w^4\pi^2}$	P	CDIF	R	H
24862	21084	2	$\sqrt{1+v^2w^4\pi^2-u^2v^2w^4\pi^2}$	H	CDIF	R	P

24863	21085	1	$\sqrt{1-u^2}v\sqrt[3]{w}\pi^2$	P	CDIF	K	CDF
24864	21086	1	$\frac{1}{\sqrt{1-u^2}v\sqrt[3]{w}\pi^2}$	P	CDIF	K	CDIF
24865	21087	1	$-(-1+u^2)v^2w^{2/3}\pi^2$	P	CDIF	K	AB
24866	21088	1	$\sqrt{\sqrt{1-u^2}v\sqrt[3]{w}\pi}$	P	CDIF	K	R
24867	21089	1	$(1-u^2)^{3/2}v^3\pi^3w$	P	CDIF	K	K
24868	21090	1	$e^{\sqrt{1-u^2}v\sqrt[3]{w}\pi}$	P	CDIF	K	E
24869	21091	1	$\log\left(\sqrt{1-u^2}v\sqrt[3]{w}\pi\right)$	P	CDIF	K	L
24870	21092	1	$\arcsin\left(\sqrt{1-u^2}v\sqrt[3]{w}\pi\right)$	P	CDIF	K	S
24871	21093	1	$\arctan\left(\sqrt{1-u^2}v\sqrt[3]{w}\pi\right)$	P	CDIF	K	T
24872	21094	1	$\sqrt{1-v^2w^{2/3}\pi^2+u^2v^2w^{2/3}\pi^2}$	P	CDIF	K	P
24873	21094	2	$\sqrt{1-v^2w^{2/3}\pi^2+u^2v^2w^{2/3}\pi^2}$	H	CDIF	K	H
24874	21095	1	$\sqrt{1+v^2w^{2/3}\pi^2-u^2v^2w^{2/3}\pi^2}$	P	CDIF	K	H
24875	21095	2	$\sqrt{1+v^2w^{2/3}\pi^2-u^2v^2w^{2/3}\pi^2}$	H	CDIF	K	P
24876	21096	1	$\sqrt{1-u^2}v\ln(w)\pi^2$	P	CDIF	E	CDF
24877	21097	1	$\frac{1}{\sqrt{1-u^2}v\ln(w)\pi^2}$	P	CDIF	E	CDIF
24878	21098	1	$-v^2\pi^2(\ln(w))^2(-1+u^2)$	P	CDIF	E	AB
24879	21099	1	$\sqrt{\sqrt{1-u^2}v\ln(w)\pi}$	P	CDIF	E	R

24880	21100	1	$(1 - u^2)^{3/2} v^3 \pi^3 (\ln(w))^3$	P	CDIF	E	K
24881	21101	1	$w^{\sqrt{1-u^2}v\pi}$	P	CDIF	E	E
24882	21102	1	$\log\left(\sqrt{1-u^2}v \ln(w) \pi\right)$	P	CDIF	E	L
24883	21103	1	$\arcsin\left(\sqrt{1-u^2}v \ln(w) \pi\right)$	P	CDIF	E	S
24884	21104	1	$\arctan\left(\sqrt{1-u^2}v \ln(w) \pi\right)$	P	CDIF	E	T
24885	21105	1	$\sqrt{1-v^2(\ln(w))^2\pi^2+u^2v^2(\ln(w)\mathfrak{P})^2\pi^2}$	CDIF	E	P	
24886	21105	2	$\sqrt{1-v^2(\ln(w))^2\pi^2+u^2v^2(\ln(w)\mathfrak{H})^2\pi^2}$	CDIF	E	H	
24887	21106	1	$\sqrt{1+v^2(\ln(w))^2\pi^2-u^2v^2(\ln(w)\mathfrak{P})^2\pi^2}$	CDIF	E	H	
24888	21106	2	$\sqrt{1+v^2(\ln(w))^2\pi^2-u^2v^2(\ln(w)\mathfrak{H})^2\pi^2}$	CDIF	E	P	
24889	21107	1	$\sqrt{1-u^2}vExp(w)\pi^2$	P	CDIF	L	CDF
24890	21108	1	$\frac{1}{\sqrt{1-u^2}vExp(w)\pi^2}$	P	CDIF	L	CDIF
24891	21109	1	$-v^2\pi^2(Exp(w))^2(-1+u^2)$	P	CDIF	L	AB
24892	21110	1	$\sqrt{\sqrt{1-u^2}vExp(w)\pi}$	P	CDIF	L	R
24893	21111	1	$(1-u^2)^{3/2}v^3\pi^3(Exp(w))^3$	P	CDIF	L	K
24894	21112	1	$e^{\sqrt{1-u^2}vExp(w)\pi}$	P	CDIF	L	E
24895	21113	1	$\log\left(\sqrt{1-u^2}vExp(w)\pi\right)$	P	CDIF	L	L
24896	21114	1	$\arcsin\left(\sqrt{1-u^2}vExp(w)\pi\right)$	P	CDIF	L	S

24897	21115	1	$\arctan\left(\sqrt{1-u^2}v\exp(w)\pi\right)$	P	CDIF	L	T
24898	21116	1	$\sqrt{1-v^2(\exp(w))^2\pi^2+u^2v^2(\exp(w))^2}$	P	CDIF	L	P
24899	21116	2	$\sqrt{1-v^2(\exp(w))^2\pi^2+u^2v^2(\exp(w))^2}$	P	CDIF	L	H
24900	21117	1	$\sqrt{1+v^2(\exp(w))^2\pi^2-u^2v^2(\exp(w))^2}$	P	CDIF	L	H
24901	21117	2	$\sqrt{1+v^2(\exp(w))^2\pi^2-u^2v^2(\exp(w))^2}$	P	CDIF	L	P
24902	21118	1	$\sqrt{1-u^2}v\sin(w)\pi^2$	P	CDIF	S	CDF
24903	21119	1	$\frac{1}{\sqrt{1-u^2}v\sin(w)\pi^2}$	P	CDIF	S	CDIF
24904	21120	1	$-v^2\pi^2(\sin(w))^2(-1+u^2)$	P	CDIF	S	AB
24905	21121	1	$\sqrt{\sqrt{1-u^2}v\sin(w)\pi}$	P	CDIF	S	R
24906	21122	1	$(1-u^2)^{3/2}v^3\pi^3(\sin(w))^3$	P	CDIF	S	K
24907	21123	1	$e^{\sqrt{1-u^2}v\sin(w)\pi}$	P	CDIF	S	E
24908	21124	1	$\log\left(\sqrt{1-u^2}v\sin(w)\pi\right)$	P	CDIF	S	L
24909	21125	1	$\arcsin\left(\sqrt{1-u^2}v\sin(w)\pi\right)$	P	CDIF	S	S
24910	21126	1	$\arctan\left(\sqrt{1-u^2}v\sin(w)\pi\right)$	P	CDIF	S	T
24911	21127	1	$\sqrt{1-v^2\pi^2+u^2v^2\pi^2+v^2\pi^2(\cos(w))^2}$	P	CDIF	S	P
24912	21127	2	$\sqrt{1-v^2\pi^2+u^2v^2\pi^2+v^2\pi^2(\cos(w))^2}$	P	CDIF	S	H
24913	21128	1	$\sqrt{1+v^2\pi^2-u^2v^2\pi^2-v^2\pi^2(\cos(w))^2}$	P	CDIF	S	H

24914	21128	2	$\sqrt{1 + v^2 \pi^2 - u^2 v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2} + \sqrt{1 + v^2 \pi^2 - u^2 v^2 \pi^2 - v^2 \pi^2 (\cos(w))^2}$	P	CDIF	T	AB
24915	21129	1	$\sqrt{1 - u^2} v \tan(w) \pi^2$	P	CDIF	T	CDF
24916	21130	1	$\frac{1}{\sqrt{1 - u^2} v \tan(w) \pi^2}$	P	CDIF	T	CDIF
24917	21131	1	$-v^2 \pi^2 (\tan(w))^2 (-1 + u^2)$	P	CDIF	T	AB
24918	21132	1	$\sqrt{\sqrt{1 - u^2} v \tan(w) \pi}$	P	CDIF	T	R
24919	21133	1	$(1 - u^2)^{3/2} v^3 \pi^3 (\tan(w))^3$	P	CDIF	T	K
24920	21134	1	$e^{\sqrt{1 - u^2} v \tan(w) \pi}$	P	CDIF	T	E
24921	21135	1	$\log(\sqrt{1 - u^2} v \tan(w) \pi)$	P	CDIF	T	L
24922	21136	1	$\arcsin(\sqrt{1 - u^2} v \tan(w) \pi)$	P	CDIF	T	S
24923	21137	1	$\arctan(\sqrt{1 - u^2} v \tan(w) \pi)$	P	CDIF	T	T
24924	21138	1	$\sqrt{1 - v^2 (\tan(w))^2 \pi^2 + u^2 v^2 (\tan(w))^2}$	P	CDIF	T	P
24925	21138	2	$\sqrt{1 - v^2 (\tan(w))^2 \pi^2 + u^2 v^2 (\tan(w))^2}$	P	CDIF	T	H
24926	21139	1	$\sqrt{1 + v^2 (\tan(w))^2 \pi^2 - u^2 v^2 (\tan(w))^2}$	P	CDIF	T	H
24927	21139	2	$\sqrt{1 + v^2 (\tan(w))^2 \pi^2 - u^2 v^2 (\tan(w))^2}$	P	CDIF	T	P
24928	21140	1	$\sqrt{1 - u^2} v \sqrt{1 - w^2} \pi^2$	P	CDIF	P	CDF
24929	21141	1	$\frac{1}{\sqrt{1 - u^2} v \sqrt{1 - w^2} \pi^2}$	P	CDIF	P	CDIF
24930	21142	1	$v^2 \pi^2 (-1 + u^2) (-1 + w^2)$	P	CDIF	P	AB

24931	21142	2	$v^2\pi^2(-1+u^2)(-1+w^2)$	H	CDIF	H	AB
24932	21143	1	$\sqrt{\sqrt{1-u^2v}\sqrt{1-w^2}\pi}$	P	CDIF	P	R
24933	21144	1	$(1-u^2)^{3/2}v^3\pi^3(1-w^2)^{3/2}$	P	CDIF	P	K
24934	21145	1	$e^{\sqrt{1-u^2v}\sqrt{1-w^2}\pi}$	P	CDIF	P	E
24935	21146	1	$\log\left(\sqrt{1-u^2v}\sqrt{1-w^2}\pi\right)$	P	CDIF	P	L
24936	21147	1	$\arcsin\left(\sqrt{1-u^2v}\sqrt{1-w^2}\pi\right)$	P	CDIF	P	S
24937	21148	1	$\arctan\left(\sqrt{1-u^2v}\sqrt{1-w^2}\pi\right)$	P	CDIF	P	T
24938	21149	1	$\sqrt{1+v^2w^2\pi^2-v^2\pi^2-u^2v^2w^2\pi^2}\pi$	P	CDIF	P	P
24939	21149	2	$\sqrt{1+v^2w^2\pi^2-v^2\pi^2-u^2v^2w^2\pi^2}\pi$	H	CDIF	H	H
24940	21149	3	$\sqrt{1+v^2w^2\pi^2-v^2\pi^2-u^2v^2w^2\pi^2}\pi$	P	CDIF	P	H
24941	21149	4	$\sqrt{1+v^2w^2\pi^2-v^2\pi^2-u^2v^2w^2\pi^2}\pi$	H	CDIF	H	P
24942	21150	1	$\sqrt{1-v^2w^2\pi^2+v^2\pi^2+u^2v^2w^2\pi^2}\pi$	P	CDIF	P	H
24943	21150	2	$\sqrt{1-v^2w^2\pi^2+v^2\pi^2+u^2v^2w^2\pi^2}\pi$	H	CDIF	H	P
24944	21150	3	$\sqrt{1-v^2w^2\pi^2+v^2\pi^2+u^2v^2w^2\pi^2}\pi$	P	CDIF	P	P
24945	21150	4	$\sqrt{1-v^2w^2\pi^2+v^2\pi^2+u^2v^2w^2\pi^2}\pi$	H	CDIF	H	H
24946	21151	1	$\sqrt{1-u^2v}\sqrt{-1+w^2}\pi^2$	P	CDIF	H	CDF
24947	21152	1	$\frac{1}{\sqrt{1-u^2v}\sqrt{-1+w^2}\pi^2}$	P	CDIF	H	CDIF
24948	21153	1	$-v^2\pi^2(-1+u^2)(-1+w^2)$	P	CDIF	H	AB
24949	21153	2	$-v^2\pi^2(-1+u^2)(-1+w^2)$	H	CDIF	P	AB
24950	21154	1	$\sqrt{\sqrt{1-u^2v}\sqrt{-1+w^2}\pi}$	P	CDIF	H	R

24951	21155	1	$(1-u^2)^{3/2} v^3 \pi^3 (-1+w^2)^{3/2}$	P	CDIF	H	K
24952	21156	1	$e^{\sqrt{1-u^2} v \sqrt{-1+w^2} \pi}$	P	CDIF	H	E
24953	21157	1	$\log\left(\sqrt{1-u^2} v \sqrt{-1+w^2} \pi\right)$	P	CDIF	H	L
24954	21158	1	$\arcsin\left(\sqrt{1-u^2} v \sqrt{-1+w^2} \pi\right)$	P	CDIF	H	S
24955	21159	1	$\arctan\left(\sqrt{1-u^2} v \sqrt{-1+w^2} \pi\right)$	P	CDIF	H	T
24956	21160	1	$\frac{\sqrt{1-u^2} w}{\sqrt{v}}$	P	AB	CD	CD
24957	21161	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} w}$	P	AB	CD	CDI
24958	21161	2	$\frac{\sqrt{v}}{\sqrt{1-u^2} w}$	P	AB	CDF	CDIF
24959	21162	1	$\frac{\sqrt{1-u^2} w \pi}{\sqrt{v}}$	P	AB	CD	CDF
24960	21163	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} w \pi}$	P	AB	CD	CDIF
24961	21164	1	$-\frac{w^2 (-1+u^2)}{v}$	P	AB	CD	AB
24962	21165	1	$\sqrt{\frac{\sqrt{1-u^2} w}{\sqrt{v}}}$	P	AB	CD	R
24963	21166	1	$\frac{(1-u^2)^{3/2} w^3}{v^{3/2}}$	P	AB	CD	K
24964	21167	1	$e^{\frac{\sqrt{1-u^2} w}{\sqrt{v}}}$	P	AB	CD	E
24965	21168	1	$\log\left(\frac{\sqrt{1-u^2} w}{\sqrt{v}}\right)$	P	AB	CD	L

24966	21169	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\sqrt{v}}\right)$	P	AB	CD	S
24967	21170	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sqrt{v}}\right)$	P	AB	CD	T
24968	21171	1	$\sqrt{\frac{v-w^2+u^2w^2}{v}}$	P	AB	CD	P
24969	21171	2	$\sqrt{\frac{v-w^2+u^2w^2}{v}}$	H	AB	CD	H
24970	21172	1	$\sqrt{-\frac{-v-w^2+u^2w^2}{v}}$	P	AB	CD	H
24971	21172	2	$\sqrt{-\frac{-v-w^2+u^2w^2}{v}}$	H	AB	CD	P
24972	21173	1	$\frac{\sqrt{1-u^2}}{\sqrt{vw}}$	P	AB	CDI	CD
24973	21174	1	$\frac{\sqrt{vw}}{\sqrt{1-u^2}}$	P	AB	CDI	CDI
24974	21174	2	$\frac{\sqrt{vw}}{\sqrt{1-u^2}}$	P	AB	CDIF	CDIF
24975	21175	1	$\frac{\sqrt{1-u^2}\pi}{\sqrt{vw}}$	P	AB	CDI	CDF
24976	21176	1	$\frac{\sqrt{vw}}{\sqrt{1-u^2}\pi}$	P	AB	CDI	CDIF
24977	21177	1	$-\frac{-1+u^2}{vw^2}$	P	AB	CDI	AB
24978	21178	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{vw}}}$	P	AB	CDI	R
24979	21179	1	$\frac{(1-u^2)^{3/2}}{v^{3/2}w^3}$	P	AB	CDI	K
24980	21180	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{vw}}}$	P	AB	CDI	E

24981	21181	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{vw}}\right)$	P	AB	CDI	L
24982	21182	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{vw}}\right)$	P	AB	CDI	S
24983	21183	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{vw}}\right)$	P	AB	CDI	T
24984	21184	1	$\sqrt{\frac{vw^2-1+u^2}{vw^2}}$	P	AB	CDI	P
24985	21184	2	$\sqrt{\frac{vw^2-1+u^2}{vw^2}}$	H	AB	CDI	H
24986	21185	1	$\sqrt{-\frac{vw^2-1+u^2}{vw^2}}$	P	AB	CDI	H
24987	21185	2	$\sqrt{-\frac{vw^2-1+u^2}{vw^2}}$	H	AB	CDI	P
24988	21186	1	$\frac{\sqrt{1-u^2}w}{\sqrt{v}\pi}$	P	AB	CDF	CD
24989	21187	1	$\frac{\sqrt{v}\pi}{\sqrt{1-u^2}w}$	P	AB	CDF	CDI
24990	21188	1	$\frac{\sqrt{-(u-1)(u+1)}w}{\sqrt{v}}$	P	AB	CDF	CDF
24991	21189	1	$-\frac{w^2(-1+u^2)}{v\pi^2}$	P	AB	CDF	AB
24992	21190	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sqrt{v}\pi}}$	P	AB	CDF	R
24993	21191	1	$\frac{(1-u^2)^{3/2}w^3}{v^{3/2}\pi^3}$	P	AB	CDF	K
24994	21192	1	$e^{\frac{\sqrt{1-u^2}w}{\sqrt{v}\pi}}$	P	AB	CDF	E

24995	21193	1	$\log\left(\frac{\sqrt{1-u^2w}}{\sqrt{v}\pi}\right)$	P	AB	CDF	L
24996	21194	1	$\arcsin\left(\frac{\sqrt{1-u^2w}}{\sqrt{v}\pi}\right)$	P	AB	CDF	S
24997	21195	1	$\arctan\left(\frac{\sqrt{1-u^2w}}{\sqrt{v}\pi}\right)$	P	AB	CDF	T
24998	21196	1	$\sqrt{\frac{v\pi^2 - w^2 + u^2w^2}{v\pi^2}}$	P	AB	CDF	P
24999	21196	2	$\sqrt{\frac{v\pi^2 - w^2 + u^2w^2}{v\pi^2}}$	H	AB	CDF	H
25000	21197	1	$\sqrt{-\frac{v\pi^2 - w^2 + u^2w^2}{v\pi^2}}$	P	AB	CDF	H
25001	21197	2	$\sqrt{-\frac{v\pi^2 - w^2 + u^2w^2}{v\pi^2}}$	H	AB	CDF	P
25002	21198	1	$\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}$	P	AB	CDIF	CD
25003	21199	1	$\frac{\sqrt{v}w\pi}{\sqrt{1-u^2}}$	P	AB	CDIF	CDI
25004	21200	1	$\frac{\sqrt{-(u-1)(u+1)}}{\sqrt{v}w}$	P	AB	CDIF	CDF
25005	21201	1	$-\frac{-1+u^2}{vw^2\pi^2}$	P	AB	CDIF	AB
25006	21202	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}}$	P	AB	CDIF	R
25007	21203	1	$\frac{(1-u^2)^{3/2}}{v^{3/2}w^3\pi^3}$	P	AB	CDIF	K
25008	21204	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}}$	P	AB	CDIF	E

25009	21205	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}\right)$	P	AB	CDIF	L
25010	21206	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}\right)$	P	AB	CDIF	S
25011	21207	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{v}w\pi}\right)$	P	AB	CDIF	T
25012	21208	1	$\sqrt{\frac{vw^2\pi^2-1+u^2}{vw^2\pi^2}}$	P	AB	CDIF	P
25013	21208	2	$\sqrt{\frac{vw^2\pi^2-1+u^2}{vw^2\pi^2}}$	H	AB	CDIF	H
25014	21209	1	$\sqrt{-\frac{vw^2\pi^2-1+u^2}{vw^2\pi^2}}$	P	AB	CDIF	H
25015	21209	2	$\sqrt{-\frac{vw^2\pi^2-1+u^2}{vw^2\pi^2}}$	H	AB	CDIF	P
25016	21210	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}}$	P	AB	AB	CD
25017	21211	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt{w}}$	P	AB	AB	CDI
25018	21212	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\sqrt{v}}$	P	AB	AB	CDF
25019	21213	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	AB	AB	CDIF
25020	21214	1	$-\frac{w(-1+u^2)}{v}$	P	AB	AB	AB
25021	21215	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}}}$	P	AB	AB	R
25022	21216	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{v^{3/2}}$	P	AB	AB	K
25023	21217	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}}}$	P	AB	AB	E

25024	21218	1	$\log \left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}} \right)$	P	AB	AB	L
25025	21219	1	$\arcsin \left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}} \right)$	P	AB	AB	S
25026	21220	1	$\arctan \left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{v}} \right)$	P	AB	AB	T
25027	21221	1	$\sqrt{\frac{v-w+u^2w}{v}}$	P	AB	AB	P
25028	21221	2	$\sqrt{\frac{v-w+u^2w}{v}}$	H	AB	AB	H
25029	21222	1	$\sqrt{-\frac{-v-w+u^2w}{v}}$	P	AB	AB	H
25030	21222	2	$\sqrt{-\frac{-v-w+u^2w}{v}}$	H	AB	AB	P
25031	21223	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}$	P	AB	R	CD
25032	21224	1	$\frac{\sqrt{v}}{\sqrt{1-u^2w^2}}$	P	AB	R	CDI
25033	21225	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\sqrt{v}}$	P	AB	R	CDF
25034	21226	1	$\frac{\sqrt{v}}{\sqrt{1-u^2w^2}\pi}$	P	AB	R	CDIF
25035	21227	1	$-\frac{w^4(-1+u^2)}{v}$	P	AB	R	AB
25036	21228	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}}$	P	AB	R	R
25037	21229	1	$\frac{(1-u^2)^{3/2}w^6}{v^{3/2}}$	P	AB	R	K

25038	21230	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}}$	P	AB	R	E
25039	21231	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}\right)$	P	AB	R	L
25040	21232	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}\right)$	P	AB	R	S
25041	21233	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{v}}\right)$	P	AB	R	T
25042	21234	1	$\sqrt{\frac{v-w^4+u^2w^4}{v}}$	P	AB	R	P
25043	21234	2	$\sqrt{\frac{v-w^4+u^2w^4}{v}}$	H	AB	R	H
25044	21235	1	$\sqrt{-\frac{v-w^4+u^2w^4}{v}}$	P	AB	R	H
25045	21235	2	$\sqrt{-\frac{v-w^4+u^2w^4}{v}}$	H	AB	R	P
25046	21236	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{v}}$	P	AB	K	CD
25047	21237	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	AB	K	CDI
25048	21238	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\sqrt{v}}$	P	AB	K	CDF
25049	21239	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	AB	K	CDIF
25050	21240	1	$-\frac{(-1+u^2)w^{2/3}}{v}$	P	AB	K	AB
25051	21241	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{v}}}$	P	AB	K	R
25052	21242	1	$\frac{(1-u^2)^{3/2}w}{v^{3/2}}$	P	AB	K	K

25053	21243	1	$e^{\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{v}}}$	P	AB	K	E
25054	21244	1	$\log \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{v}} \right)$	P	AB	K	L
25055	21245	1	$\arcsin \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{v}} \right)$	P	AB	K	S
25056	21246	1	$\arctan \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{v}} \right)$	P	AB	K	T
25057	21247	1	$\sqrt{\frac{v - w^{2/3} + u^2 w^{2/3}}{v}}$	P	AB	K	P
25058	21247	2	$\sqrt{\frac{v - w^{2/3} + u^2 w^{2/3}}{v}}$	H	AB	K	H
25059	21248	1	$\sqrt{-\frac{-v - w^{2/3} + u^2 w^{2/3}}{v}}$	P	AB	K	H
25060	21248	2	$\sqrt{-\frac{-v - w^{2/3} + u^2 w^{2/3}}{v}}$	H	AB	K	P
25061	21249	1	$\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{v}}$	P	AB	E	CD
25062	21250	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \ln(w)}$	P	AB	E	CDI
25063	21251	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\sqrt{v}}$	P	AB	E	CDF
25064	21252	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \ln(w) \pi}$	P	AB	E	CDIF
25065	21253	1	$-\frac{(\ln(w))^2 (-1+u^2)}{v}$	P	AB	E	AB
25066	21254	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{v}}}$	P	AB	E	R

25067	21255	1	$\frac{(1-u^2)^{3/2}(\ln(w))^3}{v^{3/2}}$	P	AB	E	K
25068	21256	1	$w \frac{\sqrt{1-u^2}}{\sqrt{v}}$	P	AB	E	E
25069	21257	1	$\log\left(\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{v}}\right)$	P	AB	E	L
25070	21258	1	$\arcsin\left(\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{v}}\right)$	P	AB	E	S
25071	21259	1	$\arctan\left(\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{v}}\right)$	P	AB	E	T
25072	21260	1	$\sqrt{\frac{v-(\ln(w))^2+u^2(\ln(w))^2}{v}}$	P	AB	E	P
25073	21260	2	$\sqrt{\frac{v-(\ln(w))^2+u^2(\ln(w))^2}{v}}$	H	AB	E	H
25074	21261	1	$\sqrt{-\frac{-v-(\ln(w))^2+u^2(\ln(w))^2}{v}}$	P	AB	E	H
25075	21261	2	$\sqrt{-\frac{-v-(\ln(w))^2+u^2(\ln(w))^2}{v}}$	H	AB	E	P
25076	21262	1	$\frac{\sqrt{1-u^2}Exp(w)}{\sqrt{v}}$	P	AB	L	CD
25077	21263	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}Exp(w)}$	P	AB	L	CDI
25078	21264	1	$\frac{\sqrt{1-u^2}Exp(w)\pi}{\sqrt{v}}$	P	AB	L	CDF
25079	21265	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}Exp(w)\pi}$	P	AB	L	CDIF
25080	21266	1	$-\frac{(Exp(w))^2(-1+u^2)}{v}$	P	AB	L	AB

25081	21267	1	$\sqrt{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{v}}}$	P	AB	L	R
25082	21268	1	$\frac{(1-u^2)^{3/2} (\text{Exp}(w))^3}{v^{3/2}}$	P	AB	L	K
25083	21269	1	$e^{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{v}}}$	P	AB	L	E
25084	21270	1	$\log\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{v}}\right)$	P	AB	L	L
25085	21271	1	$\arcsin\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{v}}\right)$	P	AB	L	S
25086	21272	1	$\arctan\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{v}}\right)$	P	AB	L	T
25087	21273	1	$\sqrt{\frac{v - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v}}$	P	AB	L	P
25088	21273	2	$\sqrt{\frac{v - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v}}$	H	AB	L	H
25089	21274	1	$\sqrt{-\frac{-v - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v}}$	P	AB	L	H
25090	21274	2	$\sqrt{-\frac{-v - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v}}$	H	AB	L	P
25091	21275	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{v}}$	P	AB	S	CD
25092	21276	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \sin(w)}$	P	AB	S	CDI
25093	21277	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sqrt{v}}$	P	AB	S	CDF
25094	21278	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \sin(w) \pi}$	P	AB	S	CDIF

25095	21279	1	$-\frac{(\sin(w))^2(-1+u^2)}{v}$	P	AB	S	AB
25096	21280	1	$\sqrt{\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{v}}}$	P	AB	S	R
25097	21281	1	$\frac{(1-u^2)^{3/2}(\sin(w))^3}{v^{3/2}}$	P	AB	S	K
25098	21282	1	$e^{\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{v}}}$	P	AB	S	E
25099	21283	1	$\log\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{v}}\right)$	P	AB	S	L
25100	21284	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{v}}\right)$	P	AB	S	S
25101	21285	1	$\arctan\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{v}}\right)$	P	AB	S	T
25102	21286	1	$\sqrt{-\frac{-v+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v}}$	P	AB	S	P
25103	21286	2	$\sqrt{-\frac{-v+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v}}$	H	AB	S	H
25104	21287	1	$\sqrt{\frac{v+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v}}$	P	AB	S	H
25105	21287	2	$\sqrt{\frac{v+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v}}$	H	AB	S	P
25106	21288	1	$\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{v}}$	P	AB	T	CD
25107	21289	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\tan(w)}$	P	AB	T	CDI
25108	21290	1	$\frac{\sqrt{1-u^2}\tan(w)\pi}{\sqrt{v}}$	P	AB	T	CDF

25109	21291	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \tan(w) \pi}$	P	AB	T	CDIF
25110	21292	1	$-\frac{(\tan(w))^2 (-1+u^2)}{v}$	P	AB	T	AB
25111	21293	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{v}}}$	P	AB	T	R
25112	21294	1	$\frac{(1-u^2)^{3/2} (\tan(w))^3}{v^{3/2}}$	P	AB	T	K
25113	21295	1	$e^{\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{v}}}$	P	AB	T	E
25114	21296	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{v}}\right)$	P	AB	T	L
25115	21297	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{v}}\right)$	P	AB	T	S
25116	21298	1	$\arctan\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{v}}\right)$	P	AB	T	T
25117	21299	1	$\sqrt{\frac{v - (\tan(w))^2 + u^2 (\tan(w))^2}{v}}$	P	AB	T	P
25118	21299	2	$\sqrt{\frac{v - (\tan(w))^2 + u^2 (\tan(w))^2}{v}}$	H	AB	T	H
25119	21300	1	$\sqrt{-\frac{-v - (\tan(w))^2 + u^2 (\tan(w))^2}{v}}$	P	AB	T	H
25120	21300	2	$\sqrt{-\frac{-v - (\tan(w))^2 + u^2 (\tan(w))^2}{v}}$	H	AB	T	P
25121	21301	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2}}{\sqrt{v}}$	P	AB	P	CD
25122	21302	1	$\frac{\sqrt{v}}{\sqrt{1-u^2} \sqrt{1-w^2}}$	P	AB	P	CDI

25123	21303	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{\sqrt{v}}$	P	AB	P	CDF
25124	21304	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	AB	P	CDIF
25125	21305	1	$\frac{(-1+u^2)(-1+w^2)}{v}$	P	AB	P	AB
25126	21305	2	$\frac{(-1+u^2)(-1+w^2)}{v}$	H	AB	H	AB
25127	21306	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{v}}}$	P	AB	P	R
25128	21307	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{v^{3/2}}$	P	AB	P	K
25129	21308	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{v}}}$	P	AB	P	E
25130	21309	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	P	AB	P	L
25131	21310	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	P	AB	P	S
25132	21311	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	P	AB	P	T
25133	21312	1	$\sqrt{-\frac{-v-w^2+1+u^2w^2-u^2}{v}}$	P	AB	P	P
25134	21312	2	$\sqrt{-\frac{-v-w^2+1+u^2w^2-u^2}{v}}$	P	AB	H	H
25135	21312	3	$\sqrt{-\frac{-v-w^2+1+u^2w^2-u^2}{v}}$	H	AB	P	H
25136	21312	4	$\sqrt{-\frac{-v-w^2+1+u^2w^2-u^2}{v}}$	H	AB	H	P
25137	21313	1	$\sqrt{\frac{v-w^2+1+u^2w^2-u^2}{v}}$	P	AB	P	H

25138	21313	2	$\sqrt{\frac{v-w^2+1+u^2w^2-u^2}{v}}$	P	AB	H	P
25139	21313	3	$\sqrt{\frac{v-w^2+1+u^2w^2-u^2}{v}}$	H	AB	P	P
25140	21313	4	$\sqrt{\frac{v-w^2+1+u^2w^2-u^2}{v}}$	H	AB	H	H
25141	21314	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}$	P	AB	H	CD
25142	21315	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	AB	H	CDI
25143	21316	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\sqrt{v}}$	P	AB	H	CDF
25144	21317	1	$\frac{\sqrt{v}}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	AB	H	CDIF
25145	21318	1	$-\frac{(-1+u^2)(-1+w^2)}{v}$	P	AB	H	AB
25146	21318	2	$-\frac{(-1+u^2)(-1+w^2)}{v}$	H	AB	P	AB
25147	21319	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}}$	P	AB	H	R
25148	21320	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{v^{3/2}}$	P	AB	H	K
25149	21321	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}}$	P	AB	H	E
25150	21322	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	P	AB	H	L
25151	21323	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	P	AB	H	S
25152	21324	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	P	AB	H	T

25153	21325	1	$\frac{\sqrt{-(u-1)(u+1)}w}{v^2}$	P	R	CD	CD
25154	21325	2	$\frac{\sqrt{-(u-1)(u+1)}w}{v^2}$	P	R	CDF	CDF
25155	21326	1	$\frac{v^2}{\sqrt{1-u^2}w}$	P	R	CD	CDI
25156	21326	2	$\frac{v^2}{\sqrt{1-u^2}w}$	P	R	CDF	CDIF
25157	21327	1	$\frac{\sqrt{-(u-1)(u+1)}w\pi}{v^2}$	P	R	CD	CDF
25158	21328	1	$\frac{v^2}{\sqrt{1-u^2}w\pi}$	P	R	CD	CDIF
25159	21329	1	$-\frac{w^2(-1+u^2)}{v^4}$	P	R	CD	AB
25160	21330	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w}{v^2}}$	P	R	CD	R
25161	21331	1	$\frac{(1-u^2)^{3/2}w^3}{v^6}$	P	R	CD	K
25162	21332	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w}{v^2}}$	P	R	CD	E
25163	21333	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2}\right)$	P	R	CD	L
25164	21334	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2}\right)$	P	R	CD	S
25165	21335	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2}\right)$	P	R	CD	T
25166	21336	1	$\sqrt{\frac{v^4-w^2+u^2w^2}{v^4}}$	P	R	CD	P

25167	21336	2	$\sqrt{\frac{v^4 - w^2 + u^2 w^2}{v^4}}$	H	R	CD	H
25168	21337	1	$\sqrt{-\frac{-v^4 - w^2 + u^2 w^2}{v^4}}$	P	R	CD	H
25169	21337	2	$\sqrt{-\frac{-v^4 - w^2 + u^2 w^2}{v^4}}$	H	R	CD	P
25170	21338	1	$\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}$	P	R	CDI	CD
25171	21338	2	$\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}$	P	R	CDIF	CDF
25172	21339	1	$\frac{v^2 w}{\sqrt{1-u^2}}$	P	R	CDI	CDI
25173	21339	2	$\frac{v^2 w}{\sqrt{1-u^2}}$	P	R	CDIF	CDIF
25174	21340	1	$\frac{\sqrt{-(u-1)(u+1)}\pi}{v^2 w}$	P	R	CDI	CDF
25175	21341	1	$\frac{v^2 w}{\sqrt{1-u^2}\pi}$	P	R	CDI	CDIF
25176	21342	1	$-\frac{-1+u^2}{v^4 w^2}$	P	R	CDI	AB
25177	21343	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}}$	P	R	CDI	R
25178	21344	1	$\frac{(1-u^2)^{3/2}}{v^6 w^3}$	P	R	CDI	K
25179	21345	1	$e^{\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}}$	P	R	CDI	E
25180	21346	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}\right)$	P	R	CDI	L
25181	21347	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2 w}\right)$	P	R	CDI	S

25182	21348	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2w}\right)$	P	R	CDI	T
25183	21349	1	$\sqrt{\frac{v^4w^2-1+u^2}{v^4w^2}}$	P	R	CDI	P
25184	21349	2	$\sqrt{\frac{v^4w^2-1+u^2}{v^4w^2}}$	H	R	CDI	H
25185	21350	1	$\sqrt{-\frac{v^4w^2-1+u^2}{v^4w^2}}$	P	R	CDI	H
25186	21350	2	$\sqrt{-\frac{v^4w^2-1+u^2}{v^4w^2}}$	H	R	CDI	P
25187	21351	1	$\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}$	P	R	CDF	CD
25188	21352	1	$\frac{v^2\pi}{\sqrt{1-u^2}w}$	P	R	CDF	CDI
25189	21353	1	$-\frac{w^2(-1+u^2)}{v^4\pi^2}$	P	R	CDF	AB
25190	21354	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}}$	P	R	CDF	R
25191	21355	1	$\frac{(1-u^2)^{3/2}w^3}{v^6\pi^3}$	P	R	CDF	K
25192	21356	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}}$	P	R	CDF	E
25193	21357	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}\right)$	P	R	CDF	L
25194	21358	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}\right)$	P	R	CDF	S
25195	21359	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w}{v^2\pi}\right)$	P	R	CDF	T

25196	21360	1	$\sqrt{\frac{v^4\pi^2 - w^2 + u^2w^2}{v^4\pi^2}}$	P	R	CDF	P
25197	21360	2	$\sqrt{\frac{v^4\pi^2 - w^2 + u^2w^2}{v^4\pi^2}}$	H	R	CDF	H
25198	21361	1	$\sqrt{-\frac{v^4\pi^2 - w^2 + u^2w^2}{v^4\pi^2}}$	P	R	CDF	H
25199	21361	2	$\sqrt{-\frac{v^4\pi^2 - w^2 + u^2w^2}{v^4\pi^2}}$	H	R	CDF	P
25200	21362	1	$\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}$	P	R	CDIF	CD
25201	21363	1	$\frac{v^2w\pi}{\sqrt{1-u^2}}$	P	R	CDIF	CDI
25202	21364	1	$-\frac{-1+u^2}{v^4w^2\pi^2}$	P	R	CDIF	AB
25203	21365	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}}$	P	R	CDIF	R
25204	21366	1	$\frac{(1-u^2)^{3/2}}{v^6w^3\pi^3}$	P	R	CDIF	K
25205	21367	1	$e^{\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}}$	P	R	CDIF	E
25206	21368	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}\right)$	P	R	CDIF	L
25207	21369	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}\right)$	P	R	CDIF	S
25208	21370	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}}{v^2w\pi}\right)$	P	R	CDIF	T
25209	21371	1	$\sqrt{\frac{v^4w^2\pi^2 - 1 + u^2}{v^4w^2\pi^2}}$	P	R	CDIF	P
25210	21371	2	$\sqrt{\frac{v^4w^2\pi^2 - 1 + u^2}{v^4w^2\pi^2}}$	H	R	CDIF	H

25211	21372	1	$\sqrt{-\frac{-v^4w^2\pi^2-1+u^2}{v^4w^2\pi^2}}$	P	R	CDIF	H
25212	21372	2	$\sqrt{-\frac{-v^4w^2\pi^2-1+u^2}{v^4w^2\pi^2}}$	H	R	CDIF	P
25213	21373	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}$	P	R	AB	CD
25214	21374	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{w}}$	P	R	AB	CDI
25215	21375	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}\pi}{v^2}$	P	R	AB	CDF
25216	21376	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	R	AB	CDIF
25217	21377	1	$-\frac{w(-1+u^2)}{v^4}$	P	R	AB	AB
25218	21378	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}}$	P	R	AB	R
25219	21379	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{v^6}$	P	R	AB	K
25220	21380	1	$e^{\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}}$	P	R	AB	E
25221	21381	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	P	R	AB	L
25222	21382	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	P	R	AB	S
25223	21383	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	P	R	AB	T
25224	21384	1	$\sqrt{\frac{v^4-w+u^2w}{v^4}}$	P	R	AB	P

25225	21384	2	$\sqrt{\frac{v^4 - w + u^2 w}{v^4}}$	H	R	AB	H
25226	21385	1	$\sqrt{-\frac{-v^4 - w + u^2 w}{v^4}}$	P	R	AB	H
25227	21385	2	$\sqrt{-\frac{-v^4 - w + u^2 w}{v^4}}$	H	R	AB	P
25228	21386	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}$	P	R	R	CD
25229	21387	1	$\frac{v^2}{\sqrt{1-u^2 w^2}}$	P	R	R	CDI
25230	21388	1	$\frac{\sqrt{-(u-1)(u+1)}w^2 \pi}{v^2}$	P	R	R	CDF
25231	21389	1	$\frac{v^2}{\sqrt{1-u^2 w^2} \pi}$	P	R	R	CDIF
25232	21390	1	$-\frac{w^4(-1+u^2)}{v^4}$	P	R	R	AB
25233	21391	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}}$	P	R	R	R
25234	21392	1	$\frac{(1-u^2)^{3/2} w^6}{v^6}$	P	R	R	K
25235	21393	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}}$	P	R	R	E
25236	21394	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}\right)$	P	R	R	L
25237	21395	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}\right)$	P	R	R	S
25238	21396	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{v^2}\right)$	P	R	R	T

25239	21397	1	$\sqrt{\frac{v^4 - w^4 + u^2 w^4}{v^4}}$	P	R	R	P
25240	21397	2	$\sqrt{\frac{v^4 - w^4 + u^2 w^4}{v^4}}$	H	R	R	H
25241	21398	1	$\sqrt{-\frac{v^4 - w^4 + u^2 w^4}{v^4}}$	P	R	R	H
25242	21398	2	$\sqrt{-\frac{v^4 - w^4 + u^2 w^4}{v^4}}$	H	R	R	P
25243	21399	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}$	P	R	K	CD
25244	21400	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	R	K	CDI
25245	21401	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}\pi}{v^2}$	P	R	K	CDF
25246	21402	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	R	K	CDIF
25247	21403	1	$-\frac{(-1+u^2)w^{2/3}}{v^4}$	P	R	K	AB
25248	21404	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}}$	P	R	K	R
25249	21405	1	$\frac{(1-u^2)^{3/2}w}{v^6}$	P	R	K	K
25250	21406	1	$e^{\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}}$	P	R	K	E
25251	21407	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	P	R	K	L
25252	21408	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	P	R	K	S

25253	21409	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	P	R	K	T
25254	21410	1	$\sqrt{\frac{v^4 - w^{2/3} + u^2 w^{2/3}}{v^4}}$	P	R	K	P
25255	21410	2	$\sqrt{\frac{v^4 - w^{2/3} + u^2 w^{2/3}}{v^4}}$	H	R	K	H
25256	21411	1	$\sqrt{-\frac{v^4 - w^{2/3} + u^2 w^{2/3}}{v^4}}$	P	R	K	H
25257	21411	2	$\sqrt{-\frac{v^4 - w^{2/3} + u^2 w^{2/3}}{v^4}}$	H	R	K	P
25258	21412	1	$\frac{\sqrt{-(u-1)(u+1)}\ln(w)}{v^2}$	P	R	E	CD
25259	21413	1	$\frac{v^2}{\sqrt{1-u^2}\ln(w)}$	P	R	E	CDI
25260	21414	1	$\frac{\sqrt{-(u-1)(u+1)}\ln(w)\pi}{v^2}$	P	R	E	CDF
25261	21415	1	$\frac{v^2}{\sqrt{1-u^2}\ln(w)\pi}$	P	R	E	CDIF
25262	21416	1	$-\frac{(\ln(w))^2(-1+u^2)}{v^4}$	P	R	E	AB
25263	21417	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}\ln(w)}{v^2}}$	P	R	E	R
25264	21418	1	$\frac{(1-u^2)^{3/2}(\ln(w))^3}{v^6}$	P	R	E	K
25265	21419	1	$w\frac{\sqrt{1-u^2}}{v^2}$	P	R	E	E
25266	21420	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\ln(w)}{v^2}\right)$	P	R	E	L

25267	21421	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\ln(w)}{v^2}\right)$	P	R	E	S
25268	21422	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\ln(w)}{v^2}\right)$	P	R	E	T
25269	21423	1	$\sqrt{\frac{v^4 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^4}}$	P	R	E	P
25270	21423	2	$\sqrt{\frac{v^4 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^4}}$	H	R	E	H
25271	21424	1	$\sqrt{-\frac{v^4 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^4}}$	P	R	E	H
25272	21424	2	$\sqrt{-\frac{v^4 - (\ln(w))^2 + u^2 (\ln(w))^2}{v^4}}$	H	R	E	P
25273	21425	1	$\frac{\sqrt{-(u-1)(u+1)}Exp(w)}{v^2}$	P	R	L	CD
25274	21426	1	$\frac{v^2}{\sqrt{1-u^2}Exp(w)}$	P	R	L	CDI
25275	21427	1	$\frac{\sqrt{-(u-1)(u+1)}Exp(w)\pi}{v^2}$	P	R	L	CDF
25276	21428	1	$\frac{v^2}{\sqrt{1-u^2}Exp(w)\pi}$	P	R	L	CDIF
25277	21429	1	$-\frac{(Exp(w))^2(-1+u^2)}{v^4}$	P	R	L	AB
25278	21430	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}Exp(w)}{v^2}}$	P	R	L	R
25279	21431	1	$\frac{(1-u^2)^{3/2}(Exp(w))^3}{v^6}$	P	R	L	K
25280	21432	1	$e^{\frac{\sqrt{-(u-1)(u+1)}Exp(w)}{v^2}}$	P	R	L	E

25281	21433	1	$\log \left(\frac{\sqrt{-(u-1)(u+1)} \operatorname{Exp}(w)}{v^2} \right)$	P	R	L	L
25282	21434	1	$\arcsin \left(\frac{\sqrt{-(u-1)(u+1)} \operatorname{Exp}(w)}{v^2} \right)$	P	R	L	S
25283	21435	1	$\arctan \left(\frac{\sqrt{-(u-1)(u+1)} \operatorname{Exp}(w)}{v^2} \right)$	P	R	L	T
25284	21436	1	$\sqrt{\frac{v^4 - (\operatorname{Exp}(w))^2 + u^2 (\operatorname{Exp}(w))^2}{v^4}}$	P	R	L	P
25285	21436	2	$\sqrt{\frac{v^4 - (\operatorname{Exp}(w))^2 + u^2 (\operatorname{Exp}(w))^2}{v^4}}$	H	R	L	H
25286	21437	1	$\sqrt{-\frac{v^4 - (\operatorname{Exp}(w))^2 + u^2 (\operatorname{Exp}(w))^2}{v^4}}$	P	R	L	H
25287	21437	2	$\sqrt{-\frac{v^4 - (\operatorname{Exp}(w))^2 + u^2 (\operatorname{Exp}(w))^2}{v^4}}$	H	R	L	P
25288	21438	1	$\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}$	P	R	S	CD
25289	21439	1	$\frac{v^2}{\sqrt{1-u^2} \sin(w)}$	P	R	S	CDI
25290	21440	1	$\frac{\sqrt{-(u-1)(u+1)} \sin(w) \pi}{v^2}$	P	R	S	CDF
25291	21441	1	$\frac{v^2}{\sqrt{1-u^2} \sin(w) \pi}$	P	R	S	CDIF
25292	21442	1	$-\frac{(\sin(w))^2 (-1+u^2)}{v^4}$	P	R	S	AB
25293	21443	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}}$	P	R	S	R
25294	21444	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{v^6}$	P	R	S	K

25295	21445	1	$e^{\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}}$	P	R	S	E
25296	21446	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}\right)$	P	R	S	L
25297	21447	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}\right)$	P	R	S	S
25298	21448	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)} \sin(w)}{v^2}\right)$	P	R	S	T
25299	21449	1	$\sqrt{-\frac{-v^4+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^4}}$	P	R	S	P
25300	21449	2	$\sqrt{-\frac{-v^4+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^4}}$	H	R	S	H
25301	21450	1	$\sqrt{\frac{v^4+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^4}}$	P	R	S	H
25302	21450	2	$\sqrt{\frac{v^4+1-u^2-(\cos(w))^2+u^2(\cos(w))^2}{v^4}}$	H	R	S	P
25303	21451	1	$\frac{\sqrt{-(u-1)(u+1)} \tan(w)}{v^2}$	P	R	T	CD
25304	21452	1	$\frac{v^2}{\sqrt{1-u^2} \tan(w)}$	P	R	T	CDI
25305	21453	1	$\frac{\sqrt{-(u-1)(u+1)} \tan(w) \pi}{v^2}$	P	R	T	CDF
25306	21454	1	$\frac{v^2}{\sqrt{1-u^2} \tan(w) \pi}$	P	R	T	CDIF
25307	21455	1	$-\frac{(\tan(w))^2(-1+u^2)}{v^4}$	P	R	T	AB
25308	21456	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)} \tan(w)}{v^2}}$	P	R	T	R

25309	21457	1	$\frac{(1-u^2)^{3/2}(\tan(w))^3}{v^6}$	P	R	T	K
25310	21458	1	$e^{\frac{\sqrt{-(u-1)(u+1)}\tan(w)}{v^2}}$	P	R	T	E
25311	21459	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\tan(w)}{v^2}\right)$	P	R	T	L
25312	21460	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\tan(w)}{v^2}\right)$	P	R	T	S
25313	21461	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\tan(w)}{v^2}\right)$	P	R	T	T
25314	21462	1	$\sqrt{\frac{v^4-(\tan(w))^2+u^2(\tan(w))^2}{v^4}}$	P	R	T	P
25315	21462	2	$\sqrt{\frac{v^4-(\tan(w))^2+u^2(\tan(w))^2}{v^4}}$	H	R	T	H
25316	21463	1	$\sqrt{-\frac{v^4-(\tan(w))^2+u^2(\tan(w))^2}{v^4}}$	P	R	T	H
25317	21463	2	$\sqrt{-\frac{v^4-(\tan(w))^2+u^2(\tan(w))^2}{v^4}}$	H	R	T	P
25318	21464	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}$	P	R	P	CD
25319	21465	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{1-w^2}}$	P	R	P	CDI
25320	21466	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}\pi}{v^2}$	P	R	P	CDF
25321	21467	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	R	P	CDIF
25322	21468	1	$\frac{(-1+u^2)(-1+w^2)}{v^4}$	P	R	P	AB

25323	21468	2	$\frac{(-1+u^2)(-1+w^2)}{v^4}$	H	R	H	AB
25324	21469	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}}$	P	R	P	R
25325	21470	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{v^6}$	P	R	P	K
25326	21471	1	$e^{\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}}$	P	R	P	E
25327	21472	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	P	R	P	L
25328	21473	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	P	R	P	S
25329	21474	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	P	R	P	T
25330	21475	1	$\sqrt{-\frac{-v^4-w^2+1+u^2w^2-u^2}{v^4}}$	P	R	P	P
25331	21475	2	$\sqrt{-\frac{-v^4-w^2+1+u^2w^2-u^2}{v^4}}$	P	R	H	H
25332	21475	3	$\sqrt{-\frac{-v^4-w^2+1+u^2w^2-u^2}{v^4}}$	H	R	P	H
25333	21475	4	$\sqrt{-\frac{-v^4-w^2+1+u^2w^2-u^2}{v^4}}$	H	R	H	P
25334	21476	1	$\sqrt{\frac{v^4-w^2+1+u^2w^2-u^2}{v^4}}$	P	R	P	H
25335	21476	2	$\sqrt{\frac{v^4-w^2+1+u^2w^2-u^2}{v^4}}$	P	R	H	P
25336	21476	3	$\sqrt{\frac{v^4-w^2+1+u^2w^2-u^2}{v^4}}$	H	R	P	P
25337	21476	4	$\sqrt{\frac{v^4-w^2+1+u^2w^2-u^2}{v^4}}$	H	R	H	H

25338	21477	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}$	$\mathbf{P}$	R	H	CD
25339	21478	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	R	H	CDI
25340	21479	1	$\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}\pi}{v^2}$	$\mathbf{P}$	R	H	CDF
25341	21480	1	$\frac{v^2}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	R	H	CDIF
25342	21481	1	$-\frac{(-1+u^2)(-1+w^2)}{v^4}$	P	R	H	AB
25343	21481	2	$-\frac{(-1+u^2)(-1+w^2)}{v^4}$	H	R	P	AB
25344	21482	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}}$	$\mathbf{P}$	R	H	R
25345	21483	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{v^6}$	P	R	H	K
25346	21484	1	$e^{\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}}$	P	R	H	E
25347	21485	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}\right)$	$\mathbf{P}$	R	H	L
25348	21486	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}\right)$	$\mathbf{P}$	R	H	S
25349	21487	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}\right)$	$\mathbf{P}$	R	H	T
25350	21488	1	$\frac{\sqrt{1-u^2}w}{\sqrt[3]{v}}$	P	K	CD	CD
25351	21488	2	$\frac{\sqrt{1-u^2}w}{\sqrt[3]{v}}$	P	K	CDF	CDF
25352	21489	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}w}$	P	K	CD	CDI

25353	21489	2	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2w}}$	P	K	CDF	CDIF
25354	21490	1	$\frac{\sqrt{1-u^2w}\pi}{\sqrt[3]{v}}$	P	K	CD	CDF
25355	21491	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2w}\pi}$	P	K	CD	CDIF
25356	21492	1	$-\frac{(-1+u^2)w^2}{v^{2/3}}$	P	K	CD	AB
25357	21493	1	$\sqrt{\frac{\sqrt{1-u^2w}}{\sqrt[3]{v}}}$	P	K	CD	R
25358	21494	1	$\frac{(1-u^2)^{3/2}w^3}{v}$	P	K	CD	K
25359	21495	1	$e^{\frac{\sqrt{1-u^2w}}{\sqrt[3]{v}}}$	P	K	CD	E
25360	21496	1	$\log\left(\frac{\sqrt{1-u^2w}}{\sqrt[3]{v}}\right)$	P	K	CD	L
25361	21497	1	$\arcsin\left(\frac{\sqrt{1-u^2w}}{\sqrt[3]{v}}\right)$	P	K	CD	S
25362	21498	1	$\arctan\left(\frac{\sqrt{1-u^2w}}{\sqrt[3]{v}}\right)$	P	K	CD	T
25363	21499	1	$\sqrt{\frac{v^{2/3}-w^2+u^2w^2}{v^{2/3}}}$	P	K	CD	P
25364	21499	2	$\sqrt{\frac{v^{2/3}-w^2+u^2w^2}{v^{2/3}}}$	H	K	CD	H
25365	21500	1	$\sqrt{-\frac{v^{2/3}-w^2+u^2w^2}{v^{2/3}}}$	P	K	CD	H
25366	21500	2	$\sqrt{-\frac{v^{2/3}-w^2+u^2w^2}{v^{2/3}}}$	H	K	CD	P

25367	21501	1	$\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}$	P	K	CDI	CD
25368	21502	1	$\frac{\sqrt[3]{vw}}{\sqrt{1-u^2}}$	P	K	CDI	CDI
25369	21502	2	$\frac{\sqrt[3]{vw}}{\sqrt{1-u^2}}$	P	K	CDIF	CDIF
25370	21503	1	$\frac{\sqrt{1-u^2}\pi}{\sqrt[3]{vw}}$	P	K	CDI	CDF
25371	21504	1	$\frac{\sqrt[3]{vw}}{\sqrt{1-u^2}\pi}$	P	K	CDI	CDIF
25372	21505	1	$-\frac{-1+u^2}{v^{2/3}w^2}$	P	K	CDI	AB
25373	21506	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}}$	P	K	CDI	R
25374	21507	1	$\frac{(1-u^2)^{3/2}}{vw^3}$	P	K	CDI	K
25375	21508	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}}$	P	K	CDI	E
25376	21509	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}\right)$	P	K	CDI	L
25377	21510	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}\right)$	P	K	CDI	S
25378	21511	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw}}\right)$	P	K	CDI	T
25379	21512	1	$\sqrt{\frac{v^{2/3}w^2-1+u^2}{v^{2/3}w^2}}$	P	K	CDI	P
25380	21512	2	$\sqrt{\frac{v^{2/3}w^2-1+u^2}{v^{2/3}w^2}}$	H	K	CDI	H
25381	21513	1	$\sqrt{-\frac{v^{2/3}w^2-1+u^2}{v^{2/3}w^2}}$	P	K	CDI	H

25382	21513	2	$\sqrt{-\frac{v^{2/3}w^2 - 1 + u^2}{v^{2/3}w^2}}$	H	K	CDI	P
25383	21514	1	$\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}$	P	K	CDF	CD
25384	21515	1	$\frac{\sqrt[3]{v}\pi}{\sqrt{1 - u^2}w}$	P	K	CDF	CDI
25385	21516	1	$-\frac{(-1 + u^2)w^2}{v^{2/3}\pi^2}$	P	K	CDF	AB
25386	21517	1	$\sqrt{\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}}$	P	K	CDF	R
25387	21518	1	$\frac{(1 - u^2)^{3/2}w^3}{v\pi^3}$	P	K	CDF	K
25388	21519	1	$e^{\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}}$	P	K	CDF	E
25389	21520	1	$\log\left(\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}\right)$	P	K	CDF	L
25390	21521	1	$\arcsin\left(\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}\right)$	P	K	CDF	S
25391	21522	1	$\arctan\left(\frac{\sqrt{1 - u^2}w}{\sqrt[3]{v}\pi}\right)$	P	K	CDF	T
25392	21523	1	$\sqrt{\frac{v^{2/3}\pi^2 - w^2 + u^2w^2}{v^{2/3}\pi^2}}$	P	K	CDF	P
25393	21523	2	$\sqrt{\frac{v^{2/3}\pi^2 - w^2 + u^2w^2}{v^{2/3}\pi^2}}$	H	K	CDF	H
25394	21524	1	$\sqrt{-\frac{v^{2/3}\pi^2 - w^2 + u^2w^2}{v^{2/3}\pi^2}}$	P	K	CDF	H
25395	21524	2	$\sqrt{-\frac{v^{2/3}\pi^2 - w^2 + u^2w^2}{v^{2/3}\pi^2}}$	H	K	CDF	P

25396	21525	1	$\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}$	P	K	CDIF	CD
25397	21526	1	$\frac{\sqrt[3]{vw\pi}}{\sqrt{1-u^2}}$	P	K	CDIF	CDI
25398	21527	1	$\frac{\sqrt{-(u-1)(u+1)}}{\sqrt[3]{vw}}$	P	K	CDIF	CDF
25399	21528	1	$-\frac{-1+u^2}{v^{2/3}w^2\pi^2}$	P	K	CDIF	AB
25400	21529	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}}$	P	K	CDIF	R
25401	21530	1	$\frac{(1-u^2)^{3/2}}{vw^3\pi^3}$	P	K	CDIF	K
25402	21531	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}}$	P	K	CDIF	E
25403	21532	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}\right)$	P	K	CDIF	L
25404	21533	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}\right)$	P	K	CDIF	S
25405	21534	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt[3]{vw\pi}}\right)$	P	K	CDIF	T
25406	21535	1	$\sqrt{\frac{v^{2/3}w^2\pi^2-1+u^2}{v^{2/3}w^2\pi^2}}$	P	K	CDIF	P
25407	21535	2	$\sqrt{\frac{v^{2/3}w^2\pi^2-1+u^2}{v^{2/3}w^2\pi^2}}$	H	K	CDIF	H
25408	21536	1	$\sqrt{-\frac{-v^{2/3}w^2\pi^2-1+u^2}{v^{2/3}w^2\pi^2}}$	P	K	CDIF	H
25409	21536	2	$\sqrt{-\frac{-v^{2/3}w^2\pi^2-1+u^2}{v^{2/3}w^2\pi^2}}$	H	K	CDIF	P

25410	21537	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}$	P	K	AB	CD
25411	21538	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\sqrt{w}}$	P	K	AB	CDI
25412	21539	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\sqrt[3]{v}}$	P	K	AB	CDF
25413	21540	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	K	AB	CDIF
25414	21541	1	$-\frac{(-1+u^2)w}{v^{2/3}}$	P	K	AB	AB
25415	21542	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}}$	P	K	AB	R
25416	21543	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{v}$	P	K	AB	K
25417	21544	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}}$	P	K	AB	E
25418	21545	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	P	K	AB	L
25419	21546	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	P	K	AB	S
25420	21547	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	P	K	AB	T
25421	21548	1	$\sqrt{\frac{v^{2/3}-w+u^2w}{v^{2/3}}}$	P	K	AB	P
25422	21548	2	$\sqrt{\frac{v^{2/3}-w+u^2w}{v^{2/3}}}$	H	K	AB	H
25423	21549	1	$\sqrt{-\frac{v^{2/3}-w+u^2w}{v^{2/3}}}$	P	K	AB	H
25424	21549	2	$\sqrt{-\frac{v^{2/3}-w+u^2w}{v^{2/3}}}$	H	K	AB	P

25425	21550	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}$	P	K	R	CD
25426	21551	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2w^2}}$	P	K	R	CDI
25427	21552	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\sqrt[3]{v}}$	P	K	R	CDF
25428	21553	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2w^2}\pi}$	P	K	R	CDIF
25429	21554	1	$-\frac{(-1+u^2)w^4}{v^{2/3}}$	P	K	R	AB
25430	21555	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}}$	P	K	R	R
25431	21556	1	$\frac{(1-u^2)^{3/2}w^6}{v}$	P	K	R	K
25432	21557	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}}$	P	K	R	E
25433	21558	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	P	K	R	L
25434	21559	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	P	K	R	S
25435	21560	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	P	K	R	T
25436	21561	1	$\sqrt{\frac{v^{2/3}-w^4+u^2w^4}{v^{2/3}}}$	P	K	R	P
25437	21561	2	$\sqrt{\frac{v^{2/3}-w^4+u^2w^4}{v^{2/3}}}$	H	K	R	H
25438	21562	1	$\sqrt{-\frac{v^{2/3}-w^4+u^2w^4}{v^{2/3}}}$	P	K	R	H

25439	21562	2	$\sqrt{-\frac{v^{2/3} - w^4 + u^2 w^4}{v^{2/3}}}$	H	K	R	P
25440	21563	1	$\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}$	P	K	K	CD
25441	21564	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sqrt[3]{w}}$	P	K	K	CDI
25442	21565	1	$\frac{\sqrt{1-u^2} \sqrt[3]{w} \pi}{\sqrt[3]{v}}$	P	K	K	CDF
25443	21566	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sqrt[3]{w} \pi}$	P	K	K	CDIF
25444	21567	1	$-\frac{(-1+u^2) w^{2/3}}{v^{2/3}}$	P	K	K	AB
25445	21568	1	$\sqrt{\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}}$	P	K	K	R
25446	21569	1	$\frac{(1-u^2)^{3/2} w}{v}$	P	K	K	K
25447	21570	1	$e^{\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}}$	P	K	K	E
25448	21571	1	$\log\left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	P	K	K	L
25449	21572	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	P	K	K	S
25450	21573	1	$\arctan\left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt[3]{v}}\right)$	P	K	K	T
25451	21574	1	$\sqrt{\frac{v^{2/3} - w^{2/3} + u^2 w^{2/3}}{v^{2/3}}}$	P	K	K	P
25452	21574	2	$\sqrt{\frac{v^{2/3} - w^{2/3} + u^2 w^{2/3}}{v^{2/3}}}$	H	K	K	H

25453	21575	1	$\sqrt{-\frac{-v^{2/3} - w^{2/3} + u^2 w^{2/3}}{v^{2/3}}}$	P	K	K	H
25454	21575	2	$\sqrt{-\frac{-v^{2/3} - w^{2/3} + u^2 w^{2/3}}{v^{2/3}}}$	H	K	K	P
25455	21576	1	$\frac{\sqrt{1-u^2} \ln(w)}{\sqrt[3]{v}}$	P	K	E	CD
25456	21577	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \ln(w)}$	P	K	E	CDI
25457	21578	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\sqrt[3]{v}}$	P	K	E	CDF
25458	21579	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \ln(w) \pi}$	P	K	E	CDIF
25459	21580	1	$-\frac{(-1+u^2)(\ln(w))^2}{v^{2/3}}$	P	K	E	AB
25460	21581	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\sqrt[3]{v}}}$	P	K	E	R
25461	21582	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{v}$	P	K	E	K
25462	21583	1	$w^{\frac{\sqrt{1-u^2}}{\sqrt[3]{v}}}$	P	K	E	E
25463	21584	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt[3]{v}}\right)$	P	K	E	L
25464	21585	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt[3]{v}}\right)$	P	K	E	S
25465	21586	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt[3]{v}}\right)$	P	K	E	T
25466	21587	1	$\sqrt{\frac{v^{2/3} - (\ln(w))^2 + u^2 (\ln(w))^2}{v^{2/3}}}$	P	K	E	P

25467	21587	2	$\sqrt{\frac{v^{2/3} - (\ln(w))^2 + u^2 (\ln(w))^2}{v^{2/3}}}$	H	K	E	H
25468	21588	1	$\sqrt{-\frac{-v^{2/3} - (\ln(w))^2 + u^2 (\ln(w))^2}{v^{2/3}}}$	~~P~~	K	E	H
25469	21588	2	$\sqrt{-\frac{-v^{2/3} - (\ln(w))^2 + u^2 (\ln(w))^2}{v^{2/3}}}$	~~H~~	K	E	P
25470	21589	1	$\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}$	P	K	L	CD
25471	21590	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \text{Exp}(w)}$	P	K	L	CDI
25472	21591	1	$\frac{\sqrt{1-u^2} \text{Exp}(w) \pi}{\sqrt[3]{v}}$	P	K	L	CDF
25473	21592	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \text{Exp}(w) \pi}$	P	K	L	CDIF
25474	21593	1	$-\frac{(-1+u^2) (\text{Exp}(w))^2}{v^{2/3}}$	P	K	L	AB
25475	21594	1	$\sqrt{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}}$	P	K	L	R
25476	21595	1	$\frac{(1-u^2)^{3/2} (\text{Exp}(w))^3}{v}$	P	K	L	K
25477	21596	1	$e^{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}}$	P	K	L	E
25478	21597	1	$\log\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}\right)$	P	K	L	L
25479	21598	1	$\arcsin\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}\right)$	P	K	L	S
25480	21599	1	$\arctan\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt[3]{v}}\right)$	P	K	L	T

25481	21600	1	$\sqrt{\frac{v^{2/3} - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^{2/3}}}$	P	K	L	P
25482	21600	2	$\sqrt{\frac{v^{2/3} - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^{2/3}}}$	H	K	L	H
25483	21601	1	$\sqrt{-\frac{-v^{2/3} - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^{2/3}}}$	P	K	L	H
25484	21601	2	$\sqrt{-\frac{-v^{2/3} - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{v^{2/3}}}$	H	K	L	P
25485	21602	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sqrt[3]{v}}$	P	K	S	CD
25486	21603	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sin(w)}$	P	K	S	CDI
25487	21604	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sqrt[3]{v}}$	P	K	S	CDF
25488	21605	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sin(w) \pi}$	P	K	S	CDIF
25489	21606	1	$-\frac{(-1+u^2) (\sin(w))^2}{v^{2/3}}$	P	K	S	AB
25490	21607	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{\sqrt[3]{v}}}$	P	K	S	R
25491	21608	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{v}$	P	K	S	K
25492	21609	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{\sqrt[3]{v}}}$	P	K	S	E
25493	21610	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{\sqrt[3]{v}}\right)$	P	K	S	L
25494	21611	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{\sqrt[3]{v}}\right)$	P	K	S	S

25495	21612	1	$\arctan\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt[3]{v}}\right)$	P	K	S	T
25496	21613	1	$\sqrt{-\frac{-v^{2/3}-(\cos(w))^2+1+u^2(\cos(w))^2-u^2}{v^{2/3}}}$	P	K	S	P
25497	21613	2	$\sqrt{-\frac{-v^{2/3}-(\cos(w))^2+1+u^2(\cos(w))^2-u^2}{v^{2/3}}}$	H	K	S	H
25498	21614	1	$\sqrt{\frac{v^{2/3}-(\cos(w))^2+1+u^2(\cos(w))^2-u^2}{v^{2/3}}}$	P	K	S	H
25499	21614	2	$\sqrt{\frac{v^{2/3}-(\cos(w))^2+1+u^2(\cos(w))^2-u^2}{v^{2/3}}}$	H	K	S	P
25500	21615	1	$\frac{\sqrt{1-u^2}\tan(w)}{\sqrt[3]{v}}$	P	K	T	CD
25501	21616	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\tan(w)}$	P	K	T	CDI
25502	21617	1	$\frac{\sqrt{1-u^2}\tan(w)\pi}{\sqrt[3]{v}}$	P	K	T	CDF
25503	21618	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\tan(w)\pi}$	P	K	T	CDIF
25504	21619	1	$-\frac{(-1+u^2)(\tan(w))^2}{v^{2/3}}$	P	K	T	AB
25505	21620	1	$\sqrt{\frac{\sqrt{1-u^2}\tan(w)}{\sqrt[3]{v}}}$	P	K	T	R
25506	21621	1	$\frac{(1-u^2)^{3/2}(\tan(w))^3}{v}$	P	K	T	K
25507	21622	1	$e^{\frac{\sqrt{1-u^2}\tan(w)}{\sqrt[3]{v}}}$	P	K	T	E
25508	21623	1	$\log\left(\frac{\sqrt{1-u^2}\tan(w)}{\sqrt[3]{v}}\right)$	P	K	T	L

25509	21624	1	$\arcsin \left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt[3]{v}} \right)$	P	K	T	S
25510	21625	1	$\arctan \left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt[3]{v}} \right)$	P	K	T	T
25511	21626	1	$\sqrt{\frac{v^{2/3} - (\tan(w))^2 + u^2 (\tan(w))^2}{v^{2/3}}}$	$\mathbf{P}$	K	T	P
25512	21626	2	$\sqrt{\frac{v^{2/3} - (\tan(w))^2 + u^2 (\tan(w))^2}{v^{2/3}}}$	$\mathbf{H}$	K	T	H
25513	21627	1	$\sqrt{-\frac{v^{2/3} - (\tan(w))^2 + u^2 (\tan(w))^2}{v^{2/3}}}$	$\mathbf{P}$	K	T	H
25514	21627	2	$\sqrt{-\frac{v^{2/3} - (\tan(w))^2 + u^2 (\tan(w))^2}{v^{2/3}}}$	$\mathbf{H}$	K	T	P
25515	21628	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2}}{\sqrt[3]{v}}$	P	K	P	CD
25516	21629	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sqrt{1-w^2}}$	P	K	P	CDI
25517	21630	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2} \pi}{\sqrt[3]{v}}$	P	K	P	CDF
25518	21631	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2} \sqrt{1-w^2} \pi}$	P	K	P	CDIF
25519	21632	1	$\frac{(-1+u^2)(-1+w^2)}{v^{2/3}}$	P	K	P	AB
25520	21632	2	$\frac{(-1+u^2)(-1+w^2)}{v^{2/3}}$	H	K	H	AB
25521	21633	1	$\sqrt{\frac{\sqrt{1-u^2} \sqrt{1-w^2}}{\sqrt[3]{v}}}$	P	K	P	R
25522	21634	1	$\frac{(1-u^2)^{3/2} (1-w^2)^{3/2}}{v}$	P	K	P	K

25523	21635	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	P	K	P	E
25524	21636	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	P	K	P	L
25525	21637	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	P	K	P	S
25526	21638	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	P	K	P	T
25527	21639	1	$\sqrt{-\frac{-v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	P	K	P	P
25528	21639	2	$\sqrt{-\frac{-v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	P	K	H	H
25529	21639	3	$\sqrt{-\frac{-v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	H	K	P	H
25530	21639	4	$\sqrt{-\frac{-v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	H	K	H	P
25531	21640	1	$\sqrt{\frac{v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	P	K	P	H
25532	21640	2	$\sqrt{\frac{v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	P	K	H	P
25533	21640	3	$\sqrt{\frac{v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	H	K	P	P
25534	21640	4	$\sqrt{\frac{v^{2/3}-w^2+1+u^2w^2-u^2}{v^{2/3}}}$	H	K	H	H
25535	21641	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}$	P	K	H	CD
25536	21642	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	K	H	CDI
25537	21643	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	P	K	H	CDF

25538	21644	1	$\frac{\sqrt[3]{v}}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	K	H	CDIF
25539	21645	1	$-\frac{(-1+u^2)(-1+w^2)}{v^{2/3}}$	P	K	H	AB
25540	21645	2	$-\frac{(-1+u^2)(-1+w^2)}{v^{2/3}}$	H	K	P	AB
25541	21646	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	P	K	H	R
25542	21647	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{v}$	P	K	H	K
25543	21648	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	P	K	H	E
25544	21649	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	P	K	H	L
25545	21650	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	P	K	H	S
25546	21651	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	P	K	H	T
25547	21652	1	$\frac{\sqrt{1-u^2}w}{\ln(v)}$	P	E	CD	CD
25548	21652	2	$\frac{\sqrt{1-u^2}w}{\ln(v)}$	P	E	CDF	CDF
25549	21653	1	$\frac{\ln(v)}{\sqrt{1-u^2}w}$	P	E	CD	CDI
25550	21653	2	$\frac{\ln(v)}{\sqrt{1-u^2}w}$	P	E	CDF	CDIF
25551	21654	1	$\frac{\sqrt{1-u^2}w\pi}{\ln(v)}$	P	E	CD	CDF
25552	21655	1	$\frac{\ln(v)}{\sqrt{1-u^2}w\pi}$	P	E	CD	CDIF

25553	21656	1	$-\frac{w^2(-1+u^2)}{(\ln(v))^2}$	P	E	CD	AB
25554	21657	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\ln(v)}}$	P	E	CD	R
25555	21658	1	$\frac{(1-u^2)^{3/2}w^3}{(\ln(v))^3}$	P	E	CD	K
25556	21659	1	$e^{\frac{\sqrt{1-u^2}w}{\ln(v)}}$	P	E	CD	E
25557	21660	1	$\log\left(\frac{\sqrt{1-u^2}w}{\ln(v)}\right)$	P	E	CD	L
25558	21661	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\ln(v)}\right)$	P	E	CD	S
25559	21662	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\ln(v)}\right)$	P	E	CD	T
25560	21663	1	$\sqrt{\frac{(\ln(v))^2-w^2+u^2w^2}{(\ln(v))^2}}$	P	E	CD	P
25561	21663	2	$\sqrt{\frac{(\ln(v))^2-w^2+u^2w^2}{(\ln(v))^2}}$	H	E	CD	H
25562	21664	1	$\sqrt{-\frac{(\ln(v))^2-w^2+u^2w^2}{(\ln(v))^2}}$	P	E	CD	H
25563	21664	2	$\sqrt{-\frac{(\ln(v))^2-w^2+u^2w^2}{(\ln(v))^2}}$	H	E	CD	P
25564	21665	1	$\frac{\sqrt{1-u^2}}{\ln(v)w}$	P	E	CDI	CD
25565	21666	1	$\frac{\ln(v)w}{\sqrt{1-u^2}}$	P	E	CDI	CDI
25566	21666	2	$\frac{\ln(v)w}{\sqrt{1-u^2}}$	P	E	CDIF	CDIF

25567	21667	1	$\frac{\sqrt{1-u^2}\pi}{\ln(v)w}$	P	E	CDI	CDF
25568	21668	1	$\frac{\ln(v)w}{\sqrt{1-u^2}\pi}$	P	E	CDI	CDIF
25569	21669	1	$-\frac{-1+u^2}{(\ln(v))^2w^2}$	P	E	CDI	AB
25570	21670	1	$\sqrt{\frac{\sqrt{1-u^2}}{\ln(v)w}}$	P	E	CDI	R
25571	21671	1	$\frac{(1-u^2)^{3/2}}{(\ln(v))^3w^3}$	P	E	CDI	K
25572	21672	1	$e^{\frac{\sqrt{1-u^2}}{\ln(v)w}}$	P	E	CDI	E
25573	21673	1	$\log\left(\frac{\sqrt{1-u^2}}{\ln(v)w}\right)$	P	E	CDI	L
25574	21674	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\ln(v)w}\right)$	P	E	CDI	S
25575	21675	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\ln(v)w}\right)$	P	E	CDI	T
25576	21676	1	$\sqrt{\frac{(\ln(v))^2w^2-1+u^2}{(\ln(v))^2w^2}}$	P	E	CDI	P
25577	21676	2	$\sqrt{\frac{(\ln(v))^2w^2-1+u^2}{(\ln(v))^2w^2}}$	H	E	CDI	H
25578	21677	1	$\sqrt{-\frac{(\ln(v))^2w^2-1+u^2}{(\ln(v))^2w^2}}$	P	E	CDI	H
25579	21677	2	$\sqrt{-\frac{(\ln(v))^2w^2-1+u^2}{(\ln(v))^2w^2}}$	H	E	CDI	P
25580	21678	1	$\frac{\sqrt{1-u^2}w}{\ln(v)\pi}$	P	E	CDF	CD

25581	21679	1	$\frac{\ln(v) \pi}{\sqrt{1-u^2} w}$	P	E	CDF	CDI
25582	21680	1	$-\frac{w^2 (-1+u^2)}{(\ln(v))^2 \pi^2}$	P	E	CDF	AB
25583	21681	1	$\sqrt{\frac{\sqrt{1-u^2} w}{\ln(v) \pi}}$	P	E	CDF	R
25584	21682	1	$\frac{(1-u^2)^{3/2} w^3}{(\ln(v))^3 \pi^3}$	P	E	CDF	K
25585	21683	1	$e^{\frac{\sqrt{1-u^2} w}{\ln(v) \pi}}$	P	E	CDF	E
25586	21684	1	$\log\left(\frac{\sqrt{1-u^2} w}{\ln(v) \pi}\right)$	P	E	CDF	L
25587	21685	1	$\arcsin\left(\frac{\sqrt{1-u^2} w}{\ln(v) \pi}\right)$	P	E	CDF	S
25588	21686	1	$\arctan\left(\frac{\sqrt{1-u^2} w}{\ln(v) \pi}\right)$	P	E	CDF	T
25589	21687	1	$\sqrt{\frac{(\ln(v))^2 \pi^2 - w^2 + u^2 w^2}{(\ln(v))^2 \pi^2}}$	P	E	CDF	P
25590	21687	2	$\sqrt{\frac{(\ln(v))^2 \pi^2 - w^2 + u^2 w^2}{(\ln(v))^2 \pi^2}}$	H	E	CDF	H
25591	21688	1	$\sqrt{-\frac{(\ln(v))^2 \pi^2 - w^2 + u^2 w^2}{(\ln(v))^2 \pi^2}}$	P	E	CDF	H
25592	21688	2	$\sqrt{-\frac{(\ln(v))^2 \pi^2 - w^2 + u^2 w^2}{(\ln(v))^2 \pi^2}}$	H	E	CDF	P
25593	21689	1	$\frac{\sqrt{1-u^2}}{\ln(v) w \pi}$	P	E	CDIF	CD
25594	21690	1	$\frac{\ln(v) w \pi}{\sqrt{1-u^2}}$	P	E	CDIF	CDI

25595	21691	1	$\frac{\sqrt{-(u-1)(u+1)}}{\ln(v)w}$	P	E	CDIF	CDF
25596	21692	1	$-\frac{-1+u^2}{(\ln(v))^2 w^2 \pi^2}$	P	E	CDIF	AB
25597	21693	1	$\sqrt{\frac{\sqrt{1-u^2}}{\ln(v)w\pi}}$	P	E	CDIF	R
25598	21694	1	$\frac{(1-u^2)^{3/2}}{(\ln(v))^3 w^3 \pi^3}$	P	E	CDIF	K
25599	21695	1	$e^{\frac{\sqrt{1-u^2}}{\ln(v)w\pi}}$	P	E	CDIF	E
25600	21696	1	$\log\left(\frac{\sqrt{1-u^2}}{\ln(v)w\pi}\right)$	P	E	CDIF	L
25601	21697	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\ln(v)w\pi}\right)$	P	E	CDIF	S
25602	21698	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\ln(v)w\pi}\right)$	P	E	CDIF	T
25603	21699	1	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 - 1 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	P	E	CDIF	P
25604	21699	2	$\sqrt{\frac{(\ln(v))^2 w^2 \pi^2 - 1 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	H	E	CDIF	H
25605	21700	1	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 - 1 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	P	E	CDIF	H
25606	21700	2	$\sqrt{-\frac{(\ln(v))^2 w^2 \pi^2 - 1 + u^2}{(\ln(v))^2 w^2 \pi^2}}$	H	E	CDIF	P
25607	21701	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}$	P	E	AB	CD
25608	21702	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{w}}$	P	E	AB	CDI

25609	21703	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\ln(v)}$	P	E	AB	CDF
25610	21704	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	E	AB	CDIF
25611	21705	1	$-\frac{w(-1+u^2)}{(\ln(v))^2}$	P	E	AB	AB
25612	21706	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}}$	P	E	AB	R
25613	21707	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(\ln(v))^3}$	P	E	AB	K
25614	21708	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}}$	P	E	AB	E
25615	21709	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}\right)$	P	E	AB	L
25616	21710	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}\right)$	P	E	AB	S
25617	21711	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\ln(v)}\right)$	P	E	AB	T
25618	21712	1	$\sqrt{\frac{(\ln(v))^2-w+u^2w}{(\ln(v))^2}}$	P	E	AB	P
25619	21712	2	$\sqrt{\frac{(\ln(v))^2-w+u^2w}{(\ln(v))^2}}$	H	E	AB	H
25620	21713	1	$\sqrt{-\frac{(\ln(v))^2-w+u^2w}{(\ln(v))^2}}$	P	E	AB	H
25621	21713	2	$\sqrt{-\frac{(\ln(v))^2-w+u^2w}{(\ln(v))^2}}$	H	E	AB	P
25622	21714	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}$	P	E	R	CD

25623	21715	1	$\frac{\ln(v)}{\sqrt{1-u^2}w^2}$	P	E	R	CDI
25624	21716	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\ln(v)}$	P	E	R	CDF
25625	21717	1	$\frac{\ln(v)}{\sqrt{1-u^2}w^2\pi}$	P	E	R	CDIF
25626	21718	1	$-\frac{w^4(-1+u^2)}{(\ln(v))^2}$	P	E	R	AB
25627	21719	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}}$	P	E	R	R
25628	21720	1	$\frac{(1-u^2)^{3/2}w^6}{(\ln(v))^3}$	P	E	R	K
25629	21721	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}}$	P	E	R	E
25630	21722	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}\right)$	P	E	R	L
25631	21723	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}\right)$	P	E	R	S
25632	21724	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\ln(v)}\right)$	P	E	R	T
25633	21725	1	$\sqrt{\frac{(\ln(v))^2-w^4+u^2w^4}{(\ln(v))^2}}$	P	E	R	P
25634	21725	2	$\sqrt{\frac{(\ln(v))^2-w^4+u^2w^4}{(\ln(v))^2}}$	H	E	R	H
25635	21726	1	$\sqrt{-\frac{(\ln(v))^2-w^4+u^2w^4}{(\ln(v))^2}}$	P	E	R	H
25636	21726	2	$\sqrt{-\frac{(\ln(v))^2-w^4+u^2w^4}{(\ln(v))^2}}$	H	E	R	P

25637	21727	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}$	P	E	K	CD
25638	21728	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	E	K	CDI
25639	21729	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\ln(v)}$	P	E	K	CDF
25640	21730	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	E	K	CDIF
25641	21731	1	$-\frac{(-1+u^2)w^{2/3}}{(\ln(v))^2}$	P	E	K	AB
25642	21732	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}}$	P	E	K	R
25643	21733	1	$\frac{(1-u^2)^{3/2}w}{(\ln(v))^3}$	P	E	K	K
25644	21734	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}}$	P	E	K	E
25645	21735	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}\right)$	P	E	K	L
25646	21736	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}\right)$	P	E	K	S
25647	21737	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\ln(v)}\right)$	P	E	K	T
25648	21738	1	$\sqrt{\frac{(\ln(v))^2 - w^{2/3} + u^2w^{2/3}}{(\ln(v))^2}}$	P	E	K	P
25649	21738	2	$\sqrt{\frac{(\ln(v))^2 - w^{2/3} + u^2w^{2/3}}{(\ln(v))^2}}$	H	E	K	H
25650	21739	1	$\sqrt{-\frac{(\ln(v))^2 - w^{2/3} + u^2w^{2/3}}{(\ln(v))^2}}$	P	E	K	H

25651	21739	2	$\sqrt{-\frac{-(\ln(v))^2 - w^{2/3} + u^2 w^{2/3}}{(\ln(v))^2}}$	H	E	K	P
25652	21740	1	$\frac{\sqrt{1-u^2} \ln(w)}{\ln(v)}$	P	E	E	CD
25653	21741	1	$\frac{\ln(v)}{\sqrt{1-u^2} \ln(w)}$	P	E	E	CDI
25654	21742	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\ln(v)}$	P	E	E	CDF
25655	21743	1	$\frac{\ln(v)}{\sqrt{1-u^2} \ln(w) \pi}$	P	E	E	CDIF
25656	21744	1	$-\frac{(\ln(w))^2 (-1+u^2)}{(\ln(v))^2}$	P	E	E	AB
25657	21745	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\ln(v)}}$	P	E	E	R
25658	21746	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(\ln(v))^3}$	P	E	E	K
25659	21747	1	$w^{\frac{\sqrt{1-u^2}}{\ln(v)}}$	P	E	E	E
25660	21748	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\ln(v)}\right)$	P	E	E	L
25661	21749	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\ln(v)}\right)$	P	E	E	S
25662	21750	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\ln(v)}\right)$	P	E	E	T
25663	21751	1	$\sqrt{\frac{(\ln(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	~~P~~	E	E	P
25664	21751	2	$\sqrt{\frac{(\ln(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	~~H~~	E	E	H

25665	21752	1	$\sqrt{-\frac{-(\ln(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	P	E	E	H
25666	21752	2	$\sqrt{-\frac{-(\ln(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\ln(v))^2}}$	H	E	E	P
25667	21753	1	$\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}$	P	E	L	CD
25668	21754	1	$\frac{\ln(v)}{\sqrt{1-u^2} \text{Exp}(w)}$	P	E	L	CDI
25669	21755	1	$\frac{\sqrt{1-u^2} \text{Exp}(w) \pi}{\ln(v)}$	P	E	L	CDF
25670	21756	1	$\frac{\ln(v)}{\sqrt{1-u^2} \text{Exp}(w) \pi}$	P	E	L	CDIF
25671	21757	1	$-\frac{(\text{Exp}(w))^2 (-1+u^2)}{(\ln(v))^2}$	P	E	L	AB
25672	21758	1	$\sqrt{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}}$	P	E	L	R
25673	21759	1	$\frac{(1-u^2)^{3/2} (\text{Exp}(w))^3}{(\ln(v))^3}$	P	E	L	K
25674	21760	1	$e^{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}}$	P	E	L	E
25675	21761	1	$\log\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}\right)$	P	E	L	L
25676	21762	1	$\arcsin\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}\right)$	P	E	L	S
25677	21763	1	$\arctan\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\ln(v)}\right)$	P	E	L	T
25678	21764	1	$\sqrt{\frac{(\ln(v))^2 - (\text{Exp}(w))^2 + u^2 (\text{Exp}(w))^2}{(\ln(v))^2}}$	P	E	L	P

25679	21764	2	$\sqrt{\frac{(\ln(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(\ln(v))^2}}$	~~H~~	E	L	H
25680	21765	1	$\sqrt{-\frac{-(\ln(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(\ln(v))^2}}$	~~P~~	~~E~~	L	H
25681	21765	2	$\sqrt{-\frac{-(\ln(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(\ln(v))^2}}$	~~H~~	~~E~~	L	P
25682	21766	1	$\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}$	P	E	S	CD
25683	21767	1	$\frac{\ln(v)}{\sqrt{1-u^2} \sin(w)}$	P	E	S	CDI
25684	21768	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\ln(v)}$	P	E	S	CDF
25685	21769	1	$\frac{\ln(v)}{\sqrt{1-u^2} \sin(w) \pi}$	P	E	S	CDIF
25686	21770	1	$-\frac{(\sin(w))^2 (-1+u^2)}{(\ln(v))^2}$	P	E	S	AB
25687	21771	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}}$	P	E	S	R
25688	21772	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{(\ln(v))^3}$	P	E	S	K
25689	21773	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}}$	P	E	S	E
25690	21774	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}\right)$	P	E	S	L
25691	21775	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}\right)$	P	E	S	S
25692	21776	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w)}{\ln(v)}\right)$	P	E	S	T

25693	21777	1	$\sqrt{-\frac{-(\ln(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	P	E	S	P
25694	21777	2	$\sqrt{-\frac{-(\ln(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	H	E	S	H
25695	21778	1	$\sqrt{\frac{(\ln(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	P	E	S	H
25696	21778	2	$\sqrt{\frac{(\ln(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\ln(v))^2}}$	H	E	S	P
25697	21779	1	$\frac{\sqrt{1-u^2} \tan(w)}{\ln(v)}$	P	E	T	CD
25698	21780	1	$\frac{\ln(v)}{\sqrt{1-u^2} \tan(w)}$	P	E	T	CDI
25699	21781	1	$\frac{\sqrt{1-u^2} \tan(w) \pi}{\ln(v)}$	P	E	T	CDF
25700	21782	1	$\frac{\ln(v)}{\sqrt{1-u^2} \tan(w) \pi}$	P	E	T	CDIF
25701	21783	1	$-\frac{(\tan(w))^2 (-1+u^2)}{(\ln(v))^2}$	P	E	T	AB
25702	21784	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w)}{\ln(v)}}$	P	E	T	R
25703	21785	1	$\frac{(1-u^2)^{3/2} (\tan(w))^3}{(\ln(v))^3}$	P	E	T	K
25704	21786	1	$e^{\frac{\sqrt{1-u^2} \tan(w)}{\ln(v)}}$	P	E	T	E
25705	21787	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w)}{\ln(v)}\right)$	P	E	T	L
25706	21788	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w)}{\ln(v)}\right)$	P	E	T	S

25707	21789	1	$\arctan\left(\frac{\sqrt{1-u^2}\tan(w)}{\ln(v)}\right)$	P	E	T	T
25708	21790	1	$\sqrt{\frac{(\ln(v))^2 - (\tan(w))^2 + u^2(\tan(w))^2}{(\ln(v))^2}}$	~~P~~	E	T	P
25709	21790	2	$\sqrt{\frac{(\ln(v))^2 - (\tan(w))^2 + u^2(\tan(w))^2}{(\ln(v))^2}}$	~~H~~	E	T	H
25710	21791	1	$\sqrt{-\frac{(\ln(v))^2 - (\tan(w))^2 + u^2(\tan(w))^2}{(\ln(v))^2}}$	~~P~~	~~E~~	T	H
25711	21791	2	$\sqrt{-\frac{(\ln(v))^2 - (\tan(w))^2 + u^2(\tan(w))^2}{(\ln(v))^2}}$	~~H~~	~~E~~	T	P
25712	21792	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)}$	P	E	P	CD
25713	21793	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{1-w^2}}$	P	E	P	CDI
25714	21794	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{\ln(v)}$	P	E	P	CDF
25715	21795	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	E	P	CDIF
25716	21796	1	$\frac{(-1+u^2)(-1+w^2)}{(\ln(v))^2}$	P	E	P	AB
25717	21796	2	$\frac{(-1+u^2)(-1+w^2)}{(\ln(v))^2}$	H	E	H	AB
25718	21797	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)}}$	P	E	P	R
25719	21798	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(\ln(v))^3}$	P	E	P	K
25720	21799	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)}}$	P	E	P	E

25721	21800	1	$\log \left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)} \right)$	P	E	P	L
25722	21801	1	$\arcsin \left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)} \right)$	P	E	P	S
25723	21802	1	$\arctan \left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\ln(v)} \right)$	P	E	P	T
25724	21803	1	$\sqrt{-\frac{-(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	P	E	P	P
25725	21803	2	$\sqrt{-\frac{-(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	P	E	H	H
25726	21803	3	$\sqrt{-\frac{-(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	H	E	P	H
25727	21803	4	$\sqrt{-\frac{-(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	H	E	H	P
25728	21804	1	$\sqrt{\frac{(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	P	E	P	H
25729	21804	2	$\sqrt{\frac{(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	P	E	H	P
25730	21804	3	$\sqrt{\frac{(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	H	E	P	P
25731	21804	4	$\sqrt{\frac{(\ln(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\ln(v))^2}}$	H	E	H	H
25732	21805	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}$	P	E	H	CD
25733	21806	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	E	H	CDI
25734	21807	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\ln(v)}$	P	E	H	CDF
25735	21808	1	$\frac{\ln(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	E	H	CDIF

25736	21809	1	$-\frac{(-1+u^2)(-1+w^2)}{(\ln(v))^2}$	P	E	H	AB
25737	21809	2	$-\frac{(-1+u^2)(-1+w^2)}{(\ln(v))^2}$	H	E	P	AB
25738	21810	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}}$	P	E	H	R
25739	21811	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(\ln(v))^3}$	P	E	H	K
25740	21812	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}}$	P	E	H	E
25741	21813	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	P	E	H	L
25742	21814	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	P	E	H	S
25743	21815	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	P	E	H	T
25744	21816	1	$\frac{\sqrt{1-u^2}w}{Exp(v)}$	P	L	CD	CD
25745	21817	1	$\frac{Exp(v)}{\sqrt{1-u^2}w}$	P	L	CD	CDI
25746	21817	2	$\frac{Exp(v)}{\sqrt{1-u^2}w}$	P	L	CDF	CDIF
25747	21818	1	$\frac{\sqrt{1-u^2}w\pi}{Exp(v)}$	P	L	CD	CDF
25748	21819	1	$\frac{Exp(v)}{\sqrt{1-u^2}w\pi}$	P	L	CD	CDIF
25749	21820	1	$-\frac{w^2(-1+u^2)}{(Exp(v))^2}$	P	L	CD	AB

25750	21821	1	$\sqrt{\frac{\sqrt{1-u^2}w}{Exp(v)}}$	P	L	CD	R
25751	21822	1	$\frac{(1-u^2)^{3/2}w^3}{(Exp(v))^3}$	P	L	CD	K
25752	21823	1	$e^{\frac{\sqrt{1-u^2}w}{Exp(v)}}$	P	L	CD	E
25753	21824	1	$\log\left(\frac{\sqrt{1-u^2}w}{Exp(v)}\right)$	P	L	CD	L
25754	21825	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{Exp(v)}\right)$	P	L	CD	S
25755	21826	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{Exp(v)}\right)$	P	L	CD	T
25756	21827	1	$\sqrt{\frac{(Exp(v))^2 - w^2 + u^2w^2}{(Exp(v))^2}}$	P	L	CD	P
25757	21827	2	$\sqrt{\frac{(Exp(v))^2 - w^2 + u^2w^2}{(Exp(v))^2}}$	H	L	CD	H
25758	21828	1	$\sqrt{-\frac{(Exp(v))^2 - w^2 + u^2w^2}{(Exp(v))^2}}$	P	L	CD	H
25759	21828	2	$\sqrt{-\frac{(Exp(v))^2 - w^2 + u^2w^2}{(Exp(v))^2}}$	H	L	CD	P
25760	21829	1	$\frac{\sqrt{1-u^2}}{Exp(v)w}$	P	L	CDI	CD
25761	21829	2	$\frac{\sqrt{1-u^2}}{Exp(v)w}$	P	L	CDIF	CDF
25762	21830	1	$\frac{Exp(v)w}{\sqrt{1-u^2}}$	P	L	CDI	CDI
25763	21830	2	$\frac{Exp(v)w}{\sqrt{1-u^2}}$	P	L	CDIF	CDIF
25764	21831	1	$\frac{\sqrt{1-u^2}\pi}{Exp(v)w}$	P	L	CDI	CDF

25765	21832	1	$\frac{Exp(v) w}{\sqrt{1-u^2}\pi}$	P	L	CDI	CDIF
25766	21833	1	$-\frac{-1+u^2}{(Exp(v))^2 w^2}$	P	L	CDI	AB
25767	21834	1	$\sqrt{\frac{\sqrt{1-u^2}}{Exp(v) w}}$	P	L	CDI	R
25768	21835	1	$\frac{(1-u^2)^{3/2}}{(Exp(v))^3 w^3}$	P	L	CDI	K
25769	21836	1	$e^{\frac{\sqrt{1-u^2}}{Exp(v) w}}$	P	L	CDI	E
25770	21837	1	$\log\left(\frac{\sqrt{1-u^2}}{Exp(v) w}\right)$	P	L	CDI	L
25771	21838	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{Exp(v) w}\right)$	P	L	CDI	S
25772	21839	1	$\arctan\left(\frac{\sqrt{1-u^2}}{Exp(v) w}\right)$	P	L	CDI	T
25773	21840	1	$\sqrt{\frac{(Exp(v))^2 w^2 - 1 + u^2}{(Exp(v))^2 w^2}}$	P	L	CDI	P
25774	21840	2	$\sqrt{\frac{(Exp(v))^2 w^2 - 1 + u^2}{(Exp(v))^2 w^2}}$	H	L	CDI	H
25775	21841	1	$\sqrt{-\frac{(Exp(v))^2 w^2 - 1 + u^2}{(Exp(v))^2 w^2}}$	P	L	CDI	H
25776	21841	2	$\sqrt{-\frac{(Exp(v))^2 w^2 - 1 + u^2}{(Exp(v))^2 w^2}}$	H	L	CDI	P
25777	21842	1	$\frac{\sqrt{1-u^2} w}{Exp(v) \pi}$	P	L	CDF	CD
25778	21843	1	$\frac{Exp(v) \pi}{\sqrt{1-u^2} w}$	P	L	CDF	CDI

25779	21844	1	$\frac{\sqrt{-(u-1)(u+1)}w}{Exp(v)}$	P	L	CDF	CDF
25780	21845	1	$-\frac{w^2(-1+u^2)}{(Exp(v))^2\pi^2}$	P	L	CDF	AB
25781	21846	1	$\sqrt{\frac{\sqrt{1-u^2}w}{Exp(v)\pi}}$	P	L	CDF	R
25782	21847	1	$\frac{(1-u^2)^{3/2}w^3}{(Exp(v))^3\pi^3}$	P	L	CDF	K
25783	21848	1	$e^{\frac{\sqrt{1-u^2}w}{Exp(v)\pi}}$	P	L	CDF	E
25784	21849	1	$\log\left(\frac{\sqrt{1-u^2}w}{Exp(v)\pi}\right)$	P	L	CDF	L
25785	21850	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{Exp(v)\pi}\right)$	P	L	CDF	S
25786	21851	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{Exp(v)\pi}\right)$	P	L	CDF	T
25787	21852	1	$\sqrt{\frac{(Exp(v))^2\pi^2-w^2+u^2w^2}{(Exp(v))^2\pi^2}}$	P	L	CDF	P
25788	21852	2	$\sqrt{\frac{(Exp(v))^2\pi^2-w^2+u^2w^2}{(Exp(v))^2\pi^2}}$	H	L	CDF	H
25789	21853	1	$\sqrt{-\frac{(Exp(v))^2\pi^2-w^2+u^2w^2}{(Exp(v))^2\pi^2}}$	P	L	CDF	H
25790	21853	2	$\sqrt{-\frac{(Exp(v))^2\pi^2-w^2+u^2w^2}{(Exp(v))^2\pi^2}}$	H	L	CDF	P
25791	21854	1	$\frac{\sqrt{1-u^2}}{Exp(v)w\pi}$	P	L	CDIF	CD
25792	21855	1	$\frac{Exp(v)w\pi}{\sqrt{1-u^2}}$	P	L	CDIF	CDI

25793	21856	1	$-\frac{-1+u^2}{(Exp(v))^2 w^2 \pi^2}$	P	L	CDIF	AB
25794	21857	1	$\sqrt{\frac{\sqrt{1-u^2}}{Exp(v) w \pi}}$	P	L	CDIF	R
25795	21858	1	$\frac{(1-u^2)^{3/2}}{(Exp(v))^3 w^3 \pi^3}$	P	L	CDIF	K
25796	21859	1	$e^{\frac{\sqrt{1-u^2}}{Exp(v) w \pi}}$	P	L	CDIF	E
25797	21860	1	$\log\left(\frac{\sqrt{1-u^2}}{Exp(v) w \pi}\right)$	P	L	CDIF	L
25798	21861	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{Exp(v) w \pi}\right)$	P	L	CDIF	S
25799	21862	1	$\arctan\left(\frac{\sqrt{1-u^2}}{Exp(v) w \pi}\right)$	P	L	CDIF	T
25800	21863	1	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - 1 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	P	L	CDIF	P
25801	21863	2	$\sqrt{\frac{(Exp(v))^2 w^2 \pi^2 - 1 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	H	L	CDIF	H
25802	21864	1	$\sqrt{-\frac{(Exp(v))^2 w^2 \pi^2 - 1 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	P	L	CDIF	H
25803	21864	2	$\sqrt{-\frac{(Exp(v))^2 w^2 \pi^2 - 1 + u^2}{(Exp(v))^2 w^2 \pi^2}}$	H	L	CDIF	P
25804	21865	1	$\frac{\sqrt{1-u^2} \sqrt{w}}{Exp(v)}$	P	L	AB	CD
25805	21866	1	$\frac{Exp(v)}{\sqrt{1-u^2} \sqrt{w}}$	P	L	AB	CDI
25806	21867	1	$\frac{\sqrt{1-u^2} \sqrt{w} \pi}{Exp(v)}$	P	L	AB	CDF

25807	21868	1	$\frac{Exp(v)}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	L	AB	CDIF
25808	21869	1	$-\frac{w(-1+u^2)}{(Exp(v))^2}$	P	L	AB	AB
25809	21870	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{Exp(v)}}$	P	L	AB	R
25810	21871	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(Exp(v))^3}$	P	L	AB	K
25811	21872	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{Exp(v)}}$	P	L	AB	E
25812	21873	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{Exp(v)}\right)$	P	L	AB	L
25813	21874	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{Exp(v)}\right)$	P	L	AB	S
25814	21875	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{Exp(v)}\right)$	P	L	AB	T
25815	21876	1	$\sqrt{\frac{(Exp(v))^2-w+u^2w}{(Exp(v))^2}}$	P	L	AB	P
25816	21876	2	$\sqrt{\frac{(Exp(v))^2-w+u^2w}{(Exp(v))^2}}$	H	L	AB	H
25817	21877	1	$\sqrt{-\frac{(Exp(v))^2-w+u^2w}{(Exp(v))^2}}$	P	L	AB	H
25818	21877	2	$\sqrt{-\frac{(Exp(v))^2-w+u^2w}{(Exp(v))^2}}$	H	L	AB	P
25819	21878	1	$\frac{\sqrt{-(u-1)(u+1)w^2}}{Exp(v)}$	P	L	R	CD
25820	21879	1	$\frac{Exp(v)}{\sqrt{1-u^2}w^2}$	P	L	R	CDI

25821	21880	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{Exp(v)}$	P	L	R	CDF
25822	21881	1	$\frac{Exp(v)}{\sqrt{1-u^2}w^2\pi}$	P	L	R	CDIF
25823	21882	1	$-\frac{w^4(-1+u^2)}{(Exp(v))^2}$	P	L	R	AB
25824	21883	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{Exp(v)}}$	P	L	R	R
25825	21884	1	$\frac{(1-u^2)^{3/2}w^6}{(Exp(v))^3}$	P	L	R	K
25826	21885	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{Exp(v)}}$	P	L	R	E
25827	21886	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{Exp(v)}\right)$	P	L	R	L
25828	21887	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{Exp(v)}\right)$	P	L	R	S
25829	21888	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{Exp(v)}\right)$	P	L	R	T
25830	21889	1	$\sqrt{\frac{(Exp(v))^2-w^4+u^2w^4}{(Exp(v))^2}}$	P	L	R	P
25831	21889	2	$\sqrt{\frac{(Exp(v))^2-w^4+u^2w^4}{(Exp(v))^2}}$	H	L	R	H
25832	21890	1	$\sqrt{-\frac{(Exp(v))^2-w^4+u^2w^4}{(Exp(v))^2}}$	P	L	R	H
25833	21890	2	$\sqrt{-\frac{(Exp(v))^2-w^4+u^2w^4}{(Exp(v))^2}}$	H	L	R	P
25834	21891	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}$	P	L	K	CD

25835	21892	1	$\frac{Exp(v)}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	L	K	CDI
25836	21893	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{Exp(v)}$	P	L	K	CDF
25837	21894	1	$\frac{Exp(v)}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	L	K	CDIF
25838	21895	1	$-\frac{(-1+u^2)w^{2/3}}{(Exp(v))^2}$	P	L	K	AB
25839	21896	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}}$	P	L	K	R
25840	21897	1	$\frac{(1-u^2)^{3/2}w}{(Exp(v))^3}$	P	L	K	K
25841	21898	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}}$	P	L	K	E
25842	21899	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}\right)$	P	L	K	L
25843	21900	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}\right)$	P	L	K	S
25844	21901	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{Exp(v)}\right)$	P	L	K	T
25845	21902	1	$\sqrt{\frac{(Exp(v))^2-w^{2/3}+u^2w^{2/3}}{(Exp(v))^2}}$	P	L	K	P
25846	21902	2	$\sqrt{\frac{(Exp(v))^2-w^{2/3}+u^2w^{2/3}}{(Exp(v))^2}}$	H	L	K	H
25847	21903	1	$\sqrt{-\frac{(Exp(v))^2-w^{2/3}+u^2w^{2/3}}{(Exp(v))^2}}$	P	L	K	H
25848	21903	2	$\sqrt{-\frac{(Exp(v))^2-w^{2/3}+u^2w^{2/3}}{(Exp(v))^2}}$	H	L	K	P

25849	21904	1	$\frac{\sqrt{1-u^2} \ln(w)}{\text{Exp}(v)}$	P	L	E	CD
25850	21905	1	$\frac{\text{Exp}(v)}{\sqrt{1-u^2} \ln(w)}$	P	L	E	CDI
25851	21906	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\text{Exp}(v)}$	P	L	E	CDF
25852	21907	1	$\frac{\text{Exp}(v)}{\sqrt{1-u^2} \ln(w) \pi}$	P	L	E	CDIF
25853	21908	1	$-\frac{(\ln(w))^2 (-1+u^2)}{(\text{Exp}(v))^2}$	P	L	E	AB
25854	21909	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\text{Exp}(v)}}$	P	L	E	R
25855	21910	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(\text{Exp}(v))^3}$	P	L	E	K
25856	21911	1	$w^{\frac{\sqrt{1-u^2}}{\text{Exp}(v)}}$	P	L	E	E
25857	21912	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\text{Exp}(v)}\right)$	P	L	E	L
25858	21913	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\text{Exp}(v)}\right)$	P	L	E	S
25859	21914	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\text{Exp}(v)}\right)$	P	L	E	T
25860	21915	1	$\sqrt{\frac{(\text{Exp}(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	P	L	E	P
25861	21915	2	$\sqrt{\frac{(\text{Exp}(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	H	L	E	H
25862	21916	1	$\sqrt{-\frac{(\text{Exp}(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\text{Exp}(v))^2}}$	P	L	E	H

25863	21916	2	$\sqrt{-\frac{(Exp(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(Exp(v))^2}}$	H	L	E	P
25864	21917	1	$\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}$	P	L	L	CD
25865	21918	1	$\frac{Exp(v)}{\sqrt{1-u^2} Exp(w)}$	P	L	L	CDI
25866	21919	1	$\frac{\sqrt{1-u^2} Exp(w) \pi}{Exp(v)}$	P	L	L	CDF
25867	21920	1	$\frac{Exp(v)}{\sqrt{1-u^2} Exp(w) \pi}$	P	L	L	CDIF
25868	21921	1	$-\frac{(Exp(w))^2 (-1+u^2)}{(Exp(v))^2}$	P	L	L	AB
25869	21922	1	$\sqrt{\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}}$	P	L	L	R
25870	21923	1	$\frac{(1-u^2)^{3/2} (Exp(w))^3}{(Exp(v))^3}$	P	L	L	K
25871	21924	1	$e^{\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}}$	P	L	L	E
25872	21925	1	$\log\left(\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}\right)$	P	L	L	L
25873	21926	1	$\arcsin\left(\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}\right)$	P	L	L	S
25874	21927	1	$\arctan\left(\frac{\sqrt{1-u^2} Exp(w)}{Exp(v)}\right)$	P	L	L	T
25875	21928	1	$\sqrt{\frac{(Exp(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	P	L	L	P
25876	21928	2	$\sqrt{\frac{(Exp(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	H	L	L	H

25877	21929	1	$\sqrt{-\frac{(Exp(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	P	L	H
25878	21929	2	$\sqrt{-\frac{(Exp(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(Exp(v))^2}}$	H	L	P
25879	21930	1	$\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}$	P	L	CD
25880	21931	1	$\frac{Exp(v)}{\sqrt{1-u^2} \sin(w)}$	P	L	CDI
25881	21932	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{Exp(v)}$	P	L	CDF
25882	21933	1	$\frac{Exp(v)}{\sqrt{1-u^2} \sin(w) \pi}$	P	L	CDIF
25883	21934	1	$-\frac{(\sin(w))^2 (-1+u^2)}{(Exp(v))^2}$	P	L	AB
25884	21935	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}}$	P	L	R
25885	21936	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{(Exp(v))^3}$	P	L	K
25886	21937	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}}$	P	L	E
25887	21938	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}\right)$	P	L	L
25888	21939	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}\right)$	P	L	S
25889	21940	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w)}{Exp(v)}\right)$	P	L	T
25890	21941	1	$\sqrt{-\frac{(Exp(v))^2 + 1 - (\cos(w))^2}{(Exp(v))^2} u^2 + u^2 (\cos(w))^2}$	P	L	S

25891	21941	2	$\sqrt{\frac{-(Exp(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(Exp(v))^2}}$	H	L	S	H
25892	21942	1	$\sqrt{\frac{(Exp(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(Exp(v))^2}}$	P	L	S	H
25893	21942	2	$\sqrt{\frac{(Exp(v))^2 + 1 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(Exp(v))^2}}$	H	L	S	P
25894	21943	1	$\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}$	P	L	T	CD
25895	21944	1	$\frac{Exp(v)}{\sqrt{1-u^2} \tan(w)}$	P	L	T	CDI
25896	21945	1	$\frac{\sqrt{1-u^2} \tan(w) \pi}{Exp(v)}$	P	L	T	CDF
25897	21946	1	$\frac{Exp(v)}{\sqrt{1-u^2} \tan(w) \pi}$	P	L	T	CDIF
25898	21947	1	$-\frac{(\tan(w))^2 (-1+u^2)}{(Exp(v))^2}$	P	L	T	AB
25899	21948	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}}$	P	L	T	R
25900	21949	1	$\frac{(1-u^2)^{3/2} (\tan(w))^3}{(Exp(v))^3}$	P	L	T	K
25901	21950	1	$e^{\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}}$	P	L	T	E
25902	21951	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}\right)$	P	L	T	L
25903	21952	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}\right)$	P	L	T	S
25904	21953	1	$\arctan\left(\frac{\sqrt{1-u^2} \tan(w)}{Exp(v)}\right)$	P	L	T	T

25905	21954	1	$\sqrt{\frac{(Exp(v))^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	$\frac{P}{L}$	T	P
25906	21954	2	$\sqrt{\frac{(Exp(v))^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	$\frac{H}{L}$	T	H
25907	21955	1	$\sqrt{-\frac{(Exp(v))^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	$\frac{P}{L}$	T	H
25908	21955	2	$\sqrt{-\frac{(Exp(v))^2 - (\tan(w))^2 + u^2 (\tan(w))^2}{(Exp(v))^2}}$	$\frac{H}{L}$	T	P
25909	21956	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{Exp(v)}$	$\frac{P}{L}$	P	CD
25910	21957	1	$\frac{Exp(v)}{\sqrt{1-u^2}\sqrt{1-w^2}}$	$\frac{P}{L}$	P	CDI
25911	21958	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{Exp(v)}$	$\frac{P}{L}$	P	CDF
25912	21959	1	$\frac{Exp(v)}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	$\frac{P}{L}$	P	CDIF
25913	21960	1	$\frac{(-1+u^2)(-1+w^2)}{(Exp(v))^2}$	$\frac{P}{L}$	P	AB
25914	21960	2	$\frac{(-1+u^2)(-1+w^2)}{(Exp(v))^2}$	$\frac{H}{L}$	H	AB
25915	21961	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{Exp(v)}}$	$\frac{P}{L}$	P	R
25916	21962	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(Exp(v))^3}$	$\frac{P}{L}$	P	K
25917	21963	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{Exp(v)}}$	$\frac{P}{L}$	P	E
25918	21964	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{Exp(v)}\right)$	$\frac{P}{L}$	P	L

25919	21965	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\text{Exp}(v)}\right)$	P	L	P	S
25920	21966	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\text{Exp}(v)}\right)$	P	L	P	T
25921	21967	1	$\sqrt{-\frac{-(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~P~~	L	P	P
25922	21967	2	$\sqrt{-\frac{-(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~P~~	L	H	H
25923	21967	3	$\sqrt{-\frac{-(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~H~~	L	P	H
25924	21967	4	$\sqrt{-\frac{-(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~H~~	L	H	P
25925	21968	1	$\sqrt{\frac{(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~P~~	L	P	H
25926	21968	2	$\sqrt{\frac{(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~P~~	L	H	P
25927	21968	3	$\sqrt{\frac{(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~H~~	L	P	P
25928	21968	4	$\sqrt{\frac{(\text{Exp}(v))^2 - w^2 + 1 + u^2w^2 - u^2}{(\text{Exp}(v))^2}}$	~~H~~	L	H	H
25929	21969	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\text{Exp}(v)}$	P	L	H	CD
25930	21970	1	$\frac{\text{Exp}(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	L	H	CDI
25931	21971	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\text{Exp}(v)}$	P	L	H	CDF
25932	21972	1	$\frac{\text{Exp}(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	L	H	CDIF
25933	21973	1	$-\frac{(-1+u^2)(-1+w^2)}{(\text{Exp}(v))^2}$	P	L	H	AB

25934	21973	2	$-\frac{(-1+u^2)(-1+w^2)}{(Exp(v))^2}$	H	L	P	AB
25935	21974	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{Exp(v)}}$	P	L	H	R
25936	21975	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(Exp(v))^3}$	P	L	H	K
25937	21976	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{Exp(v)}}$	P	L	H	E
25938	21977	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	P	L	H	L
25939	21978	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	P	L	H	S
25940	21979	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	P	L	H	T
25941	21980	1	$\frac{\sqrt{1-u^2}w}{\sin(v)}$	P	S	CD	CD
25942	21980	2	$\frac{\sqrt{1-u^2}w}{\sin(v)}$	P	S	CDF	CDF
25943	21981	1	$\frac{\sin(v)}{\sqrt{1-u^2}w}$	P	S	CD	CDI
25944	21981	2	$\frac{\sin(v)}{\sqrt{1-u^2}w}$	P	S	CDF	CDIF
25945	21982	1	$\frac{\sqrt{1-u^2}w\pi}{\sin(v)}$	P	S	CD	CDF
25946	21983	1	$\frac{\sin(v)}{\sqrt{1-u^2}w\pi}$	P	S	CD	CDIF
25947	21984	1	$-\frac{w^2(-1+u^2)}{(\sin(v))^2}$	P	S	CD	AB
25948	21985	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sin(v)}}$	P	S	CD	R

25949	21986	1	$\frac{(1-u^2)^{3/2} w^3}{(\sin(v))^3}$	P	S	CD	K
25950	21987	1	$e^{\frac{\sqrt{1-u^2} w}{\sin(v)}}$	P	S	CD	E
25951	21988	1	$\log\left(\frac{\sqrt{1-u^2} w}{\sin(v)}\right)$	P	S	CD	L
25952	21989	1	$\arcsin\left(\frac{\sqrt{1-u^2} w}{\sin(v)}\right)$	P	S	CD	S
25953	21990	1	$\arctan\left(\frac{\sqrt{1-u^2} w}{\sin(v)}\right)$	P	S	CD	T
25954	21991	1	$\sqrt{\frac{-w^2 + u^2 w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	P	S	CD	P
25955	21991	2	$\sqrt{\frac{-w^2 + u^2 w^2 + 1 - (\cos(v))^2}{(\sin(v))^2}}$	H	S	CD	H
25956	21992	1	$\sqrt{-\frac{-w^2 + u^2 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	P	S	CD	H
25957	21992	2	$\sqrt{-\frac{-w^2 + u^2 w^2 - 1 + (\cos(v))^2}{(\sin(v))^2}}$	H	S	CD	P
25958	21993	1	$\frac{\sqrt{1-u^2}}{\sin(v) w}$	P	S	CDI	CD
25959	21993	2	$\frac{\sqrt{1-u^2}}{\sin(v) w}$	P	S	CDIF	CDF
25960	21994	1	$\frac{\sin(v) w}{\sqrt{1-u^2}}$	P	S	CDI	CDI
25961	21994	2	$\frac{\sin(v) w}{\sqrt{1-u^2}}$	P	S	CDIF	CDIF
25962	21995	1	$\frac{\sqrt{1-u^2} \pi}{\sin(v) w}$	P	S	CDI	CDF

25963	21996	1	$\frac{\sin(v) w}{\sqrt{1-u^2} \pi}$	P	S	CDI	CDIF
25964	21997	1	$-\frac{-1+u^2}{(\sin(v))^2 w^2}$	P	S	CDI	AB
25965	21998	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sin(v) w}}$	P	S	CDI	R
25966	21999	1	$\frac{(1-u^2)^{3/2}}{(\sin(v))^3 w^3}$	P	S	CDI	K
25967	22000	1	$e^{\frac{\sqrt{1-u^2}}{\sin(v) w}}$	P	S	CDI	E
25968	22001	1	$\log\left(\frac{\sqrt{1-u^2}}{\sin(v) w}\right)$	P	S	CDI	L
25969	22002	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sin(v) w}\right)$	P	S	CDI	S
25970	22003	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sin(v) w}\right)$	P	S	CDI	T
25971	22004	1	$\sqrt{\frac{-1+u^2+w^2-w^2(\cos(v))^2}{(\sin(v))^2 w^2}}$	P	S	CDI	P
25972	22004	2	$\sqrt{\frac{-1+u^2+w^2-w^2(\cos(v))^2}{(\sin(v))^2 w^2}}$	H	S	CDI	H
25973	22005	1	$\sqrt{-\frac{-1+u^2-w^2+w^2(\cos(v))^2}{(\sin(v))^2 w^2}}$	P	S	CDI	H
25974	22005	2	$\sqrt{-\frac{-1+u^2-w^2+w^2(\cos(v))^2}{(\sin(v))^2 w^2}}$	H	S	CDI	P
25975	22006	1	$\frac{\sqrt{1-u^2} w}{\sin(v) \pi}$	P	S	CDF	CD
25976	22007	1	$\frac{\sin(v) \pi}{\sqrt{1-u^2} w}$	P	S	CDF	CDI

25977	22008	1	$-\frac{w^2(-1+u^2)}{(\sin(v))^2\pi^2}$	P	S	CDF	AB
25978	22009	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sin(v)\pi}}$	P	S	CDF	R
25979	22010	1	$\frac{(1-u^2)^{3/2}w^3}{(\sin(v))^3\pi^3}$	P	S	CDF	K
25980	22011	1	$e^{\frac{\sqrt{1-u^2}w}{\sin(v)\pi}}$	P	S	CDF	E
25981	22012	1	$\log\left(\frac{\sqrt{1-u^2}w}{\sin(v)\pi}\right)$	P	S	CDF	L
25982	22013	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\sin(v)\pi}\right)$	P	S	CDF	S
25983	22014	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sin(v)\pi}\right)$	P	S	CDF	T
25984	22015	1	$\sqrt{\frac{-w^2+u^2w^2+\pi^2-\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	~~P~~	S	CDF	P
25985	22015	2	$\sqrt{\frac{-w^2+u^2w^2+\pi^2-\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	~~H~~	S	CDF	H
25986	22016	1	$\sqrt{-\frac{-w^2+u^2w^2-\pi^2+\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	~~P~~	S	CDF	H
25987	22016	2	$\sqrt{-\frac{-w^2+u^2w^2-\pi^2+\pi^2(\cos(v))^2}{(\sin(v))^2\pi^2}}$	~~H~~	S	CDF	P
25988	22017	1	$\frac{\sqrt{1-u^2}}{\sin(v)w\pi}$	P	S	CDIF	CD
25989	22018	1	$\frac{\sin(v)w\pi}{\sqrt{1-u^2}}$	P	S	CDIF	CDI
25990	22019	1	$-\frac{-1+u^2}{(\sin(v))^2w^2\pi^2}$	P	S	CDIF	AB

25991	22020	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sin(v) w \pi}}$	P	S	CDIF	R
25992	22021	1	$\frac{(1-u^2)^{3/2}}{(\sin(v))^3 w^3 \pi^3}$	P	S	CDIF	K
25993	22022	1	$e^{\frac{\sqrt{1-u^2}}{\sin(v) w \pi}}$	P	S	CDIF	E
25994	22023	1	$\log\left(\frac{\sqrt{1-u^2}}{\sin(v) w \pi}\right)$	P	S	CDIF	L
25995	22024	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sin(v) w \pi}\right)$	P	S	CDIF	S
25996	22025	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sin(v) w \pi}\right)$	P	S	CDIF	T
25997	22026	1	$\sqrt{\frac{-1+u^2+w^2\pi^2-w^2\pi^2(\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	~~P~~	S	CDIF	P
25998	22026	2	$\sqrt{\frac{-1+u^2+w^2\pi^2-w^2\pi^2(\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	~~H~~	S	CDIF	H
25999	22027	1	$\sqrt{-\frac{-1+u^2-w^2\pi^2+w^2\pi^2(\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	~~P~~	S	CDIF	H
26000	22027	2	$\sqrt{-\frac{-1+u^2-w^2\pi^2+w^2\pi^2(\cos(v))^2}{(\sin(v))^2 w^2 \pi^2}}$	~~H~~	S	CDIF	P
26001	22028	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}$	P	S	AB	CD
26002	22029	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{w}}$	P	S	AB	CDI
26003	22030	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\sin(v)}$	P	S	AB	CDF
26004	22031	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	S	AB	CDIF

26005	22032	1	$-\frac{w(-1+u^2)}{(\sin(v))^2}$	P	S	AB	AB
26006	22033	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}}$	P	S	AB	R
26007	22034	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(\sin(v))^3}$	P	S	AB	K
26008	22035	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}}$	P	S	AB	E
26009	22036	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}\right)$	P	S	AB	L
26010	22037	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}\right)$	P	S	AB	S
26011	22038	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sin(v)}\right)$	P	S	AB	T
26012	22039	1	$\sqrt{\frac{-w+u^2w+1-(\cos(v))^2}{(\sin(v))^2}}$	P	S	AB	P
26013	22039	2	$\sqrt{\frac{-w+u^2w+1-(\cos(v))^2}{(\sin(v))^2}}$	H	S	AB	H
26014	22040	1	$\sqrt{-\frac{-w+u^2w-1+(\cos(v))^2}{(\sin(v))^2}}$	P	S	AB	H
26015	22040	2	$\sqrt{-\frac{-w+u^2w-1+(\cos(v))^2}{(\sin(v))^2}}$	H	S	AB	P
26016	22041	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}$	P	S	R	CD
26017	22042	1	$\frac{\sin(v)}{\sqrt{1-u^2w^2}}$	P	S	R	CDI
26018	22043	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\sin(v)}$	P	S	R	CDF

26019	22044	1	$\frac{\sin(v)}{\sqrt{1-u^2}w^2\pi}$	P	S	R	CDIF
26020	22045	1	$-\frac{w^4(-1+u^2)}{(\sin(v))^2}$	P	S	R	AB
26021	22046	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}}$	P	S	R	R
26022	22047	1	$\frac{(1-u^2)^{3/2}w^6}{(\sin(v))^3}$	P	S	R	K
26023	22048	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}}$	P	S	R	E
26024	22049	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}\right)$	P	S	R	L
26025	22050	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}\right)$	P	S	R	S
26026	22051	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sin(v)}\right)$	P	S	R	T
26027	22052	1	$\sqrt{\frac{-w^4+u^2w^4+1-(\cos(v))^2}{(\sin(v))^2}}$	P	S	R	P
26028	22052	2	$\sqrt{\frac{-w^4+u^2w^4+1-(\cos(v))^2}{(\sin(v))^2}}$	H	S	R	H
26029	22053	1	$\sqrt{-\frac{-w^4+u^2w^4-1+(\cos(v))^2}{(\sin(v))^2}}$	P	S	R	H
26030	22053	2	$\sqrt{-\frac{-w^4+u^2w^4-1+(\cos(v))^2}{(\sin(v))^2}}$	H	S	R	P
26031	22054	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}$	P	S	K	CD
26032	22055	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	S	K	CDI

26033	22056	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\sin(v)}$	P	S	K	CDF
26034	22057	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	S	K	CDIF
26035	22058	1	$-\frac{(-1+u^2)w^{2/3}}{(\sin(v))^2}$	P	S	K	AB
26036	22059	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}}$	P	S	K	R
26037	22060	1	$\frac{(1-u^2)^{3/2}w}{(\sin(v))^3}$	P	S	K	K
26038	22061	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}}$	P	S	K	E
26039	22062	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}\right)$	P	S	K	L
26040	22063	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}\right)$	P	S	K	S
26041	22064	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sin(v)}\right)$	P	S	K	T
26042	22065	1	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-(\cos(v))^2+1}{(\sin(v))^2}}$	P	S	K	P
26043	22065	2	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-(\cos(v))^2+1}{(\sin(v))^2}}$	H	S	K	H
26044	22066	1	$\sqrt{-\frac{-w^{2/3}+u^2w^{2/3}+(\cos(v))^2-1}{(\sin(v))^2}}$	P	S	K	H
26045	22066	2	$\sqrt{-\frac{-w^{2/3}+u^2w^{2/3}+(\cos(v))^2-1}{(\sin(v))^2}}$	H	S	K	P
26046	22067	1	$\frac{\sqrt{1-u^2}\ln(w)}{\sin(v)}$	P	S	E	CD

26047	22068	1	$\frac{\sin(v)}{\sqrt{1-u^2} \ln(w)}$	P	S	E	CDI
26048	22069	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\sin(v)}$	P	S	E	CDF
26049	22070	1	$\frac{\sin(v)}{\sqrt{1-u^2} \ln(w) \pi}$	P	S	E	CDIF
26050	22071	1	$-\frac{(\ln(w))^2 (-1+u^2)}{(\sin(v))^2}$	P	S	E	AB
26051	22072	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\sin(v)}}$	P	S	E	R
26052	22073	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(\sin(v))^3}$	P	S	E	K
26053	22074	1	$w^{\frac{\sqrt{1-u^2}}{\sin(v)}}$	P	S	E	E
26054	22075	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\sin(v)}\right)$	P	S	E	L
26055	22076	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\sin(v)}\right)$	P	S	E	S
26056	22077	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\sin(v)}\right)$	P	S	E	T
26057	22078	1	$\sqrt{\frac{1 - (\cos(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	P	S	E	P
26058	22078	2	$\sqrt{\frac{1 - (\cos(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	H	S	E	H
26059	22079	1	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	P	S	E	H
26060	22079	2	$\sqrt{-\frac{-1 + (\cos(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\sin(v))^2}}$	H	S	E	P

26061	22080	1	$\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}$	P	S	L	CD
26062	22081	1	$\frac{\sin(v)}{\sqrt{1-u^2} \text{Exp}(w)}$	P	S	L	CDI
26063	22082	1	$\frac{\sqrt{1-u^2} \text{Exp}(w) \pi}{\sin(v)}$	P	S	L	CDF
26064	22083	1	$\frac{\sin(v)}{\sqrt{1-u^2} \text{Exp}(w) \pi}$	P	S	L	CDIF
26065	22084	1	$-\frac{(\text{Exp}(w))^2 (-1+u^2)}{(\sin(v))^2}$	P	S	L	AB
26066	22085	1	$\sqrt{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}}$	P	S	L	R
26067	22086	1	$\frac{(1-u^2)^{3/2} (\text{Exp}(w))^3}{(\sin(v))^3}$	P	S	L	K
26068	22087	1	$e^{\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}}$	P	S	L	E
26069	22088	1	$\log\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}\right)$	P	S	L	L
26070	22089	1	$\arcsin\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}\right)$	P	S	L	S
26071	22090	1	$\arctan\left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sin(v)}\right)$	P	S	L	T
26072	22091	1	$\sqrt{\frac{1-(\cos(v))^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{(\sin(v))^2}}$	P	S	L	P
26073	22091	2	$\sqrt{\frac{1-(\cos(v))^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{(\sin(v))^2}}$	H	S	L	H
26074	22092	1	$\sqrt{-\frac{-1+(\cos(v))^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{(\sin(v))^2}}$	P	S	L	H

26075	22092	2	$\sqrt{-\frac{-1 + (\cos(v))^2 - (Exp(w))^2 + u^2 (Exp(w))^2}{(\sin(v))^2}}$	H	S	L	P
26076	22093	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}$	P	S	S	CD
26077	22094	1	$\frac{\sin(v)}{\sqrt{1-u^2} \sin(w)}$	P	S	S	CDI
26078	22095	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sin(v)}$	P	S	S	CDF
26079	22096	1	$\frac{\sin(v)}{\sqrt{1-u^2} \sin(w) \pi}$	P	S	S	CDIF
26080	22097	1	$-\frac{(\sin(w))^2 (-1+u^2)}{(\sin(v))^2}$	P	S	S	AB
26081	22098	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}}$	P	S	S	R
26082	22099	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{(\sin(v))^3}$	P	S	S	K
26083	22100	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}}$	P	S	S	E
26084	22101	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}\right)$	P	S	S	L
26085	22102	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}\right)$	P	S	S	S
26086	22103	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v)}\right)$	P	S	S	T
26087	22104	1	$\sqrt{-\frac{(\cos(v))^2 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	P	S	S	P
26088	22104	2	$\sqrt{-\frac{(\cos(v))^2 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	H	S	S	H

26089	22105	1	$\sqrt{\frac{2 - (\cos(v))^2 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	P	S	S	H
26090	22105	2	$\sqrt{\frac{2 - (\cos(v))^2 - (\cos(w))^2 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2}}$	H	S	S	P
26091	22106	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}$	P	S	T	CD
26092	22107	1	$\frac{\sin(v) \cos(w)}{\sqrt{1-u^2} \sin(w)}$	P	S	T	CDI
26093	22108	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sin(v) \cos(w)}$	P	S	T	CDF
26094	22109	1	$\frac{\sin(v) \cos(w)}{\sqrt{1-u^2} \sin(w) \pi}$	P	S	T	CDIF
26095	22110	1	$-\frac{(\sin(w))^2 (-1+u^2)}{(\sin(v))^2 (\cos(w))^2}$	P	S	T	AB
26096	22111	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}}$	P	S	T	R
26097	22112	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	P	S	T	K
26098	22113	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}}$	P	S	T	E
26099	22114	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}\right)$	P	S	T	L
26100	22115	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}\right)$	P	S	T	S
26101	22116	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w)}{\sin(v) \cos(w)}\right)$	P	S	T	T
26102	22117	1	$\sqrt{-\frac{-2 (\cos(w))^2 + (\cos(w))^2 (\cos(v))^2 + 1 - u^2 + u^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	P	S	T	P

26103	22117	2	$\sqrt{\frac{-2(\cos(w))^2 + (\cos(w))^2(\cos(v))^2 + 1 - u^2 + u^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	H	S	T	H
26104	22118	1	$\sqrt{\frac{-(\cos(w))^2(\cos(v))^2 + 1 - u^2 + u^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	P	S	T	H
26105	22118	2	$\sqrt{\frac{-(\cos(w))^2(\cos(v))^2 + 1 - u^2 + u^2(\cos(w))^2}{(\sin(v))^2(\cos(w))^2}}$	H	S	T	P
26106	22119	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}$	P	S	P	CD
26107	22120	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{1-w^2}}$	P	S	P	CDI
26108	22121	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{\sin(v)}$	P	S	P	CDF
26109	22122	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	S	P	CDIF
26110	22123	1	$\frac{(-1+u^2)(-1+w^2)}{(\sin(v))^2}$	P	S	P	AB
26111	22123	2	$\frac{(-1+u^2)(-1+w^2)}{(\sin(v))^2}$	H	S	H	AB
26112	22124	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}}$	P	S	P	R
26113	22125	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(\sin(v))^3}$	P	S	P	K
26114	22126	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}}$	P	S	P	E
26115	22127	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}\right)$	P	S	P	L
26116	22128	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}\right)$	P	S	P	S

26117	22129	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sin(v)}\right)$	P	S	P	T
26118	22130	1	$\sqrt{-\frac{-u^2-w^2+u^2w^2+(\cos(v))^2}{(\sin(v))^2}}$	P	S	P	P
26119	22130	2	$\sqrt{-\frac{-u^2-w^2+u^2w^2+(\cos(v))^2}{(\sin(v))^2}}$	P	S	H	H
26120	22130	3	$\sqrt{-\frac{-u^2-w^2+u^2w^2+(\cos(v))^2}{(\sin(v))^2}}$	H	S	P	H
26121	22130	4	$\sqrt{-\frac{-u^2-w^2+u^2w^2+(\cos(v))^2}{(\sin(v))^2}}$	H	S	H	P
26122	22131	1	$\sqrt{\frac{-w^2+2+u^2w^2-u^2-(\cos(v))^2}{(\sin(v))^2}}$	P	S	P	H
26123	22131	2	$\sqrt{\frac{-w^2+2+u^2w^2-u^2-(\cos(v))^2}{(\sin(v))^2}}$	P	S	H	P
26124	22131	3	$\sqrt{\frac{-w^2+2+u^2w^2-u^2-(\cos(v))^2}{(\sin(v))^2}}$	H	S	P	P
26125	22131	4	$\sqrt{\frac{-w^2+2+u^2w^2-u^2-(\cos(v))^2}{(\sin(v))^2}}$	H	S	H	H
26126	22132	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}$	P	S	H	CD
26127	22133	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	S	H	CDI
26128	22134	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\sin(v)}$	P	S	H	CDF
26129	22135	1	$\frac{\sin(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	S	H	CDIF
26130	22136	1	$-\frac{(-1+u^2)(-1+w^2)}{(\sin(v))^2}$	P	S	H	AB
26131	22136	2	$-\frac{(-1+u^2)(-1+w^2)}{(\sin(v))^2}$	H	S	P	AB

26132	22137	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}}$	P	S	H	R
26133	22138	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(\sin(v))^3}$	P	S	H	K
26134	22139	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}}$	P	S	H	E
26135	22140	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	P	S	H	L
26136	22141	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	P	S	H	S
26137	22142	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	P	S	H	T
26138	22143	1	$\frac{\sqrt{1-u^2}w}{\tan(v)}$	P	T	CD	CD
26139	22143	2	$\frac{\sqrt{1-u^2}w}{\tan(v)}$	P	T	CDF	CDF
26140	22144	1	$\frac{\tan(v)}{\sqrt{1-u^2}w}$	P	T	CD	CDI
26141	22144	2	$\frac{\tan(v)}{\sqrt{1-u^2}w}$	P	T	CDF	CDIF
26142	22145	1	$\frac{\sqrt{1-u^2}w\pi}{\tan(v)}$	P	T	CD	CDF
26143	22146	1	$\frac{\tan(v)}{\sqrt{1-u^2}w\pi}$	P	T	CD	CDIF
26144	22147	1	$-\frac{w^2(-1+u^2)}{(\tan(v))^2}$	P	T	CD	AB
26145	22148	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\tan(v)}}$	P	T	CD	R

26146	22149	1	$\frac{(1-u^2)^{3/2} w^3}{(\tan(v))^3}$	P	T	CD	K
26147	22150	1	$e^{\frac{\sqrt{1-u^2} w}{\tan(v)}}$	P	T	CD	E
26148	22151	1	$\log\left(\frac{\sqrt{1-u^2} w}{\tan(v)}\right)$	P	T	CD	L
26149	22152	1	$\arcsin\left(\frac{\sqrt{1-u^2} w}{\tan(v)}\right)$	P	T	CD	S
26150	22153	1	$\arctan\left(\frac{\sqrt{1-u^2} w}{\tan(v)}\right)$	P	T	CD	T
26151	22154	1	$\sqrt{\frac{(\tan(v))^2 - w^2 + u^2 w^2}{(\tan(v))^2}}$	P	T	CD	P
26152	22154	2	$\sqrt{\frac{(\tan(v))^2 - w^2 + u^2 w^2}{(\tan(v))^2}}$	H	T	CD	H
26153	22155	1	$\sqrt{-\frac{(\tan(v))^2 - w^2 + u^2 w^2}{(\tan(v))^2}}$	P	T	CD	H
26154	22155	2	$\sqrt{-\frac{(\tan(v))^2 - w^2 + u^2 w^2}{(\tan(v))^2}}$	H	T	CD	P
26155	22156	1	$\frac{\sqrt{1-u^2}}{\tan(v) w}$	P	T	CDI	CD
26156	22157	1	$\frac{\tan(v) w}{\sqrt{1-u^2}}$	P	T	CDI	CDI
26157	22157	2	$\frac{\tan(v) w}{\sqrt{1-u^2}}$	P	T	CDIF	CDIF
26158	22158	1	$\frac{\sqrt{1-u^2} \pi}{\tan(v) w}$	P	T	CDI	CDF
26159	22159	1	$\frac{\tan(v) w}{\sqrt{1-u^2} \pi}$	P	T	CDI	CDIF

26160	22160	1	$-\frac{-1+u^2}{(\tan(v))^2 w^2}$	P	T	CDI	AB
26161	22161	1	$\sqrt{\frac{\sqrt{1-u^2}}{\tan(v) w}}$	P	T	CDI	R
26162	22162	1	$\frac{(1-u^2)^{3/2}}{(\tan(v))^3 w^3}$	P	T	CDI	K
26163	22163	1	$e^{\frac{\sqrt{1-u^2}}{\tan(v) w}}$	P	T	CDI	E
26164	22164	1	$\log\left(\frac{\sqrt{1-u^2}}{\tan(v) w}\right)$	P	T	CDI	L
26165	22165	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\tan(v) w}\right)$	P	T	CDI	S
26166	22166	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\tan(v) w}\right)$	P	T	CDI	T
26167	22167	1	$\sqrt{\frac{(\tan(v))^2 w^2 - 1 + u^2}{(\tan(v))^2 w^2}}$	P	T	CDI	P
26168	22167	2	$\sqrt{\frac{(\tan(v))^2 w^2 - 1 + u^2}{(\tan(v))^2 w^2}}$	H	T	CDI	H
26169	22168	1	$\sqrt{-\frac{(\tan(v))^2 w^2 - 1 + u^2}{(\tan(v))^2 w^2}}$	P	T	CDI	H
26170	22168	2	$\sqrt{-\frac{(\tan(v))^2 w^2 - 1 + u^2}{(\tan(v))^2 w^2}}$	H	T	CDI	P
26171	22169	1	$\frac{\sqrt{1-u^2} w}{\tan(v) \pi}$	P	T	CDF	CD
26172	22170	1	$\frac{\tan(v) \pi}{\sqrt{1-u^2} w}$	P	T	CDF	CDI
26173	22171	1	$-\frac{w^2 (-1+u^2)}{(\tan(v))^2 \pi^2}$	P	T	CDF	AB

26174	22172	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\tan(v)\pi}}$	P	T	CDF	R
26175	22173	1	$\frac{(1-u^2)^{3/2}w^3}{(\tan(v))^3\pi^3}$	P	T	CDF	K
26176	22174	1	$e^{\frac{\sqrt{1-u^2}w}{\tan(v)\pi}}$	P	T	CDF	E
26177	22175	1	$\log\left(\frac{\sqrt{1-u^2}w}{\tan(v)\pi}\right)$	P	T	CDF	L
26178	22176	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\tan(v)\pi}\right)$	P	T	CDF	S
26179	22177	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\tan(v)\pi}\right)$	P	T	CDF	T
26180	22178	1	$\sqrt{\frac{(\tan(v))^2\pi^2-w^2+u^2w^2}{(\tan(v))^2\pi^2}}$	P	T	CDF	P
26181	22178	2	$\sqrt{\frac{(\tan(v))^2\pi^2-w^2+u^2w^2}{(\tan(v))^2\pi^2}}$	H	T	CDF	H
26182	22179	1	$\sqrt{-\frac{(\tan(v))^2\pi^2-w^2+u^2w^2}{(\tan(v))^2\pi^2}}$	P	T	CDF	H
26183	22179	2	$\sqrt{-\frac{(\tan(v))^2\pi^2-w^2+u^2w^2}{(\tan(v))^2\pi^2}}$	H	T	CDF	P
26184	22180	1	$\frac{\sqrt{1-u^2}}{\tan(v)w\pi}$	P	T	CDIF	CD
26185	22181	1	$\frac{\tan(v)w\pi}{\sqrt{1-u^2}}$	P	T	CDIF	CDI
26186	22182	1	$\frac{\sqrt{-(u-1)(u+1)}}{\tan(v)w}$	P	T	CDIF	CDF
26187	22183	1	$-\frac{-1+u^2}{(\tan(v))^2w^2\pi^2}$	P	T	CDIF	AB

26188	22184	1	$\sqrt{\frac{\sqrt{1-u^2}}{\tan(v) w \pi}}$	P	T	CDIF	R
26189	22185	1	$\frac{(1-u^2)^{3/2}}{(\tan(v))^3 w^3 \pi^3}$	P	T	CDIF	K
26190	22186	1	$e^{\frac{\sqrt{1-u^2}}{\tan(v) w \pi}}$	P	T	CDIF	E
26191	22187	1	$\log\left(\frac{\sqrt{1-u^2}}{\tan(v) w \pi}\right)$	P	T	CDIF	L
26192	22188	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\tan(v) w \pi}\right)$	P	T	CDIF	S
26193	22189	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\tan(v) w \pi}\right)$	P	T	CDIF	T
26194	22190	1	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 - 1 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	P	T	CDIF	P
26195	22190	2	$\sqrt{\frac{(\tan(v))^2 w^2 \pi^2 - 1 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	H	T	CDIF	H
26196	22191	1	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 - 1 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	P	T	CDIF	H
26197	22191	2	$\sqrt{-\frac{(\tan(v))^2 w^2 \pi^2 - 1 + u^2}{(\tan(v))^2 w^2 \pi^2}}$	H	T	CDIF	P
26198	22192	1	$\frac{\sqrt{1-u^2} \sqrt{w}}{\tan(v)}$	P	T	AB	CD
26199	22193	1	$\frac{\tan(v)}{\sqrt{1-u^2} \sqrt{w}}$	P	T	AB	CDI
26200	22194	1	$\frac{\sqrt{1-u^2} \sqrt{w} \pi}{\tan(v)}$	P	T	AB	CDF
26201	22195	1	$\frac{\tan(v)}{\sqrt{1-u^2} \sqrt{w} \pi}$	P	T	AB	CDIF

26202	22196	1	$-\frac{w(-1+u^2)}{(\tan(v))^2}$	P	T	AB	AB
26203	22197	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\tan(v)}}$	P	T	AB	R
26204	22198	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(\tan(v))^3}$	P	T	AB	K
26205	22199	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\tan(v)}}$	P	T	AB	E
26206	22200	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\tan(v)}\right)$	P	T	AB	L
26207	22201	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\tan(v)}\right)$	P	T	AB	S
26208	22202	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\tan(v)}\right)$	P	T	AB	T
26209	22203	1	$\sqrt{\frac{(\tan(v))^2-w+u^2w}{(\tan(v))^2}}$	P	T	AB	P
26210	22203	2	$\sqrt{\frac{(\tan(v))^2-w+u^2w}{(\tan(v))^2}}$	H	T	AB	H
26211	22204	1	$\sqrt{-\frac{(\tan(v))^2-w+u^2w}{(\tan(v))^2}}$	P	T	AB	H
26212	22204	2	$\sqrt{-\frac{(\tan(v))^2-w+u^2w}{(\tan(v))^2}}$	H	T	AB	P
26213	22205	1	$\frac{\sqrt{-(u-1)(u+1)w^2}}{\tan(v)}$	P	T	R	CD
26214	22206	1	$\frac{\tan(v)}{\sqrt{1-u^2w^2}}$	P	T	R	CDI
26215	22207	1	$\frac{\sqrt{-(u-1)(u+1)w^2}\pi}{\tan(v)}$	P	T	R	CDF

26216	22208	1	$\frac{\tan(v)}{\sqrt{1-u^2}w^2\pi}$	P	T	R	CDIF
26217	22209	1	$-\frac{w^4(-1+u^2)}{(\tan(v))^2}$	P	T	R	AB
26218	22210	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\tan(v)}}$	P	T	R	R
26219	22211	1	$\frac{(1-u^2)^{3/2}w^6}{(\tan(v))^3}$	P	T	R	K
26220	22212	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\tan(v)}}$	P	T	R	E
26221	22213	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\tan(v)}\right)$	P	T	R	L
26222	22214	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\tan(v)}\right)$	P	T	R	S
26223	22215	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\tan(v)}\right)$	P	T	R	T
26224	22216	1	$\sqrt{\frac{(\tan(v))^2-w^4+u^2w^4}{(\tan(v))^2}}$	P	T	R	P
26225	22216	2	$\sqrt{\frac{(\tan(v))^2-w^4+u^2w^4}{(\tan(v))^2}}$	H	T	R	H
26226	22217	1	$\sqrt{-\frac{(\tan(v))^2-w^4+u^2w^4}{(\tan(v))^2}}$	P	T	R	H
26227	22217	2	$\sqrt{-\frac{(\tan(v))^2-w^4+u^2w^4}{(\tan(v))^2}}$	H	T	R	P
26228	22218	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}$	P	T	K	CD
26229	22219	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	T	K	CDI

26230	22220	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\tan(v)}$	P	T	K	CDF
26231	22221	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	T	K	CDIF
26232	22222	1	$-\frac{(-1+u^2)w^{2/3}}{(\tan(v))^2}$	P	T	K	AB
26233	22223	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}}$	P	T	K	R
26234	22224	1	$\frac{(1-u^2)^{3/2}w}{(\tan(v))^3}$	P	T	K	K
26235	22225	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}}$	P	T	K	E
26236	22226	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}\right)$	P	T	K	L
26237	22227	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}\right)$	P	T	K	S
26238	22228	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\tan(v)}\right)$	P	T	K	T
26239	22229	1	$\sqrt{\frac{(\tan(v))^2-w^{2/3}+u^2w^{2/3}}{(\tan(v))^2}}$	P	T	K	P
26240	22229	2	$\sqrt{\frac{(\tan(v))^2-w^{2/3}+u^2w^{2/3}}{(\tan(v))^2}}$	H	T	K	H
26241	22230	1	$\sqrt{-\frac{(\tan(v))^2-w^{2/3}+u^2w^{2/3}}{(\tan(v))^2}}$	P	T	K	H
26242	22230	2	$\sqrt{-\frac{(\tan(v))^2-w^{2/3}+u^2w^{2/3}}{(\tan(v))^2}}$	H	T	K	P
26243	22231	1	$\frac{\sqrt{1-u^2}\ln(w)}{\tan(v)}$	P	T	E	CD

26244	22232	1	$\frac{\tan(v)}{\sqrt{1-u^2} \ln(w)}$	P	T	E	CDI
26245	22233	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\tan(v)}$	P	T	E	CDF
26246	22234	1	$\frac{\tan(v)}{\sqrt{1-u^2} \ln(w) \pi}$	P	T	E	CDIF
26247	22235	1	$-\frac{(\ln(w))^2 (-1+u^2)}{(\tan(v))^2}$	P	T	E	AB
26248	22236	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\tan(v)}}$	P	T	E	R
26249	22237	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(\tan(v))^3}$	P	T	E	K
26250	22238	1	$w^{\frac{\sqrt{1-u^2}}{\tan(v)}}$	P	T	E	E
26251	22239	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\tan(v)}\right)$	P	T	E	L
26252	22240	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\tan(v)}\right)$	P	T	E	S
26253	22241	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\tan(v)}\right)$	P	T	E	T
26254	22242	1	$\sqrt{\frac{(\tan(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	~~P~~	T	E	P
26255	22242	2	$\sqrt{\frac{(\tan(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	~~H~~	T	E	H
26256	22243	1	$\sqrt{-\frac{(\tan(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	~~P~~	T	E	H
26257	22243	2	$\sqrt{-\frac{(\tan(v))^2 - (\ln(w))^2 + u^2 (\ln(w))^2}{(\tan(v))^2}}$	~~H~~	T	E	P

26258	22244	1	$\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}$	P	T	L	CD
26259	22245	1	$\frac{\tan(v)}{\sqrt{1-u^2}Exp(w)}$	P	T	L	CDI
26260	22246	1	$\frac{\sqrt{1-u^2}Exp(w)\pi}{\tan(v)}$	P	T	L	CDF
26261	22247	1	$\frac{\tan(v)}{\sqrt{1-u^2}Exp(w)\pi}$	P	T	L	CDIF
26262	22248	1	$-\frac{(Exp(w))^2(-1+u^2)}{(\tan(v))^2}$	P	T	L	AB
26263	22249	1	$\sqrt{\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}}$	P	T	L	R
26264	22250	1	$\frac{(1-u^2)^{3/2}(Exp(w))^3}{(\tan(v))^3}$	P	T	L	K
26265	22251	1	$e^{\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}}$	P	T	L	E
26266	22252	1	$\log\left(\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}\right)$	P	T	L	L
26267	22253	1	$\arcsin\left(\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}\right)$	P	T	L	S
26268	22254	1	$\arctan\left(\frac{\sqrt{1-u^2}Exp(w)}{\tan(v)}\right)$	P	T	L	T
26269	22255	1	$\sqrt{\frac{(\tan(v))^2-(Exp(w))^2+u^2(Exp(w))^2}{(\tan(v))^2}}$	P	T	L	P
26270	22255	2	$\sqrt{\frac{(\tan(v))^2-(Exp(w))^2+u^2(Exp(w))^2}{(\tan(v))^2}}$	H	T	L	H
26271	22256	1	$\sqrt{-\frac{-(\tan(v))^2-(Exp(w))^2+u^2(Exp(w))^2}{(\tan(v))^2}}$	P	T	L	H

26272	22256	2	$\sqrt{-\frac{(\tan(v))^2 - (\text{Exp}(w))^2 + u^2(\text{Exp}(w))^2}{(\tan(v))^2}}$	H	T	L	P
26273	22257	1	$\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}$	P	T	S	CD
26274	22258	1	$\frac{\sin(v)}{\sqrt{1-u^2} \cos(v) \sin(w)}$	P	T	S	CDI
26275	22259	1	$\frac{\sqrt{1-u^2} \cos(v) \sin(w) \pi}{\sin(v)}$	P	T	S	CDF
26276	22260	1	$\frac{\sin(v)}{\sqrt{1-u^2} \cos(v) \sin(w) \pi}$	P	T	S	CDIF
26277	22261	1	$-\frac{(\cos(v))^2 (\sin(w))^2 (-1+u^2)}{(\sin(v))^2}$	P	T	S	AB
26278	22262	1	$\sqrt{\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}}$	P	T	S	R
26279	22263	1	$\frac{(1-u^2)^{3/2} (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	P	T	S	K
26280	22264	1	$e^{\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}}$	P	T	S	E
26281	22265	1	$\log\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	P	T	S	L
26282	22266	1	$\arcsin\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	P	T	S	S
26283	22267	1	$\arctan\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	P	T	S	T
26284	22268	1	$\sqrt{-\frac{-1+2(\cos(v))^2 - (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	P	T	S	P
26285	22268	2	$\sqrt{-\frac{-1+2(\cos(v))^2 - (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	H	T	S	H

26286	22269	1	$\sqrt{\frac{1 - (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	P	T	S	H
26287	22269	2	$\sqrt{\frac{1 - (\cos(w))^2 (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2}}$	H	T	S	P
26288	22270	1	$\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}$	P	T	T	CD
26289	22271	1	$\frac{\sin(v) \cos(w)}{\sqrt{1-u^2} \cos(v) \sin(w)}$	P	T	T	CDI
26290	22272	1	$\frac{\sqrt{1-u^2} \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	P	T	T	CDF
26291	22273	1	$\frac{\sin(v) \cos(w)}{\sqrt{1-u^2} \cos(v) \sin(w) \pi}$	P	T	T	CDIF
26292	22274	1	$-\frac{(\cos(v))^2 (\sin(w))^2 (-1+u^2)}{(\sin(v))^2 (\cos(w))^2}$	P	T	T	AB
26293	22275	1	$\sqrt{\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	P	T	T	R
26294	22276	1	$\frac{(1-u^2)^{3/2} (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3 (\cos(w))^3}$	P	T	T	K
26295	22277	1	$e^{\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}}$	P	T	T	E
26296	22278	1	$\log\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	P	T	T	L
26297	22279	1	$\arcsin\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	P	T	T	S
26298	22280	1	$\arctan\left(\frac{\sqrt{1-u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}\right)$	P	T	T	T
26299	22281	1	$\sqrt{-\frac{(\cos(w))^2 + (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	P	T	T	P

26300	22281	2	$\sqrt{\frac{-(\cos(w))^2 + (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	H	T	H	
26301	22282	1	$\sqrt{\frac{(\cos(w))^2 - 2 (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	P	T	H	
26302	22282	2	$\sqrt{\frac{(\cos(w))^2 - 2 (\cos(w))^2 (\cos(v))^2 + (\cos(v))^2 - u^2 (\cos(v))^2 + u^2 (\cos(v))^2 (\cos(w))^2}{(\sin(v))^2 (\cos(w))^2}}$	H	T	P	
26303	22283	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}$	P	T	P	CD
26304	22284	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt{1-w^2}}$	P	T	P	CDI
26305	22285	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{\tan(v)}$	P	T	P	CDF
26306	22286	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	T	P	CDIF
26307	22287	1	$\frac{(-1+u^2)(-1+w^2)}{(\tan(v))^2}$	P	T	P	AB
26308	22287	2	$\frac{(-1+u^2)(-1+w^2)}{(\tan(v))^2}$	H	T	H	AB
26309	22288	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}}$	P	T	P	R
26310	22289	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(\tan(v))^3}$	P	T	P	K
26311	22290	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}}$	P	T	P	E
26312	22291	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	P	T	P	L
26313	22292	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	P	T	P	S

26314	22293	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	P	T	P	T
26315	22294	1	$\sqrt{-\frac{-(\tan(v))^2-w^2+1+u^2w^2}{(\tan(v))^2}\frac{u^2}{P}}$	T	P	P	
26316	22294	2	$\sqrt{-\frac{-(\tan(v))^2-w^2+1+u^2w^2}{(\tan(v))^2}\frac{u^2}{P}}$	T	H	H	
26317	22294	3	$\sqrt{-\frac{-(\tan(v))^2-w^2+1+u^2w^2}{(\tan(v))^2}\frac{u^2}{H}}$	T	P	H	
26318	22294	4	$\sqrt{-\frac{-(\tan(v))^2-w^2+1+u^2w^2}{(\tan(v))^2}\frac{u^2}{H}}$	T	H	P	
26319	22295	1	$\sqrt{\frac{(\tan(v))^2-w^2+1+u^2w^2-u^2}{(\tan(v))^2}\frac{P}{P}}$	T	P	H	
26320	22295	2	$\sqrt{\frac{(\tan(v))^2-w^2+1+u^2w^2-u^2}{(\tan(v))^2}\frac{P}{P}}$	T	H	P	
26321	22295	3	$\sqrt{\frac{(\tan(v))^2-w^2+1+u^2w^2-u^2}{(\tan(v))^2}\frac{H}{H}}$	T	P	P	
26322	22295	4	$\sqrt{\frac{(\tan(v))^2-w^2+1+u^2w^2-u^2}{(\tan(v))^2}\frac{H}{H}}$	T	H	H	
26323	22296	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}$	P	T	H	CD
26324	22297	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	T	H	CDI
26325	22298	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\tan(v)}$	P	T	H	CDF
26326	22299	1	$\frac{\tan(v)}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	T	H	CDIF
26327	22300	1	$-\frac{(-1+u^2)(-1+w^2)}{(\tan(v))^2}$	P	T	H	AB
26328	22300	2	$-\frac{(-1+u^2)(-1+w^2)}{(\tan(v))^2}$	H	T	P	AB

26329	22301	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}}$	P	T	H	R
26330	22302	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(\tan(v))^3}$	P	T	H	K
26331	22303	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}}$	P	T	H	E
26332	22304	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	P	T	H	L
26333	22305	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	P	T	H	S
26334	22306	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	P	T	H	T
26335	22307	1	$\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}$	P	P	CD	CD
26336	22307	2	$\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}$	P	P	CDF	CDF
26337	22308	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}w}$	P	P	CD	CDI
26338	22308	2	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}w}$	P	P	CDF	CDIF
26339	22309	1	$\frac{\sqrt{1-u^2}w\pi}{\sqrt{1-v^2}}$	P	P	CD	CDF
26340	22310	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}w\pi}$	P	P	CD	CDIF
26341	22311	1	$\frac{w^2(-1+u^2)}{-1+v^2}$	P	P	CD	AB
26342	22311	2	$\frac{w^2(-1+u^2)}{-1+v^2}$	H	H	CD	AB
26343	22312	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}}$	P	P	CD	R

26344	22313	1	$\frac{(1-u^2)^{3/2}w^3}{(1-v^2)^{3/2}}$	P	P	CD	K
26345	22314	1	$e^{\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}}$	P	P	CD	E
26346	22315	1	$\log\left(\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}\right)$	P	P	CD	L
26347	22316	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}\right)$	P	P	CD	S
26348	22317	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}}\right)$	P	P	CD	T
26349	22318	1	$\sqrt{-\frac{1-v^2-w^2+u^2w^2}{-1+v^2}}$	P	P	CD	P
26350	22318	2	$\sqrt{-\frac{1-v^2-w^2+u^2w^2}{-1+v^2}}$	P	H	CD	H
26351	22318	3	$\sqrt{-\frac{1-v^2-w^2+u^2w^2}{-1+v^2}}$	H	P	CD	H
26352	22318	4	$\sqrt{-\frac{1-v^2-w^2+u^2w^2}{-1+v^2}}$	H	H	CD	P
26353	22319	1	$\sqrt{\frac{-w^2+u^2w^2-1+v^2}{-1+v^2}}$	P	P	CD	H
26354	22319	2	$\sqrt{\frac{-w^2+u^2w^2-1+v^2}{-1+v^2}}$	P	H	CD	P
26355	22319	3	$\sqrt{\frac{-w^2+u^2w^2-1+v^2}{-1+v^2}}$	H	P	CD	P
26356	22319	4	$\sqrt{\frac{-w^2+u^2w^2-1+v^2}{-1+v^2}}$	H	H	CD	H
26357	22320	1	$\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}$	P	P	CDI	CD
26358	22321	1	$\frac{\sqrt{1-v^2}w}{\sqrt{1-u^2}}$	P	P	CDI	CDI

26359	22321	2	$\frac{\sqrt{1-v^2}w}{\sqrt{1-u^2}}$	P	P	CDIF	CDIF
26360	22322	1	$\frac{\sqrt{1-u^2}\pi}{\sqrt{1-v^2}w}$	P	P	CDI	CDF
26361	22323	1	$\frac{\sqrt{1-v^2}w}{\sqrt{1-u^2}\pi}$	P	P	CDI	CDIF
26362	22324	1	$\frac{-1+u^2}{w^2(-1+v^2)}$	P	P	CDI	AB
26363	22324	2	$\frac{-1+u^2}{w^2(-1+v^2)}$	H	H	CDI	AB
26364	22325	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}}$	P	P	CDI	R
26365	22326	1	$\frac{(1-u^2)^{3/2}}{(1-v^2)^{3/2}w^3}$	P	P	CDI	K
26366	22327	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}}$	P	P	CDI	E
26367	22328	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}\right)$	P	P	CDI	L
26368	22329	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}\right)$	P	P	CDI	S
26369	22330	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w}\right)$	P	P	CDI	T
26370	22331	1	$\sqrt{-\frac{w^2-v^2w^2-1+u^2}{w^2(-1+v^2)}}$	P	P	CDI	P
26371	22331	2	$\sqrt{-\frac{w^2-v^2w^2-1+u^2}{w^2(-1+v^2)}}$	P	H	CDI	H
26372	22331	3	$\sqrt{-\frac{w^2-v^2w^2-1+u^2}{w^2(-1+v^2)}}$	H	P	CDI	H

26373	22331	4	$\sqrt{-\frac{w^2 - v^2 w^2 - 1 + u^2}{w^2 (-1 + v^2)}}$	H	H	CDI	P
26374	22332	1	$\sqrt{\frac{-1 + u^2 - w^2 + v^2 w^2}{w^2 (-1 + v^2)}}$	P	P	CDI	H
26375	22332	2	$\sqrt{\frac{-1 + u^2 - w^2 + v^2 w^2}{w^2 (-1 + v^2)}}$	P	H	CDI	P
26376	22332	3	$\sqrt{\frac{-1 + u^2 - w^2 + v^2 w^2}{w^2 (-1 + v^2)}}$	H	P	CDI	P
26377	22332	4	$\sqrt{\frac{-1 + u^2 - w^2 + v^2 w^2}{w^2 (-1 + v^2)}}$	H	H	CDI	H
26378	22333	1	$\frac{\sqrt{1 - u^2} w}{\sqrt{1 - v^2} \pi}$	P	P	CDF	CD
26379	22334	1	$\frac{\sqrt{1 - v^2} \pi}{\sqrt{1 - u^2} w}$	P	P	CDF	CDI
26380	22335	1	$\frac{w^2 (-1 + u^2)}{\pi^2 (-1 + v^2)}$	P	P	CDF	AB
26381	22335	2	$\frac{w^2 (-1 + u^2)}{\pi^2 (-1 + v^2)}$	H	H	CDF	AB
26382	22336	1	$\sqrt{\frac{\sqrt{1 - u^2} w}{\sqrt{1 - v^2} \pi}}$	P	P	CDF	R
26383	22337	1	$\frac{(1 - u^2)^{3/2} w^3}{(1 - v^2)^{3/2} \pi^3}$	P	P	CDF	K
26384	22338	1	$e^{\frac{\sqrt{1 - u^2} w}{\sqrt{1 - v^2} \pi}}$	P	P	CDF	E
26385	22339	1	$\log \left(\frac{\sqrt{1 - u^2} w}{\sqrt{1 - v^2} \pi} \right)$	P	P	CDF	L
26386	22340	1	$\arcsin \left(\frac{\sqrt{1 - u^2} w}{\sqrt{1 - v^2} \pi} \right)$	P	P	CDF	S

26387	22341	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sqrt{1-v^2}\pi}\right)$	P	P	CDF	T
26388	22342	1	$\sqrt{-\frac{\pi^2-v^2\pi^2-w^2+u^2w^2}{\pi^2(-1+v^2)}}$	P	P	CDF	P
26389	22342	2	$\sqrt{-\frac{\pi^2-v^2\pi^2-w^2+u^2w^2}{\pi^2(-1+v^2)}}$	P	H	CDF	H
26390	22342	3	$\sqrt{-\frac{\pi^2-v^2\pi^2-w^2+u^2w^2}{\pi^2(-1+v^2)}}$	H	P	CDF	H
26391	22342	4	$\sqrt{-\frac{\pi^2-v^2\pi^2-w^2+u^2w^2}{\pi^2(-1+v^2)}}$	H	H	CDF	P
26392	22343	1	$\sqrt{\frac{-w^2+u^2w^2-\pi^2+v^2\pi^2}{\pi^2(-1+v^2)}}$	P	P	CDF	H
26393	22343	2	$\sqrt{\frac{-w^2+u^2w^2-\pi^2+v^2\pi^2}{\pi^2(-1+v^2)}}$	P	H	CDF	P
26394	22343	3	$\sqrt{\frac{-w^2+u^2w^2-\pi^2+v^2\pi^2}{\pi^2(-1+v^2)}}$	H	P	CDF	P
26395	22343	4	$\sqrt{\frac{-w^2+u^2w^2-\pi^2+v^2\pi^2}{\pi^2(-1+v^2)}}$	H	H	CDF	H
26396	22344	1	$\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w\pi}$	P	P	CDIF	CD
26397	22345	1	$\frac{\sqrt{1-v^2}w\pi}{\sqrt{1-u^2}}$	P	P	CDIF	CDI
26398	22346	1	$\frac{\sqrt{-(u-1)(u+1)}}{\sqrt{-(v-1)(v+1)}w}$	P	P	CDIF	CDF
26399	22347	1	$\frac{-1+u^2}{w^2\pi^2(-1+v^2)}$	P	P	CDIF	AB
26400	22347	2	$\frac{-1+u^2}{w^2\pi^2(-1+v^2)}$	H	H	CDIF	AB
26401	22348	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{1-v^2}w\pi}}$	P	P	CDIF	R

26402	22349	1	$\frac{(1-u^2)^{3/2}}{(1-v^2)^{3/2} w^3 \pi^3}$	P	P	CDIF	K
26403	22350	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{1-v^2} w \pi}}$	P	P	CDIF	E
26404	22351	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2} w \pi}\right)$	P	P	CDIF	L
26405	22352	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2} w \pi}\right)$	P	P	CDIF	S
26406	22353	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{1-v^2} w \pi}\right)$	P	P	CDIF	T
26407	22354	1	$\sqrt{-\frac{w^2 \pi^2 - v^2 w^2 \pi^2 - 1 + u^2}{w^2 \pi^2 (-1 + v^2)}}$	P	P	CDIF	P
26408	22354	2	$\sqrt{-\frac{w^2 \pi^2 - v^2 w^2 \pi^2 - 1 + u^2}{w^2 \pi^2 (-1 + v^2)}}$	P	H	CDIF	H
26409	22354	3	$\sqrt{-\frac{w^2 \pi^2 - v^2 w^2 \pi^2 - 1 + u^2}{w^2 \pi^2 (-1 + v^2)}}$	H	P	CDIF	H
26410	22354	4	$\sqrt{-\frac{w^2 \pi^2 - v^2 w^2 \pi^2 - 1 + u^2}{w^2 \pi^2 (-1 + v^2)}}$	H	H	CDIF	P
26411	22355	1	$\sqrt{\frac{-1 + u^2 - w^2 \pi^2 + v^2 w^2 \pi^2}{w^2 \pi^2 (-1 + v^2)}}$	P	P	CDIF	H
26412	22355	2	$\sqrt{\frac{-1 + u^2 - w^2 \pi^2 + v^2 w^2 \pi^2}{w^2 \pi^2 (-1 + v^2)}}$	P	H	CDIF	P
26413	22355	3	$\sqrt{\frac{-1 + u^2 - w^2 \pi^2 + v^2 w^2 \pi^2}{w^2 \pi^2 (-1 + v^2)}}$	H	P	CDIF	P
26414	22355	4	$\sqrt{\frac{-1 + u^2 - w^2 \pi^2 + v^2 w^2 \pi^2}{w^2 \pi^2 (-1 + v^2)}}$	H	H	CDIF	H
26415	22356	1	$\frac{\sqrt{1-u^2} \sqrt{w}}{\sqrt{1-v^2}}$	P	P	AB	CD

26416	22357	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{w}}$	P	P	AB	CDI
26417	22358	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\sqrt{1-v^2}}$	P	P	AB	CDF
26418	22359	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	P	AB	CDIF
26419	22360	1	$\frac{w(-1+u^2)}{-1+v^2}$	P	P	AB	AB
26420	22360	2	$\frac{w(-1+u^2)}{-1+v^2}$	H	H	AB	AB
26421	22361	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{1-v^2}}}$	P	P	AB	R
26422	22362	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(1-v^2)^{3/2}}$	P	P	AB	K
26423	22363	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{1-v^2}}}$	P	P	AB	E
26424	22364	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	P	P	AB	L
26425	22365	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	P	P	AB	S
26426	22366	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	P	P	AB	T
26427	22367	1	$\sqrt{-\frac{1-v^2-w+u^2w}{-1+v^2}}$	P	P	AB	P
26428	22367	2	$\sqrt{-\frac{1-v^2-w+u^2w}{-1+v^2}}$	P	H	AB	H
26429	22367	3	$\sqrt{-\frac{1-v^2-w+u^2w}{-1+v^2}}$	H	P	AB	H
26430	22367	4	$\sqrt{-\frac{1-v^2-w+u^2w}{-1+v^2}}$	H	H	AB	P

26431	22368	1	$\sqrt{\frac{-w + u^2 w - 1 + v^2}{-1 + v^2}}$	P	P	AB	H
26432	22368	2	$\sqrt{\frac{-w + u^2 w - 1 + v^2}{-1 + v^2}}$	P	H	AB	P
26433	22368	3	$\sqrt{\frac{-w + u^2 w - 1 + v^2}{-1 + v^2}}$	H	P	AB	P
26434	22368	4	$\sqrt{\frac{-w + u^2 w - 1 + v^2}{-1 + v^2}}$	H	H	AB	H
26435	22369	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	P	P	R	CD
26436	22370	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2 w^2}}$	P	P	R	CDI
26437	22371	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\sqrt{-(v-1)(v+1)}}$	P	P	R	CDF
26438	22372	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2 w^2}\pi}$	P	P	R	CDIF
26439	22373	1	$\frac{w^4(-1+u^2)}{-1+v^2}$	P	P	R	AB
26440	22373	2	$\frac{w^4(-1+u^2)}{-1+v^2}$	H	H	R	AB
26441	22374	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	P	P	R	R
26442	22375	1	$\frac{(1-u^2)^{3/2}w^6}{(1-v^2)^{3/2}}$	P	P	R	K
26443	22376	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	P	P	R	E
26444	22377	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	P	P	R	L
26445	22378	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	P	P	R	S

26446	22379	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}\right)$	P	P	R	T
26447	22380	1	$\sqrt{-\frac{1-v^2-w^4+u^2w^4}{-1+v^2}}$	P	P	R	P
26448	22380	2	$\sqrt{-\frac{1-v^2-w^4+u^2w^4}{-1+v^2}}$	P	H	R	H
26449	22380	3	$\sqrt{-\frac{1-v^2-w^4+u^2w^4}{-1+v^2}}$	H	P	R	H
26450	22380	4	$\sqrt{-\frac{1-v^2-w^4+u^2w^4}{-1+v^2}}$	H	H	R	P
26451	22381	1	$\sqrt{\frac{-1+v^2-w^4+u^2w^4}{-1+v^2}}$	P	P	R	H
26452	22381	2	$\sqrt{\frac{-1+v^2-w^4+u^2w^4}{-1+v^2}}$	P	H	R	P
26453	22381	3	$\sqrt{\frac{-1+v^2-w^4+u^2w^4}{-1+v^2}}$	H	P	R	P
26454	22381	4	$\sqrt{\frac{-1+v^2-w^4+u^2w^4}{-1+v^2}}$	H	H	R	H
26455	22382	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}$	P	P	K	CD
26456	22383	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	P	K	CDI
26457	22384	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	P	P	K	CDF
26458	22385	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	P	K	CDIF
26459	22386	1	$\frac{(-1+u^2)w^{2/3}}{-1+v^2}$	P	P	K	AB
26460	22386	2	$\frac{(-1+u^2)w^{2/3}}{-1+v^2}$	H	H	K	AB
26461	22387	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	P	P	K	R

26462	22388	1	$\frac{(1-u^2)^{3/2}w}{(1-v^2)^{3/2}}$	P	P	K	K
26463	22389	1	$e^{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	P	P	K	E
26464	22390	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	P	P	K	L
26465	22391	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	P	P	K	S
26466	22392	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}\right)$	P	P	K	T
26467	22393	1	$\sqrt{-\frac{1-v^2-w^{2/3}+u^2w^{2/3}}{-1+v^2}}$	P	P	K	P
26468	22393	2	$\sqrt{-\frac{1-v^2-w^{2/3}+u^2w^{2/3}}{-1+v^2}}$	P	H	K	H
26469	22393	3	$\sqrt{-\frac{1-v^2-w^{2/3}+u^2w^{2/3}}{-1+v^2}}$	H	P	K	H
26470	22393	4	$\sqrt{-\frac{1-v^2-w^{2/3}+u^2w^{2/3}}{-1+v^2}}$	H	H	K	P
26471	22394	1	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-1+v^2}{-1+v^2}}$	P	P	K	H
26472	22394	2	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-1+v^2}{-1+v^2}}$	P	H	K	P
26473	22394	3	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-1+v^2}{-1+v^2}}$	H	P	K	P
26474	22394	4	$\sqrt{\frac{-w^{2/3}+u^2w^{2/3}-1+v^2}{-1+v^2}}$	H	H	K	H
26475	22395	1	$\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{1-v^2}}$	P	P	E	CD

26476	22396	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2} \ln(w)}$	P	P	E	CDI
26477	22397	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\sqrt{1-v^2}}$	P	P	E	CDF
26478	22398	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2} \ln(w) \pi}$	P	P	E	CDIF
26479	22399	1	$\frac{(\ln(w))^2 (-1+u^2)}{-1+v^2}$	P	P	E	AB
26480	22399	2	$\frac{(\ln(w))^2 (-1+u^2)}{-1+v^2}$	H	H	E	AB
26481	22400	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{1-v^2}}}$	P	P	E	R
26482	22401	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(1-v^2)^{3/2}}$	P	P	E	K
26483	22402	1	$w \frac{\sqrt{1-u^2}}{\sqrt{1-v^2}}$	P	P	E	E
26484	22403	1	$\log\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{1-v^2}}\right)$	P	P	E	L
26485	22404	1	$\arcsin\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{1-v^2}}\right)$	P	P	E	S
26486	22405	1	$\arctan\left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{1-v^2}}\right)$	P	P	E	T
26487	22406	1	$\sqrt{-\frac{1-v^2-(\ln(w))^2+u^2(\ln(w))^2}{-1+v^2}}$	~~P~~	P	E	P
26488	22406	2	$\sqrt{-\frac{1-v^2-(\ln(w))^2+u^2(\ln(w))^2}{-1+v^2}}$	~~P~~	H	E	H
26489	22406	3	$\sqrt{-\frac{1-v^2-(\ln(w))^2+u^2(\ln(w))^2}{-1+v^2}}$	~~H~~	P	E	H

26490	22406	4	$\sqrt{-\frac{1-v^2-(\ln(w))^2+u^2(\ln(w))^2}{-1+v^2}}$	H	E	P
26491	22407	1	$\sqrt{\frac{-(\ln(w))^2+u^2(\ln(w))^2-1+v^2}{-1+v^2}}$	P	E	H
26492	22407	2	$\sqrt{\frac{-(\ln(w))^2+u^2(\ln(w))^2-1+v^2}{-1+v^2}}$	H	E	P
26493	22407	3	$\sqrt{\frac{-(\ln(w))^2+u^2(\ln(w))^2-1+v^2}{-1+v^2}}$	P	E	P
26494	22407	4	$\sqrt{\frac{-(\ln(w))^2+u^2(\ln(w))^2-1+v^2}{-1+v^2}}$	H	E	H
26495	22408	1	$\frac{\sqrt{1-u^2}Exp(w)}{\sqrt{1-v^2}}$	P	P	L CD
26496	22409	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}Exp(w)}$	P	P	L CDI
26497	22410	1	$\frac{\sqrt{1-u^2}Exp(w)\pi}{\sqrt{1-v^2}}$	P	P	L CDF
26498	22411	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}Exp(w)\pi}$	P	P	L CDIF
26499	22412	1	$\frac{(Exp(w))^2(-1+u^2)}{-1+v^2}$	P	P	L AB
26500	22412	2	$\frac{(Exp(w))^2(-1+u^2)}{-1+v^2}$	H	H	L AB
26501	22413	1	$\sqrt{\frac{\sqrt{1-u^2}Exp(w)}{\sqrt{1-v^2}}}$	P	P	L R
26502	22414	1	$\frac{(1-u^2)^{3/2}(Exp(w))^3}{(1-v^2)^{3/2}}$	P	P	L K
26503	22415	1	$e^{\frac{\sqrt{1-u^2}Exp(w)}{\sqrt{1-v^2}}}$	P	P	L E

26504	22416	1	$\log \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{1-v^2}} \right)$	P	P	L	L
26505	22417	1	$\arcsin \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{1-v^2}} \right)$	P	P	L	S
26506	22418	1	$\arctan \left(\frac{\sqrt{1-u^2} \text{Exp}(w)}{\sqrt{1-v^2}} \right)$	P	P	L	T
26507	22419	1	$\sqrt{-\frac{1-v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~P~~	P	L	P
26508	22419	2	$\sqrt{-\frac{1-v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~P~~	H	L	H
26509	22419	3	$\sqrt{-\frac{1-v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~H~~	P	L	H
26510	22419	4	$\sqrt{-\frac{1-v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~H~~	H	L	P
26511	22420	1	$\sqrt{\frac{-1+v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~P~~	P	L	H
26512	22420	2	$\sqrt{\frac{-1+v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~P~~	H	L	P
26513	22420	3	$\sqrt{\frac{-1+v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~H~~	P	L	P
26514	22420	4	$\sqrt{\frac{-1+v^2-(\text{Exp}(w))^2+u^2(\text{Exp}(w))^2}{-1+v^2}}$	~~H~~	H	L	H
26515	22421	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{1-v^2}}$	P	P	S	CD
26516	22422	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2} \sin(w)}$	P	P	S	CDI
26517	22423	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sqrt{1-v^2}}$	P	P	S	CDF

26518	22424	1	$\frac{\sqrt{1-u^2}}{\sqrt{1-u^2}\sin(w)\pi}$	P	P	S	CDIF
26519	22425	1	$\frac{(\sin(w))^2(-1+u^2)}{-1+v^2}$	P	P	S	AB
26520	22425	2	$\frac{(\sin(w))^2(-1+u^2)}{-1+v^2}$	H	H	S	AB
26521	22426	1	$\sqrt{\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{1-v^2}}}$	P	P	S	R
26522	22427	1	$\frac{(1-u^2)^{3/2}(\sin(w))^3}{(1-v^2)^{3/2}}$	P	P	S	K
26523	22428	1	$e^{\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{1-v^2}}}$	P	P	S	E
26524	22429	1	$\log\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	P	P	S	L
26525	22430	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	P	P	S	S
26526	22431	1	$\arctan\left(\frac{\sqrt{1-u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	P	P	S	T
26527	22432	1	$\sqrt{\frac{v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	~~P~~	P	S	P
26528	22432	2	$\sqrt{\frac{v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	~~P~~	H	S	H
26529	22432	3	$\sqrt{\frac{v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	~~H~~	P	S	H
26530	22432	4	$\sqrt{\frac{v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	~~H~~	H	S	P
26531	22433	1	$\sqrt{-\frac{2-v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	~~P~~	~~P~~	S	H

26532	22433	2	$\sqrt{-\frac{2-v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	P	H	S	P
26533	22433	3	$\sqrt{-\frac{2-v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	H	P	S	P
26534	22433	4	$\sqrt{-\frac{2-v^2-u^2-(\cos(w))^2+u^2(\cos(w))^2}{-1+v^2}}$	H	H	S	H
26535	22434	1	$\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}$	P	P	T	CD
26536	22435	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\tan(w)}$	P	P	T	CDI
26537	22436	1	$\frac{\sqrt{1-u^2}\tan(w)\pi}{\sqrt{1-v^2}}$	P	P	T	CDF
26538	22437	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\tan(w)\pi}$	P	P	T	CDIF
26539	22438	1	$\frac{(\tan(w))^2(-1+u^2)}{-1+v^2}$	P	P	T	AB
26540	22438	2	$\frac{(\tan(w))^2(-1+u^2)}{-1+v^2}$	H	H	T	AB
26541	22439	1	$\sqrt{\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}}$	P	P	T	R
26542	22440	1	$\frac{(1-u^2)^{3/2}(\tan(w))^3}{(1-v^2)^{3/2}}$	P	P	T	K
26543	22441	1	$e^{\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}}$	P	P	T	E
26544	22442	1	$\log\left(\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	P	P	T	L
26545	22443	1	$\arcsin\left(\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	P	P	T	S

26546	22444	1	$\arctan\left(\frac{\sqrt{1-u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	P	P	T	T
26547	22445	1	$\sqrt{-\frac{1-v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	P	P	T	P
26548	22445	2	$\sqrt{-\frac{1-v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	H	H	T	H
26549	22445	3	$\sqrt{-\frac{1-v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	P	P	T	H
26550	22445	4	$\sqrt{-\frac{1-v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	H	H	T	P
26551	22446	1	$\sqrt{\frac{-1+v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	P	P	T	H
26552	22446	2	$\sqrt{\frac{-1+v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	H	H	T	P
26553	22446	3	$\sqrt{\frac{-1+v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	P	P	T	P
26554	22446	4	$\sqrt{\frac{-1+v^2-(\tan(w))^2+u^2(\tan(w))^2}{-1+v^2}}$	H	H	T	H
26555	22447	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}$	P	P	P	CD
26556	22448	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{1-w^2}}$	P	P	P	CDI
26557	22449	1	$\frac{\sqrt{1-u^2}\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	P	P	P	CDF
26558	22450	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{1-w^2}\pi}$	P	P	P	CDIF
26559	22451	1	$-\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	P	P	P	AB
26560	22451	2	$-\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	P	H	H	AB

26561	22451	3	$-\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	H	P	H	AB
26562	22451	4	$-\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	H	H	P	AB
26563	22452	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	P	P	P	R
26564	22453	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	P	P	P	K
26565	22454	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	P	P	P	E
26566	22455	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	P	P	P	L
26567	22456	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	P	P	P	S
26568	22457	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	P	P	P	T
26569	22458	1	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	P	P	P	P
26570	22458	2	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	P	P	H	H
26571	22458	3	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	P	H	P	H
26572	22458	4	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	P	H	H	P
26573	22458	5	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	H	P	P	H
26574	22458	6	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	H	P	H	P
26575	22458	7	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	H	H	P	P
26576	22458	8	$\sqrt{\frac{-w^2+u^2w^2-u^2+v^2}{-1+v^2}}$	H	H	H	H

26577	22459	1	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	P	P	P	H
26578	22459	2	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	P	P	H	P
26579	22459	3	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	P	H	P	P
26580	22459	4	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	P	H	H	H
26581	22459	5	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	H	P	P	P
26582	22459	6	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	H	P	H	H
26583	22459	7	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	H	H	P	H
26584	22459	8	$\sqrt{-\frac{2-v^2-w^2+u^2w^2-u^2}{-1+v^2}}$	H	H	H	P
26585	22460	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	P	P	H	CD
26586	22461	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	P	H	CDI
26587	22462	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	P	P	H	CDF
26588	22463	1	$\frac{\sqrt{1-v^2}}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	P	H	CDIF
26589	22464	1	$\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	P	P	H	AB
26590	22464	2	$\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	P	H	P	AB
26591	22464	3	$\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	H	P	P	AB
26592	22464	4	$\frac{(-1+u^2)(-1+w^2)}{-1+v^2}$	H	H	H	AB
26593	22465	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	P	P	H	R

26594	22466	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	P	P	H	K
26595	22467	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	P	P	H	E
26596	22468	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	P	P	H	L
26597	22469	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	P	P	H	S
26598	22470	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	P	P	H	T
26599	22471	1	$\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}$	P	H	CD	CD
26600	22471	2	$\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}$	P	H	CDF	CDF
26601	22472	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}w}$	P	H	CD	CDI
26602	22472	2	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}w}$	P	H	CDF	CDIF
26603	22473	1	$\frac{\sqrt{1-u^2}w\pi}{\sqrt{-1+v^2}}$	P	H	CD	CDF
26604	22474	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}w\pi}$	P	H	CD	CDIF
26605	22475	1	$-\frac{w^2(-1+u^2)}{-1+v^2}$	P	H	CD	AB
26606	22475	2	$-\frac{w^2(-1+u^2)}{-1+v^2}$	H	P	CD	AB
26607	22476	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}}$	P	H	CD	R

26608	22477	1	$\frac{(1-u^2)^{3/2}w^3}{(-1+v^2)^{3/2}}$	P	H	CD	K
26609	22478	1	$e^{\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}}$	P	H	CD	E
26610	22479	1	$\log\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}\right)$	P	H	CD	L
26611	22480	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}\right)$	P	H	CD	S
26612	22481	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}}\right)$	P	H	CD	T
26613	22482	1	$\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}$	P	H	CDI	CD
26614	22483	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{1-u^2}}$	P	H	CDI	CDI
26615	22483	2	$\frac{\sqrt{-1+v^2}w}{\sqrt{1-u^2}}$	P	H	CDIF	CDIF
26616	22484	1	$\frac{\sqrt{1-u^2}\pi}{\sqrt{-1+v^2}w}$	P	H	CDI	CDF
26617	22485	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{1-u^2}\pi}$	P	H	CDI	CDIF
26618	22486	1	$-\frac{-1+u^2}{w^2(-1+v^2)}$	P	H	CDI	AB
26619	22486	2	$-\frac{-1+u^2}{w^2(-1+v^2)}$	H	P	CDI	AB
26620	22487	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}}$	P	H	CDI	R
26621	22488	1	$\frac{(1-u^2)^{3/2}}{(-1+v^2)^{3/2}w^3}$	P	H	CDI	K

26622	22489	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}}$	P	H	CDI	E
26623	22490	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}\right)$	P	H	CDI	L
26624	22491	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}\right)$	P	H	CDI	S
26625	22492	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w}\right)$	P	H	CDI	T
26626	22493	1	$\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}$	P	H	CDF	CD
26627	22494	1	$\frac{\sqrt{-1+v^2}\pi}{\sqrt{1-u^2}w}$	P	H	CDF	CDI
26628	22495	1	$-\frac{w^2(-1+u^2)}{\pi^2(-1+v^2)}$	P	H	CDF	AB
26629	22495	2	$-\frac{w^2(-1+u^2)}{\pi^2(-1+v^2)}$	H	P	CDF	AB
26630	22496	1	$\sqrt{\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}}$	P	H	CDF	R
26631	22497	1	$\frac{(1-u^2)^{3/2}w^3}{(-1+v^2)^{3/2}\pi^3}$	P	H	CDF	K
26632	22498	1	$e^{\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}}$	P	H	CDF	E
26633	22499	1	$\log\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}\right)$	P	H	CDF	L
26634	22500	1	$\arcsin\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}\right)$	P	H	CDF	S
26635	22501	1	$\arctan\left(\frac{\sqrt{1-u^2}w}{\sqrt{-1+v^2}\pi}\right)$	P	H	CDF	T

26636	22502	1	$\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}$	P	H	CDIF	CD
26637	22503	1	$\frac{\sqrt{-1+v^2}w\pi}{\sqrt{1-u^2}}$	P	H	CDIF	CDI
26638	22504	1	$\frac{\sqrt{-(u-1)(u+1)}}{\sqrt{(v-1)(v+1)}w}$	P	H	CDIF	CDF
26639	22505	1	$-\frac{-1+u^2}{w^2\pi^2(-1+v^2)}$	P	H	CDIF	AB
26640	22505	2	$-\frac{-1+u^2}{w^2\pi^2(-1+v^2)}$	H	P	CDIF	AB
26641	22506	1	$\sqrt{\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}}$	P	H	CDIF	R
26642	22507	1	$\frac{(1-u^2)^{3/2}}{(-1+v^2)^{3/2}w^3\pi^3}$	P	H	CDIF	K
26643	22508	1	$e^{\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}}$	P	H	CDIF	E
26644	22509	1	$\log\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}\right)$	P	H	CDIF	L
26645	22510	1	$\arcsin\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}\right)$	P	H	CDIF	S
26646	22511	1	$\arctan\left(\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}w\pi}\right)$	P	H	CDIF	T
26647	22512	1	$\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}$	P	H	AB	CD
26648	22513	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt{w}}$	P	H	AB	CDI
26649	22514	1	$\frac{\sqrt{1-u^2}\sqrt{w}\pi}{\sqrt{-1+v^2}}$	P	H	AB	CDF

26650	22515	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt{w}\pi}$	P	H	AB	CDIF
26651	22516	1	$-\frac{w(-1+u^2)}{-1+v^2}$	P	H	AB	AB
26652	22516	2	$-\frac{w(-1+u^2)}{-1+v^2}$	H	P	AB	AB
26653	22517	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}}$	P	H	AB	R
26654	22518	1	$\frac{(1-u^2)^{3/2}w^{3/2}}{(-1+v^2)^{3/2}}$	P	H	AB	K
26655	22519	1	$e^{\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}}$	P	H	AB	E
26656	22520	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	P	H	AB	L
26657	22521	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	P	H	AB	S
26658	22522	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	P	H	AB	T
26659	22523	1	$\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}$	P	H	R	CD
26660	22524	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}w^2}$	P	H	R	CDI
26661	22525	1	$\frac{\sqrt{-(u-1)(u+1)}w^2\pi}{\sqrt{(v-1)(v+1)}}$	P	H	R	CDF
26662	22526	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}w^2\pi}$	P	H	R	CDIF
26663	22527	1	$-\frac{w^4(-1+u^2)}{-1+v^2}$	P	H	R	AB
26664	22527	2	$-\frac{w^4(-1+u^2)}{-1+v^2}$	H	P	R	AB

26665	22528	1	$\sqrt{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}}$	P	H	R	R
26666	22529	1	$\frac{(1-u^2)^{3/2}w^6}{(-1+v^2)^{3/2}}$	P	H	R	K
26667	22530	1	$e^{\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}}$	P	H	R	E
26668	22531	1	$\log\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}\right)$	P	H	R	L
26669	22532	1	$\arcsin\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}\right)$	P	H	R	S
26670	22533	1	$\arctan\left(\frac{\sqrt{-(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}\right)$	P	H	R	T
26671	22534	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}$	P	H	K	CD
26672	22535	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt[3]{w}}$	P	H	K	CDI
26673	22536	1	$\frac{\sqrt{1-u^2}\sqrt[3]{w}\pi}{\sqrt{-1+v^2}}$	P	H	K	CDF
26674	22537	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt[3]{w}\pi}$	P	H	K	CDIF
26675	22538	1	$-\frac{(-1+u^2)w^{2/3}}{-1+v^2}$	P	H	K	AB
26676	22538	2	$-\frac{(-1+u^2)w^{2/3}}{-1+v^2}$	H	P	K	AB
26677	22539	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	P	H	K	R
26678	22540	1	$\frac{(1-u^2)^{3/2}w}{(-1+v^2)^{3/2}}$	P	H	K	K

26679	22541	1	$e^{\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{-1+v^2}}}$	P	H	K	E
26680	22542	1	$\log \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	P	H	K	L
26681	22543	1	$\arcsin \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	P	H	K	S
26682	22544	1	$\arctan \left(\frac{\sqrt{1-u^2} \sqrt[3]{w}}{\sqrt{-1+v^2}} \right)$	P	H	K	T
26683	22545	1	$\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{-1+v^2}}$	P	H	E	CD
26684	22546	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \ln(w)}$	P	H	E	CDI
26685	22547	1	$\frac{\sqrt{1-u^2} \ln(w) \pi}{\sqrt{-1+v^2}}$	P	H	E	CDF
26686	22548	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \ln(w) \pi}$	P	H	E	CDIF
26687	22549	1	$-\frac{(\ln(w))^2 (-1+u^2)}{-1+v^2}$	P	H	E	AB
26688	22549	2	$-\frac{(\ln(w))^2 (-1+u^2)}{-1+v^2}$	H	P	E	AB
26689	22550	1	$\sqrt{\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{-1+v^2}}}$	P	H	E	R
26690	22551	1	$\frac{(1-u^2)^{3/2} (\ln(w))^3}{(-1+v^2)^{3/2}}$	P	H	E	K
26691	22552	1	$w^{\frac{\sqrt{1-u^2}}{\sqrt{-1+v^2}}}$	P	H	E	E
26692	22553	1	$\log \left(\frac{\sqrt{1-u^2} \ln(w)}{\sqrt{-1+v^2}} \right)$	P	H	E	L

26693	22554	1	$\arcsin\left(\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{-1+v^2}}\right)$	P	H	E	S
26694	22555	1	$\arctan\left(\frac{\sqrt{1-u^2}\ln(w)}{\sqrt{-1+v^2}}\right)$	P	H	E	T
26695	22556	1	$\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}$	P	H	L	CD
26696	22557	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\text{Exp}(w)}$	P	H	L	CDI
26697	22558	1	$\frac{\sqrt{1-u^2}\text{Exp}(w)\pi}{\sqrt{-1+v^2}}$	P	H	L	CDF
26698	22559	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\text{Exp}(w)\pi}$	P	H	L	CDIF
26699	22560	1	$-\frac{(\text{Exp}(w))^2(-1+u^2)}{-1+v^2}$	P	H	L	AB
26700	22560	2	$-\frac{(\text{Exp}(w))^2(-1+u^2)}{-1+v^2}$	H	P	L	AB
26701	22561	1	$\sqrt{\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}}$	P	H	L	R
26702	22562	1	$\frac{(1-u^2)^{3/2}(\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	P	H	L	K
26703	22563	1	$e^{\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}}$	P	H	L	E
26704	22564	1	$\log\left(\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	P	H	L	L
26705	22565	1	$\arcsin\left(\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	P	H	L	S
26706	22566	1	$\arctan\left(\frac{\sqrt{1-u^2}\text{Exp}(w)}{\sqrt{-1+v^2}}\right)$	P	H	L	T

26707	22567	1	$\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}$	P	H	S	CD
26708	22568	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \sin(w)}$	P	H	S	CDI
26709	22569	1	$\frac{\sqrt{1-u^2} \sin(w) \pi}{\sqrt{-1+v^2}}$	P	H	S	CDF
26710	22570	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \sin(w) \pi}$	P	H	S	CDIF
26711	22571	1	$-\frac{(\sin(w))^2 (-1+u^2)}{-1+v^2}$	P	H	S	AB
26712	22571	2	$-\frac{(\sin(w))^2 (-1+u^2)}{-1+v^2}$	H	P	S	AB
26713	22572	1	$\sqrt{\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}}$	P	H	S	R
26714	22573	1	$\frac{(1-u^2)^{3/2} (\sin(w))^3}{(-1+v^2)^{3/2}}$	P	H	S	K
26715	22574	1	$e^{\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}}$	P	H	S	E
26716	22575	1	$\log\left(\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}\right)$	P	H	S	L
26717	22576	1	$\arcsin\left(\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}\right)$	P	H	S	S
26718	22577	1	$\arctan\left(\frac{\sqrt{1-u^2} \sin(w)}{\sqrt{-1+v^2}}\right)$	P	H	S	T
26719	22578	1	$\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}$	P	H	T	CD
26720	22579	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \tan(w)}$	P	H	T	CDI

26721	22580	1	$\frac{\sqrt{1-u^2} \tan(w) \pi}{\sqrt{-1+v^2}}$	P	H	T	CDF
26722	22581	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \tan(w) \pi}$	P	H	T	CDIF
26723	22582	1	$-\frac{(\tan(w))^2 (-1+u^2)}{-1+v^2}$	P	H	T	AB
26724	22582	2	$-\frac{(\tan(w))^2 (-1+u^2)}{-1+v^2}$	H	P	T	AB
26725	22583	1	$\sqrt{\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}}$	P	H	T	R
26726	22584	1	$\frac{(1-u^2)^{3/2} (\tan(w))^3}{(-1+v^2)^{3/2}}$	P	H	T	K
26727	22585	1	$e^{\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}}$	P	H	T	E
26728	22586	1	$\log\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}\right)$	P	H	T	L
26729	22587	1	$\arcsin\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}\right)$	P	H	T	S
26730	22588	1	$\arctan\left(\frac{\sqrt{1-u^2} \tan(w)}{\sqrt{-1+v^2}}\right)$	P	H	T	T
26731	22589	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2}}{\sqrt{-1+v^2}}$	P	H	P	CD
26732	22590	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \sqrt{1-w^2}}$	P	H	P	CDI
26733	22591	1	$\frac{\sqrt{1-u^2} \sqrt{1-w^2} \pi}{\sqrt{-1+v^2}}$	P	H	P	CDF
26734	22592	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2} \sqrt{1-w^2} \pi}$	P	H	P	CDIF

26735	22593	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	P	H	P	R
26736	22594	1	$\frac{(1-u^2)^{3/2}(1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	P	H	P	K
26737	22595	1	$e^{\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	P	H	P	E
26738	22596	1	$\log\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	P	H	P	L
26739	22597	1	$\arcsin\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	P	H	P	S
26740	22598	1	$\arctan\left(\frac{\sqrt{1-u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	P	H	P	T
26741	22599	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	P	H	H	CD
26742	22600	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt{-1+w^2}}$	P	H	H	CDI
26743	22601	1	$\frac{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	P	H	H	CDF
26744	22602	1	$\frac{\sqrt{-1+v^2}}{\sqrt{1-u^2}\sqrt{-1+w^2}\pi}$	P	H	H	CDIF
26745	22603	1	$\sqrt{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	P	H	H	R
26746	22604	1	$\frac{(1-u^2)^{3/2}(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	P	H	H	K
26747	22605	1	$e^{\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	P	H	H	E

26748	22606	1	$\log \left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	P	H	H	L
26749	22607	1	$\arcsin \left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	P	H	H	S
26750	22608	1	$\arctan \left(\frac{\sqrt{1-u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}} \right)$	P	H	H	T
26751	22609	1	$\frac{\sqrt{-1+u^2}w}{v}$	H	CD	CD	CD
26752	22609	2	$\frac{\sqrt{-1+u^2}w}{v}$	H	CD	CDF	CDF
26753	22609	3	$\frac{\sqrt{-1+u^2}w}{v}$	H	CDF	CDF	CD
26754	22610	1	$\frac{v}{\sqrt{-1+u^2}w}$	H	CD	CD	CDI
26755	22610	2	$\frac{v}{\sqrt{-1+u^2}w}$	H	CD	CDF	CDIF
26756	22610	3	$\frac{v}{\sqrt{-1+u^2}w}$	H	CDF	CDF	CDI
26757	22611	1	$\frac{\sqrt{-1+u^2}w\pi}{v}$	H	CD	CD	CDF
26758	22611	2	$\frac{\sqrt{-1+u^2}w\pi}{v}$	H	CDF	CD	CD
26759	22611	3	$\frac{\sqrt{-1+u^2}w\pi}{v}$	H	CDF	CDF	CDF
26760	22612	1	$\frac{v}{\sqrt{-1+u^2}w\pi}$	H	CD	CD	CDIF
26761	22612	2	$\frac{v}{\sqrt{-1+u^2}w\pi}$	H	CDF	CD	CDI
26762	22612	3	$\frac{v}{\sqrt{-1+u^2}w\pi}$	H	CDF	CDF	CDIF
26763	22613	1	$\frac{w^2(-1+u^2)}{v^2}$	H	CD	CD	AB
26764	22613	2	$\frac{w^2(-1+u^2)}{v^2}$	H	CDF	CDF	AB

26765	22614	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{v}}$	H	CD	CD	R
26766	22614	2	$\sqrt{\frac{\sqrt{-1+u^2}w}{v}}$	H	CDF	CDF	R
26767	22615	1	$\frac{(-1+u^2)^{3/2}w^3}{v^3}$	H	CD	CD	K
26768	22615	2	$\frac{(-1+u^2)^{3/2}w^3}{v^3}$	H	CDF	CDF	K
26769	22616	1	$e^{\frac{\sqrt{-1+u^2}w}{v}}$	H	CD	CD	E
26770	22616	2	$e^{\frac{\sqrt{-1+u^2}w}{v}}$	H	CDF	CDF	E
26771	22617	1	$\log\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CD	CD	L
26772	22617	2	$\log\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CDF	CDF	L
26773	22618	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CD	CD	S
26774	22618	2	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CDF	CDF	S
26775	22619	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CD	CD	T
26776	22619	2	$\arctan\left(\frac{\sqrt{-1+u^2}w}{v}\right)$	H	CDF	CDF	T
26777	22620	1	$\frac{\sqrt{-1+u^2}}{vw}$	H	CD	CDI	CD
26778	22621	1	$\frac{vw}{\sqrt{-1+u^2}}$	H	CD	CDI	CDI
26779	22621	2	$\frac{vw}{\sqrt{-1+u^2}}$	H	CD	CDIF	CDIF
26780	22621	3	$\frac{vw}{\sqrt{-1+u^2}}$	H	CDF	CDIF	CDI

26781	22622	1	$\frac{\sqrt{-1+u^2}\pi}{vw}$	H	CD	CDI	CDF
26782	22622	2	$\frac{\sqrt{-1+u^2}\pi}{vw}$	H	CDF	CDI	CD
26783	22623	1	$\frac{vw}{\sqrt{-1+u^2}\pi}$	H	CD	CDI	CDIF
26784	22623	2	$\frac{vw}{\sqrt{-1+u^2}\pi}$	H	CDF	CDI	CDI
26785	22623	3	$\frac{vw}{\sqrt{-1+u^2}\pi}$	H	CDF	CDIF	CDIF
26786	22624	1	$\frac{-1+u^2}{v^2w^2}$	H	CD	CDI	AB
26787	22624	2	$\frac{-1+u^2}{v^2w^2}$	H	CDF	CDIF	AB
26788	22625	1	$\sqrt{\frac{\sqrt{-1+u^2}}{vw}}$	H	CD	CDI	R
26789	22626	1	$\frac{(-1+u^2)^{3/2}}{v^3w^3}$	H	CD	CDI	K
26790	22626	2	$\frac{(-1+u^2)^{3/2}}{v^3w^3}$	H	CDF	CDIF	K
26791	22627	1	$e^{\frac{\sqrt{-1+u^2}}{vw}}$	H	CD	CDI	E
26792	22628	1	$\log\left(\frac{\sqrt{-1+u^2}}{vw}\right)$	H	CD	CDI	L
26793	22629	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{vw}\right)$	H	CD	CDI	S
26794	22630	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{vw}\right)$	H	CD	CDI	T
26795	22631	1	$\frac{\sqrt{-1+u^2}w}{v\pi}$	H	CD	CDF	CD
26796	22632	1	$\frac{v\pi}{\sqrt{-1+u^2}w}$	H	CD	CDF	CDI

26797	22633	1	$\frac{w^2(-1+u^2)}{v^2\pi^2}$	H	CD	CDF	AB
26798	22634	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{v\pi}}$	H	CD	CDF	R
26799	22635	1	$\frac{(-1+u^2)^{3/2}w^3}{v^3\pi^3}$	H	CD	CDF	K
26800	22636	1	$e^{\frac{\sqrt{-1+u^2}w}{v\pi}}$	H	CD	CDF	E
26801	22637	1	$\log\left(\frac{\sqrt{-1+u^2}w}{v\pi}\right)$	H	CD	CDF	L
26802	22638	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{v\pi}\right)$	H	CD	CDF	S
26803	22639	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{v\pi}\right)$	H	CD	CDF	T
26804	22640	1	$\frac{\sqrt{-1+u^2}}{vw\pi}$	H	CD	CDIF	CD
26805	22641	1	$\frac{vw\pi}{\sqrt{-1+u^2}}$	H	CD	CDIF	CDI
26806	22642	1	$\frac{\sqrt{(u-1)(u+1)}}{vw}$	H	CD	CDIF	CDF
26807	22642	2	$\frac{\sqrt{(u-1)(u+1)}}{vw}$	H	CDF	CDIF	CD
26808	22643	1	$\frac{-1+u^2}{v^2w^2\pi^2}$	H	CD	CDIF	AB
26809	22644	1	$\sqrt{\frac{\sqrt{-1+u^2}}{vw\pi}}$	H	CD	CDIF	R
26810	22645	1	$\frac{(-1+u^2)^{3/2}}{v^3w^3\pi^3}$	H	CD	CDIF	K

26811	22646	1	$e^{\frac{\sqrt{-1+u^2}}{vw\pi}}$	H	CD	CDIF	E
26812	22647	1	$\log\left(\frac{\sqrt{-1+u^2}}{vw\pi}\right)$	H	CD	CDIF	L
26813	22648	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{vw\pi}\right)$	H	CD	CDIF	S
26814	22649	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{vw\pi}\right)$	H	CD	CDIF	T
26815	22650	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{v}$	H	CD	AB	CD
26816	22651	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{w}}$	H	CD	AB	CDI
26817	22652	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v}$	H	CD	AB	CDF
26818	22652	2	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v}$	H	CDF	AB	CD
26819	22653	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	CD	AB	CDIF
26820	22653	2	$\frac{v}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	CDF	AB	CDI
26821	22654	1	$\frac{w(-1+u^2)}{v^2}$	H	CD	AB	AB
26822	22655	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{v}}$	H	CD	AB	R
26823	22656	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{v^3}$	H	CD	AB	K
26824	22657	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{v}}$	H	CD	AB	E

26825	22658	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{v}\right)$	H	CD	AB	L
26826	22659	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{v}\right)$	H	CD	AB	S
26827	22660	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{v}\right)$	H	CD	AB	T
26828	22661	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{v}$	H	CD	R	CD
26829	22662	1	$\frac{v}{\sqrt{-1+u^2}w^2}$	H	CD	R	CDI
26830	22663	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{v}$	H	CD	R	CDF
26831	22663	2	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{v}$	H	CDF	R	CD
26832	22664	1	$\frac{v}{\sqrt{-1+u^2}w^2\pi}$	H	CD	R	CDIF
26833	22664	2	$\frac{v}{\sqrt{-1+u^2}w^2\pi}$	H	CDF	R	CDI
26834	22665	1	$\frac{w^4(-1+u^2)}{v^2}$	H	CD	R	AB
26835	22666	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{v}}$	H	CD	R	R
26836	22667	1	$\frac{(-1+u^2)^{3/2}w^6}{v^3}$	H	CD	R	K
26837	22668	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{v}}$	H	CD	R	E
26838	22669	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v}\right)$	H	CD	R	L
26839	22670	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v}\right)$	H	CD	R	S

26840	22671	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v}\right)$	H	CD	R	T
26841	22672	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}$	H	CD	K	CD
26842	22673	1	$\frac{v}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	CD	K	CDI
26843	22674	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{v}$	H	CD	K	CDF
26844	22674	2	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{v}$	H	CDF	K	CD
26845	22675	1	$\frac{v}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	CD	K	CDIF
26846	22675	2	$\frac{v}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	CDF	K	CDI
26847	22676	1	$\frac{(-1+u^2)w^{2/3}}{v^2}$	H	CD	K	AB
26848	22677	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}}$	H	CD	K	R
26849	22678	1	$\frac{(-1+u^2)^{3/2}w}{v^3}$	H	CD	K	K
26850	22679	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}}$	H	CD	K	E
26851	22680	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}\right)$	H	CD	K	L
26852	22681	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}\right)$	H	CD	K	S
26853	22682	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{v}\right)$	H	CD	K	T

26854	22683	1	$\frac{\sqrt{-1+u^2}\ln(w)}{v}$	H	CD	E	CD
26855	22684	1	$\frac{v}{\sqrt{-1+u^2}\ln(w)}$	H	CD	E	CDI
26856	22685	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{v}$	H	CD	E	CDF
26857	22685	2	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{v}$	H	CDF	E	CD
26858	22686	1	$\frac{v}{\sqrt{-1+u^2}\ln(w)\pi}$	H	CD	E	CDIF
26859	22686	2	$\frac{v}{\sqrt{-1+u^2}\ln(w)\pi}$	H	CDF	E	CDI
26860	22687	1	$\frac{(\ln(w))^2(-1+u^2)}{v^2}$	H	CD	E	AB
26861	22688	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{v}}$	H	CD	E	R
26862	22689	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{v^3}$	H	CD	E	K
26863	22690	1	$w^{\frac{\sqrt{-1+u^2}}{v}}$	H	CD	E	E
26864	22691	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{v}\right)$	H	CD	E	L
26865	22692	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{v}\right)$	H	CD	E	S
26866	22693	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{v}\right)$	H	CD	E	T
26867	22694	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)}{v}$	H	CD	L	CD
26868	22695	1	$\frac{v}{\sqrt{-1+u^2}\text{Exp}(w)}$	H	CD	L	CDI

26869	22696	1	$\frac{\sqrt{-1+u^2}Exp(w)\pi}{v}$	H	CD	L	CDF
26870	22696	2	$\frac{\sqrt{-1+u^2}Exp(w)\pi}{v}$	H	CDF	L	CD
26871	22697	1	$\frac{v}{\sqrt{-1+u^2}Exp(w)\pi}$	H	CD	L	CDIF
26872	22697	2	$\frac{v}{\sqrt{-1+u^2}Exp(w)\pi}$	H	CDF	L	CDI
26873	22698	1	$\frac{(Exp(w))^2(-1+u^2)}{v^2}$	H	CD	L	AB
26874	22699	1	$\sqrt{\frac{\sqrt{-1+u^2}Exp(w)}{v}}$	H	CD	L	R
26875	22700	1	$\frac{(-1+u^2)^{3/2}(Exp(w))^3}{v^3}$	H	CD	L	K
26876	22701	1	$e^{\frac{\sqrt{-1+u^2}Exp(w)}{v}}$	H	CD	L	E
26877	22702	1	$\log\left(\frac{\sqrt{-1+u^2}Exp(w)}{v}\right)$	H	CD	L	L
26878	22703	1	$\arcsin\left(\frac{\sqrt{-1+u^2}Exp(w)}{v}\right)$	H	CD	L	S
26879	22704	1	$\arctan\left(\frac{\sqrt{-1+u^2}Exp(w)}{v}\right)$	H	CD	L	T
26880	22705	1	$\frac{\sqrt{-1+u^2}\sin(w)}{v}$	H	CD	S	CD
26881	22706	1	$\frac{v}{\sqrt{-1+u^2}\sin(w)}$	H	CD	S	CDI
26882	22707	1	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{v}$	H	CD	S	CDF
26883	22707	2	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{v}$	H	CDF	S	CD

26884	22708	1	$\frac{v}{\sqrt{-1+u^2} \sin(w) \pi}$	H	CD	S	CDIF
26885	22708	2	$\frac{v}{\sqrt{-1+u^2} \sin(w) \pi}$	H	CDF	S	CDI
26886	22709	1	$\frac{(\sin(w))^2 (-1+u^2)}{v^2}$	H	CD	S	AB
26887	22710	1	$\sqrt{\frac{\sqrt{-1+u^2} \sin(w)}{v}}$	H	CD	S	R
26888	22711	1	$\frac{(-1+u^2)^{3/2} (\sin(w))^3}{v^3}$	H	CD	S	K
26889	22712	1	$e^{\frac{\sqrt{-1+u^2} \sin(w)}{v}}$	H	CD	S	E
26890	22713	1	$\log\left(\frac{\sqrt{-1+u^2} \sin(w)}{v}\right)$	H	CD	S	L
26891	22714	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \sin(w)}{v}\right)$	H	CD	S	S
26892	22715	1	$\arctan\left(\frac{\sqrt{-1+u^2} \sin(w)}{v}\right)$	H	CD	S	T
26893	22716	1	$\frac{\sqrt{-1+u^2} \tan(w)}{v}$	H	CD	T	CD
26894	22717	1	$\frac{v}{\sqrt{-1+u^2} \tan(w)}$	H	CD	T	CDI
26895	22718	1	$\frac{\sqrt{-1+u^2} \tan(w) \pi}{v}$	H	CD	T	CDF
26896	22718	2	$\frac{\sqrt{-1+u^2} \tan(w) \pi}{v}$	H	CDF	T	CD
26897	22719	1	$\frac{v}{\sqrt{-1+u^2} \tan(w) \pi}$	H	CD	T	CDIF
26898	22719	2	$\frac{v}{\sqrt{-1+u^2} \tan(w) \pi}$	H	CDF	T	CDI

26899	22720	1	$\frac{(\tan(w))^2(-1+u^2)}{v^2}$	H	CD	T	AB
26900	22721	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{v}}$	H	CD	T	R
26901	22722	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{v^3}$	H	CD	T	K
26902	22723	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{v}}$	H	CD	T	E
26903	22724	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{v}\right)$	H	CD	T	L
26904	22725	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{v}\right)$	H	CD	T	S
26905	22726	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{v}\right)$	H	CD	T	T
26906	22727	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}$	H	CD	P	CD
26907	22728	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	CD	P	CDI
26908	22729	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}$	H	CD	P	CDF
26909	22729	2	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}$	H	CDF	P	CD
26910	22730	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	CD	P	CDIF
26911	22730	2	$\frac{v}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	CDF	P	CDI
26912	22731	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}}$	H	CD	P	R
26913	22732	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{v^3}$	H	CD	P	K

26914	22733	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}}$	H	CD	P	E
26915	22734	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}\right)$	H	CD	P	L
26916	22735	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}\right)$	H	CD	P	S
26917	22736	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{v}\right)$	H	CD	P	T
26918	22737	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}$	H	CD	H	CD
26919	22738	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	CD	H	CDI
26920	22739	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}$	H	CD	H	CDF
26921	22739	2	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}$	H	CDF	H	CD
26922	22740	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	CD	H	CDIF
26923	22740	2	$\frac{v}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	CDF	H	CDI
26924	22741	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}}$	H	CD	H	R
26925	22742	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{v^3}$	H	CD	H	K
26926	22743	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}}$	H	CD	H	E
26927	22744	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}\right)$	H	CD	H	L

26928	22745	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}\right)$	H	CD	H	S
26929	22746	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{v}\right)$	H	CD	H	T
26930	22747	1	$\sqrt{-1+u^2}vw$	H	CDI	CD	CD
26931	22748	1	$\frac{1}{\sqrt{-1+u^2}vw}$	H	CDI	CD	CDI
26932	22748	2	$\frac{1}{\sqrt{-1+u^2}vw}$	H	CDI	CDF	CDIF
26933	22748	3	$\frac{1}{\sqrt{-1+u^2}vw}$	H	CDIF	CDF	CDI
26934	22749	1	$\sqrt{-1+u^2}vw\pi$	H	CDI	CD	CDF
26935	22749	2	$\sqrt{-1+u^2}vw\pi$	H	CDIF	CD	CD
26936	22750	1	$\frac{1}{\sqrt{-1+u^2}vw\pi}$	H	CDI	CD	CDIF
26937	22750	2	$\frac{1}{\sqrt{-1+u^2}vw\pi}$	H	CDIF	CD	CDI
26938	22750	3	$\frac{1}{\sqrt{-1+u^2}vw\pi}$	H	CDIF	CDF	CDIF
26939	22751	1	$v^2w^2(-1+u^2)$	H	CDI	CD	AB
26940	22751	2	$v^2w^2(-1+u^2)$	H	CDIF	CDF	AB
26941	22752	1	$\sqrt{\sqrt{-1+u^2}vw}$	H	CDI	CD	R
26942	22753	1	$(-1+u^2)^{3/2}v^3w^3$	H	CDI	CD	K
26943	22753	2	$(-1+u^2)^{3/2}v^3w^3$	H	CDIF	CDF	K
26944	22754	1	$e^{\sqrt{-1+u^2}vw}$	H	CDI	CD	E
26945	22755	1	$\log\left(\sqrt{-1+u^2}vw\right)$	H	CDI	CD	L

26946	22756	1	$\arcsin\left(\sqrt{-1+u^2}vw\right)$	H	CDI	CD	S
26947	22757	1	$\arctan\left(\sqrt{-1+u^2}vw\right)$	H	CDI	CD	T
26948	22758	1	$\frac{\sqrt{-1+u^2}v}{w}$	H	CDI	CDI	CD
26949	22759	1	$\frac{w}{\sqrt{-1+u^2}v}$	H	CDI	CDI	CDI
26950	22759	2	$\frac{w}{\sqrt{-1+u^2}v}$	H	CDI	CDIF	CDIF
26951	22759	3	$\frac{w}{\sqrt{-1+u^2}v}$	H	CDIF	CDIF	CDI
26952	22760	1	$\frac{\sqrt{-1+u^2}v\pi}{w}$	H	CDI	CDI	CDF
26953	22760	2	$\frac{\sqrt{-1+u^2}v\pi}{w}$	H	CDIF	CDI	CD
26954	22761	1	$\frac{w}{\sqrt{-1+u^2}v\pi}$	H	CDI	CDI	CDIF
26955	22761	2	$\frac{w}{\sqrt{-1+u^2}v\pi}$	H	CDIF	CDI	CDI
26956	22761	3	$\frac{w}{\sqrt{-1+u^2}v\pi}$	H	CDIF	CDIF	CDIF
26957	22762	1	$\frac{v^2(-1+u^2)}{w^2}$	H	CDI	CDI	AB
26958	22762	2	$\frac{v^2(-1+u^2)}{w^2}$	H	CDIF	CDIF	AB
26959	22763	1	$\sqrt{\frac{\sqrt{-1+u^2}v}{w}}$	H	CDI	CDI	R
26960	22764	1	$\frac{(-1+u^2)^{3/2}v^3}{w^3}$	H	CDI	CDI	K
26961	22764	2	$\frac{(-1+u^2)^{3/2}v^3}{w^3}$	H	CDIF	CDIF	K
26962	22765	1	$e^{\frac{\sqrt{-1+u^2}v}{w}}$	H	CDI	CDI	E

26963	22766	1	$\log\left(\frac{\sqrt{-1+u^2v}}{w}\right)$	H	CDI	CDI	L
26964	22767	1	$\arcsin\left(\frac{\sqrt{-1+u^2v}}{w}\right)$	H	CDI	CDI	S
26965	22768	1	$\arctan\left(\frac{\sqrt{-1+u^2v}}{w}\right)$	H	CDI	CDI	T
26966	22769	1	$\frac{\sqrt{-1+u^2vw}}{\pi}$	H	CDI	CDF	CD
26967	22770	1	$\frac{\pi}{\sqrt{-1+u^2vw}}$	H	CDI	CDF	CDI
26968	22771	1	$\sqrt{(u-1)(u+1)}vw$	H	CDI	CDF	CDF
26969	22771	2	$\sqrt{(u-1)(u+1)}vw$	H	CDIF	CDF	CD
26970	22772	1	$\frac{v^2w^2(-1+u^2)}{\pi^2}$	H	CDI	CDF	AB
26971	22773	1	$\sqrt{\frac{\sqrt{-1+u^2vw}}{\pi}}$	H	CDI	CDF	R
26972	22774	1	$\frac{(-1+u^2)^{3/2}v^3w^3}{\pi^3}$	H	CDI	CDF	K
26973	22775	1	$e^{\frac{\sqrt{-1+u^2vw}}{\pi}}$	H	CDI	CDF	E
26974	22776	1	$\log\left(\frac{\sqrt{-1+u^2vw}}{\pi}\right)$	H	CDI	CDF	L
26975	22777	1	$\arcsin\left(\frac{\sqrt{-1+u^2vw}}{\pi}\right)$	H	CDI	CDF	S
26976	22778	1	$\arctan\left(\frac{\sqrt{-1+u^2vw}}{\pi}\right)$	H	CDI	CDF	T
26977	22779	1	$\frac{\sqrt{-1+u^2v}}{w\pi}$	H	CDI	CDIF	CD

26978	22780	1	$\frac{w\pi}{\sqrt{-1+u^2v}}$	H	CDI	CDIF	CDI
26979	22781	1	$\frac{\sqrt{(u-1)(u+1)}v}{w}$	H	CDI	CDIF	CDF
26980	22781	2	$\frac{\sqrt{(u-1)(u+1)}v}{w}$	H	CDIF	CDIF	CD
26981	22782	1	$\frac{v^2(-1+u^2)}{w^2\pi^2}$	H	CDI	CDIF	AB
26982	22783	1	$\sqrt{\frac{\sqrt{-1+u^2v}}{w\pi}}$	H	CDI	CDIF	R
26983	22784	1	$\frac{(-1+u^2)^{3/2}v^3}{w^3\pi^3}$	H	CDI	CDIF	K
26984	22785	1	$e^{\frac{\sqrt{-1+u^2v}}{w\pi}}$	H	CDI	CDIF	E
26985	22786	1	$\log\left(\frac{\sqrt{-1+u^2v}}{w\pi}\right)$	H	CDI	CDIF	L
26986	22787	1	$\arcsin\left(\frac{\sqrt{-1+u^2v}}{w\pi}\right)$	H	CDI	CDIF	S
26987	22788	1	$\arctan\left(\frac{\sqrt{-1+u^2v}}{w\pi}\right)$	H	CDI	CDIF	T
26988	22789	1	$\sqrt{-1+u^2v}\sqrt{w}$	H	CDI	AB	CD
26989	22790	1	$\frac{1}{\sqrt{-1+u^2v}\sqrt{w}}$	H	CDI	AB	CDI
26990	22791	1	$\sqrt{-1+u^2v}\sqrt{w}\pi$	H	CDI	AB	CDF
26991	22791	2	$\sqrt{-1+u^2v}\sqrt{w}\pi$	H	CDIF	AB	CD
26992	22792	1	$\frac{1}{\sqrt{-1+u^2v}\sqrt{w}\pi}$	H	CDI	AB	CDIF

26993	22792	2	$\frac{1}{\sqrt{-1+u^2v}\sqrt{w}\pi}$	H	CDIF	AB	CDI
26994	22793	1	$v^2w(-1+u^2)$	H	CDI	AB	AB
26995	22794	1	$\sqrt{\sqrt{-1+u^2v}\sqrt{w}}$	H	CDI	AB	R
26996	22795	1	$(-1+u^2)^{3/2}v^3w^{3/2}$	H	CDI	AB	K
26997	22796	1	$e^{\sqrt{-1+u^2v}\sqrt{w}}$	H	CDI	AB	E
26998	22797	1	$\log\left(\sqrt{-1+u^2v}\sqrt{w}\right)$	H	CDI	AB	L
26999	22798	1	$\arcsin\left(\sqrt{-1+u^2v}\sqrt{w}\right)$	H	CDI	AB	S
27000	22799	1	$\arctan\left(\sqrt{-1+u^2v}\sqrt{w}\right)$	H	CDI	AB	T
27001	22800	1	$\sqrt{(u-1)(u+1)}vw^2$	H	CDI	R	CD
27002	22801	1	$\frac{1}{\sqrt{-1+u^2vw^2}}$	H	CDI	R	CDI
27003	22802	1	$\sqrt{(u-1)(u+1)}vw^2\pi$	H	CDI	R	CDF
27004	22802	2	$\sqrt{(u-1)(u+1)}vw^2\pi$	H	CDIF	R	CD
27005	22803	1	$\frac{1}{\sqrt{-1+u^2vw^2}\pi}$	H	CDI	R	CDIF
27006	22803	2	$\frac{1}{\sqrt{-1+u^2vw^2}\pi}$	H	CDIF	R	CDI
27007	22804	1	$v^2w^4(-1+u^2)$	H	CDI	R	AB
27008	22805	1	$\sqrt{\sqrt{(u-1)(u+1)}vw^2}$	H	CDI	R	R
27009	22806	1	$(-1+u^2)^{3/2}v^3w^6$	H	CDI	R	K

27010	22807	1	$e\sqrt{(u-1)(u+1)}vw^2$	H	CDI	R	E
27011	22808	1	$\log\left(\sqrt{(u-1)(u+1)}vw^2\right)$	H	CDI	R	L
27012	22809	1	$\arcsin\left(\sqrt{(u-1)(u+1)}vw^2\right)$	H	CDI	R	S
27013	22810	1	$\arctan\left(\sqrt{(u-1)(u+1)}vw^2\right)$	H	CDI	R	T
27014	22811	1	$\sqrt{-1+u^2}v\sqrt[3]{w}$	H	CDI	K	CD
27015	22812	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt[3]{w}}$	H	CDI	K	CDI
27016	22813	1	$\sqrt{-1+u^2}v\sqrt[3]{w}\pi$	H	CDI	K	CDF
27017	22813	2	$\sqrt{-1+u^2}v\sqrt[3]{w}\pi$	H	CDIF	K	CD
27018	22814	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt[3]{w}\pi}$	H	CDI	K	CDIF
27019	22814	2	$\frac{1}{\sqrt{-1+u^2}v\sqrt[3]{w}\pi}$	H	CDIF	K	CDI
27020	22815	1	$(-1+u^2)v^2w^{2/3}$	H	CDI	K	AB
27021	22816	1	$\sqrt{\sqrt{-1+u^2}v\sqrt[3]{w}}$	H	CDI	K	R
27022	22817	1	$(-1+u^2)^{3/2}v^3w$	H	CDI	K	K
27023	22818	1	$e^{\sqrt{-1+u^2}v\sqrt[3]{w}}$	H	CDI	K	E
27024	22819	1	$\log\left(\sqrt{-1+u^2}v\sqrt[3]{w}\right)$	H	CDI	K	L
27025	22820	1	$\arcsin\left(\sqrt{-1+u^2}v\sqrt[3]{w}\right)$	H	CDI	K	S
27026	22821	1	$\arctan\left(\sqrt{-1+u^2}v\sqrt[3]{w}\right)$	H	CDI	K	T

27027	22822	1	$\sqrt{-1 + u^2 v} \ln(w)$	H	CDI	E	CD
27028	22823	1	$\frac{1}{\sqrt{-1 + u^2 v} \ln(w)}$	H	CDI	E	CDI
27029	22824	1	$\sqrt{-1 + u^2 v} \ln(w) \pi$	H	CDI	E	CDF
27030	22824	2	$\sqrt{-1 + u^2 v} \ln(w) \pi$	H	CDIF	E	CD
27031	22825	1	$\frac{1}{\sqrt{-1 + u^2 v} \ln(w) \pi}$	H	CDI	E	CDIF
27032	22825	2	$\frac{1}{\sqrt{-1 + u^2 v} \ln(w) \pi}$	H	CDIF	E	CDI
27033	22826	1	$v^2 (\ln(w))^2 (-1 + u^2)$	H	CDI	E	AB
27034	22827	1	$\sqrt{\sqrt{-1 + u^2 v} \ln(w)}$	H	CDI	E	R
27035	22828	1	$(-1 + u^2)^{3/2} v^3 (\ln(w))^3$	H	CDI	E	K
27036	22829	1	$w^{\sqrt{-1 + u^2 v}}$	H	CDI	E	E
27037	22830	1	$\log\left(\sqrt{-1 + u^2 v} \ln(w)\right)$	H	CDI	E	L
27038	22831	1	$\arcsin\left(\sqrt{-1 + u^2 v} \ln(w)\right)$	H	CDI	E	S
27039	22832	1	$\arctan\left(\sqrt{-1 + u^2 v} \ln(w)\right)$	H	CDI	E	T
27040	22833	1	$\sqrt{-1 + u^2 v} \text{Exp}(w)$	H	CDI	L	CD
27041	22834	1	$\frac{1}{\sqrt{-1 + u^2 v} \text{Exp}(w)}$	H	CDI	L	CDI
27042	22835	1	$\sqrt{-1 + u^2 v} \text{Exp}(w) \pi$	H	CDI	L	CDF
27043	22835	2	$\sqrt{-1 + u^2 v} \text{Exp}(w) \pi$	H	CDIF	L	CD

27044	22836	1	$\frac{1}{\sqrt{-1+u^2v}Exp(w)\pi}$	H	CDI	L	CDIF
27045	22836	2	$\frac{1}{\sqrt{-1+u^2v}Exp(w)\pi}$	H	CDIF	L	CDI
27046	22837	1	$v^2(Exp(w))^2(-1+u^2)$	H	CDI	L	AB
27047	22838	1	$\sqrt{\sqrt{-1+u^2v}Exp(w)}$	H	CDI	L	R
27048	22839	1	$(-1+u^2)^{3/2}v^3(Exp(w))^3$	H	CDI	L	K
27049	22840	1	$e^{\sqrt{-1+u^2v}Exp(w)}$	H	CDI	L	E
27050	22841	1	$\log\left(\sqrt{-1+u^2v}Exp(w)\right)$	H	CDI	L	L
27051	22842	1	$\arcsin\left(\sqrt{-1+u^2v}Exp(w)\right)$	H	CDI	L	S
27052	22843	1	$\arctan\left(\sqrt{-1+u^2v}Exp(w)\right)$	H	CDI	L	T
27053	22844	1	$\sqrt{-1+u^2v}\sin(w)$	H	CDI	S	CD
27054	22845	1	$\frac{1}{\sqrt{-1+u^2v}\sin(w)}$	H	CDI	S	CDI
27055	22846	1	$\sqrt{-1+u^2v}\sin(w)\pi$	H	CDI	S	CDF
27056	22846	2	$\sqrt{-1+u^2v}\sin(w)\pi$	H	CDIF	S	CD
27057	22847	1	$\frac{1}{\sqrt{-1+u^2v}\sin(w)\pi}$	H	CDI	S	CDIF
27058	22847	2	$\frac{1}{\sqrt{-1+u^2v}\sin(w)\pi}$	H	CDIF	S	CDI
27059	22848	1	$v^2(\sin(w))^2(-1+u^2)$	H	CDI	S	AB
27060	22849	1	$\sqrt{\sqrt{-1+u^2v}\sin(w)}$	H	CDI	S	R

27061	22850	1	$(-1 + u^2)^{3/2} v^3 (\sin(w))^3$	H	CDI	S	K
27062	22851	1	$e^{\sqrt{-1+u^2}v \sin(w)}$	H	CDI	S	E
27063	22852	1	$\log\left(\sqrt{-1 + u^2}v \sin(w)\right)$	H	CDI	S	L
27064	22853	1	$\arcsin\left(\sqrt{-1 + u^2}v \sin(w)\right)$	H	CDI	S	S
27065	22854	1	$\arctan\left(\sqrt{-1 + u^2}v \sin(w)\right)$	H	CDI	S	T
27066	22855	1	$\sqrt{-1 + u^2}v \tan(w)$	H	CDI	T	CD
27067	22856	1	$\frac{1}{\sqrt{-1 + u^2}v \tan(w)}$	H	CDI	T	CDI
27068	22857	1	$\sqrt{-1 + u^2}v \tan(w) \pi$	H	CDI	T	CDF
27069	22857	2	$\sqrt{-1 + u^2}v \tan(w) \pi$	H	CDIF	T	CD
27070	22858	1	$\frac{1}{\sqrt{-1 + u^2}v \tan(w) \pi}$	H	CDI	T	CDIF
27071	22858	2	$\frac{1}{\sqrt{-1 + u^2}v \tan(w) \pi}$	H	CDIF	T	CDI
27072	22859	1	$v^2 (\tan(w))^2 (-1 + u^2)$	H	CDI	T	AB
27073	22860	1	$\sqrt{\sqrt{-1 + u^2}v \tan(w)}$	H	CDI	T	R
27074	22861	1	$(-1 + u^2)^{3/2} v^3 (\tan(w))^3$	H	CDI	T	K
27075	22862	1	$e^{\sqrt{-1+u^2}v \tan(w)}$	H	CDI	T	E
27076	22863	1	$\log\left(\sqrt{-1 + u^2}v \tan(w)\right)$	H	CDI	T	L
27077	22864	1	$\arcsin\left(\sqrt{-1 + u^2}v \tan(w)\right)$	H	CDI	T	S

27078	22865	1	$\arctan\left(\sqrt{-1+u^2}v\tan(w)\right)$	H	CDI	T	T
27079	22866	1	$\sqrt{-1+u^2}v\sqrt{1-w^2}$	H	CDI	P	CD
27080	22867	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt{1-w^2}}$	H	CDI	P	CDI
27081	22868	1	$\sqrt{-1+u^2}v\sqrt{1-w^2}\pi$	H	CDI	P	CDF
27082	22868	2	$\sqrt{-1+u^2}v\sqrt{1-w^2}\pi$	H	CDIF	P	CD
27083	22869	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt{1-w^2}\pi}$	H	CDI	P	CDIF
27084	22869	2	$\frac{1}{\sqrt{-1+u^2}v\sqrt{1-w^2}\pi}$	H	CDIF	P	CDI
27085	22870	1	$\sqrt{\sqrt{-1+u^2}v\sqrt{1-w^2}}$	H	CDI	P	R
27086	22871	1	$(-1+u^2)^{3/2}v^3(1-w^2)^{3/2}$	H	CDI	P	K
27087	22872	1	$e^{\sqrt{-1+u^2}v\sqrt{1-w^2}}$	H	CDI	P	E
27088	22873	1	$\log\left(\sqrt{-1+u^2}v\sqrt{1-w^2}\right)$	H	CDI	P	L
27089	22874	1	$\arcsin\left(\sqrt{-1+u^2}v\sqrt{1-w^2}\right)$	H	CDI	P	S
27090	22875	1	$\arctan\left(\sqrt{-1+u^2}v\sqrt{1-w^2}\right)$	H	CDI	P	T
27091	22876	1	$\sqrt{-1+u^2}v\sqrt{-1+w^2}$	H	CDI	H	CD
27092	22877	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt{-1+w^2}}$	H	CDI	H	CDI
27093	22878	1	$\sqrt{-1+u^2}v\sqrt{-1+w^2}\pi$	H	CDI	H	CDF
27094	22878	2	$\sqrt{-1+u^2}v\sqrt{-1+w^2}\pi$	H	CDIF	H	CD

27095	22879	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt{-1+w^2}\pi}$	H	CDI	H	CDIF
27096	22879	2	$\frac{1}{\sqrt{-1+u^2}v\sqrt{-1+w^2}\pi}$	H	CDIF	H	CDI
27097	22880	1	$\sqrt{\sqrt{-1+u^2}v\sqrt{-1+w^2}}$	H	CDI	H	R
27098	22881	1	$(-1+u^2)^{3/2}v^3(-1+w^2)^{3/2}$	H	CDI	H	K
27099	22882	1	$e^{\sqrt{-1+u^2}v\sqrt{-1+w^2}}$	H	CDI	H	E
27100	22883	1	$\log\left(\sqrt{-1+u^2}v\sqrt{-1+w^2}\right)$	H	CDI	H	L
27101	22884	1	$\arcsin\left(\sqrt{-1+u^2}v\sqrt{-1+w^2}\right)$	H	CDI	H	S
27102	22885	1	$\arctan\left(\sqrt{-1+u^2}v\sqrt{-1+w^2}\right)$	H	CDI	H	T
27103	22886	1	$\frac{\sqrt{-1+u^2}w\pi^2}{v}$	H	CDF	CD	CDF
27104	22887	1	$\frac{v}{\sqrt{-1+u^2}w\pi^2}$	H	CDF	CD	CDIF
27105	22888	1	$\frac{w^2\pi^2(-1+u^2)}{v^2}$	H	CDF	CD	AB
27106	22889	1	$\sqrt{\frac{\sqrt{-1+u^2}w\pi}{v}}$	H	CDF	CD	R
27107	22890	1	$\frac{(-1+u^2)^{3/2}\pi^3w^3}{v^3}$	H	CDF	CD	K
27108	22891	1	$e^{\frac{\sqrt{-1+u^2}w\pi}{v}}$	H	CDF	CD	E
27109	22892	1	$\log\left(\frac{\sqrt{-1+u^2}w\pi}{v}\right)$	H	CDF	CD	L

27110	22893	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w\pi}{v}\right)$	H	CDF	CD	S
27111	22894	1	$\arctan\left(\frac{\sqrt{-1+u^2}w\pi}{v}\right)$	H	CDF	CD	T
27112	22895	1	$\frac{\sqrt{-1+u^2}\pi^2}{vw}$	H	CDF	CDI	CDF
27113	22896	1	$\frac{vw}{\sqrt{-1+u^2}\pi^2}$	H	CDF	CDI	CDIF
27114	22897	1	$\frac{\pi^2(-1+u^2)}{v^2w^2}$	H	CDF	CDI	AB
27115	22898	1	$\sqrt{\frac{\sqrt{-1+u^2}\pi}{vw}}$	H	CDF	CDI	R
27116	22899	1	$\frac{(-1+u^2)^{3/2}\pi^3}{v^3w^3}$	H	CDF	CDI	K
27117	22900	1	$e^{\frac{\sqrt{-1+u^2}\pi}{vw}}$	H	CDF	CDI	E
27118	22901	1	$\log\left(\frac{\sqrt{-1+u^2}\pi}{vw}\right)$	H	CDF	CDI	L
27119	22902	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\pi}{vw}\right)$	H	CDF	CDI	S
27120	22903	1	$\arctan\left(\frac{\sqrt{-1+u^2}\pi}{vw}\right)$	H	CDF	CDI	T
27121	22904	1	$\frac{\sqrt{(u-1)(u+1)}\pi}{vw}$	H	CDF	CDIF	CDF
27122	22905	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}}{vw}}$	H	CDF	CDIF	R
27123	22906	1	$e^{\frac{\sqrt{(u-1)(u+1)}}{vw}}$	H	CDF	CDIF	E

27124	22907	1	$\log \left(\frac{\sqrt{(u-1)(u+1)}}{vw} \right)$	H	CDF	CDIF	L
27125	22908	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)}}{vw} \right)$	H	CDF	CDIF	S
27126	22909	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)}}{vw} \right)$	H	CDF	CDIF	T
27127	22910	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi^2}{v}$	H	CDF	AB	CDF
27128	22911	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{w}\pi^2}$	H	CDF	AB	CDIF
27129	22912	1	$\frac{w\pi^2(-1+u^2)}{v^2}$	H	CDF	AB	AB
27130	22913	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v}}$	H	CDF	AB	R
27131	22914	1	$\frac{(-1+u^2)^{3/2}\pi^3w^{3/2}}{v^3}$	H	CDF	AB	K
27132	22915	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v}}$	H	CDF	AB	E
27133	22916	1	$\log \left(\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v} \right)$	H	CDF	AB	L
27134	22917	1	$\arcsin \left(\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v} \right)$	H	CDF	AB	S
27135	22918	1	$\arctan \left(\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{v} \right)$	H	CDF	AB	T
27136	22919	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi^2}{v}$	H	CDF	R	CDF
27137	22920	1	$\frac{v}{\sqrt{-1+u^2}w^2\pi^2}$	H	CDF	R	CDIF

27138	22921	1	$\frac{w^4 \pi^2 (-1 + u^2)}{v^2}$	H	CDF	R	AB
27139	22922	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)} w^2 \pi}{v}}$	H	CDF	R	R
27140	22923	1	$\frac{(-1 + u^2)^{3/2} w^6 \pi^3}{v^3}$	H	CDF	R	K
27141	22924	1	$e^{\frac{\sqrt{(u-1)(u+1)} w^2 \pi}{v}}$	H	CDF	R	E
27142	22925	1	$\log \left(\frac{\sqrt{(u-1)(u+1)} w^2 \pi}{v} \right)$	H	CDF	R	L
27143	22926	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)} w^2 \pi}{v} \right)$	H	CDF	R	S
27144	22927	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)} w^2 \pi}{v} \right)$	H	CDF	R	T
27145	22928	1	$\frac{\sqrt{-1 + u^2} \sqrt[3]{w} \pi^2}{v}$	H	CDF	K	CDF
27146	22929	1	$\frac{v}{\sqrt{-1 + u^2} \sqrt[3]{w} \pi^2}$	H	CDF	K	CDIF
27147	22930	1	$\frac{(-1 + u^2) w^{2/3} \pi^2}{v^2}$	H	CDF	K	AB
27148	22931	1	$\sqrt{\frac{\sqrt{-1 + u^2} \sqrt[3]{w} \pi}{v}}$	H	CDF	K	R
27149	22932	1	$\frac{(-1 + u^2)^{3/2} \pi^3 w}{v^3}$	H	CDF	K	K
27150	22933	1	$e^{\frac{\sqrt{-1 + u^2} \sqrt[3]{w} \pi}{v}}$	H	CDF	K	E

27151	22934	1	$\log \left(\frac{\sqrt{-1+u^2} \sqrt[3]{w\pi}}{v} \right)$	H	CDF	K	L
27152	22935	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \sqrt[3]{w\pi}}{v} \right)$	H	CDF	K	S
27153	22936	1	$\arctan \left(\frac{\sqrt{-1+u^2} \sqrt[3]{w\pi}}{v} \right)$	H	CDF	K	T
27154	22937	1	$\frac{\sqrt{-1+u^2} \ln(w) \pi^2}{v}$	H	CDF	E	CDF
27155	22938	1	$\frac{v}{\sqrt{-1+u^2} \ln(w) \pi^2}$	H	CDF	E	CDIF
27156	22939	1	$\frac{(\ln(w))^2 \pi^2 (-1+u^2)}{v^2}$	H	CDF	E	AB
27157	22940	1	$\sqrt{\frac{\sqrt{-1+u^2} \ln(w) \pi}{v}}$	H	CDF	E	R
27158	22941	1	$\frac{(-1+u^2)^{3/2} \pi^3 (\ln(w))^3}{v^3}$	H	CDF	E	K
27159	22942	1	$w^{\frac{\sqrt{-1+u^2} \pi}{v}}$	H	CDF	E	E
27160	22943	1	$\log \left(\frac{\sqrt{-1+u^2} \ln(w) \pi}{v} \right)$	H	CDF	E	L
27161	22944	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \ln(w) \pi}{v} \right)$	H	CDF	E	S
27162	22945	1	$\arctan \left(\frac{\sqrt{-1+u^2} \ln(w) \pi}{v} \right)$	H	CDF	E	T
27163	22946	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w) \pi^2}{v}$	H	CDF	L	CDF
27164	22947	1	$\frac{v}{\sqrt{-1+u^2} \text{Exp}(w) \pi^2}$	H	CDF	L	CDIF

27165	22948	1	$\frac{(Exp(w))^2 \pi^2 (-1 + u^2)}{v^2}$	H	CDF	L	AB
27166	22949	1	$\sqrt{\frac{\sqrt{-1 + u^2} Exp(w) \pi}{v}}$	H	CDF	L	R
27167	22950	1	$\frac{(-1 + u^2)^{3/2} \pi^3 (Exp(w))^3}{v^3}$	H	CDF	L	K
27168	22951	1	$e^{\frac{\sqrt{-1 + u^2} Exp(w) \pi}{v}}$	H	CDF	L	E
27169	22952	1	$\log\left(\frac{\sqrt{-1 + u^2} Exp(w) \pi}{v}\right)$	H	CDF	L	L
27170	22953	1	$\arcsin\left(\frac{\sqrt{-1 + u^2} Exp(w) \pi}{v}\right)$	H	CDF	L	S
27171	22954	1	$\arctan\left(\frac{\sqrt{-1 + u^2} Exp(w) \pi}{v}\right)$	H	CDF	L	T
27172	22955	1	$\frac{\sqrt{-1 + u^2} \sin(w) \pi^2}{v}$	H	CDF	S	CDF
27173	22956	1	$\frac{v}{\sqrt{-1 + u^2} \sin(w) \pi^2}$	H	CDF	S	CDIF
27174	22957	1	$\frac{(\sin(w))^2 \pi^2 (-1 + u^2)}{v^2}$	H	CDF	S	AB
27175	22958	1	$\sqrt{\frac{\sqrt{-1 + u^2} \sin(w) \pi}{v}}$	H	CDF	S	R
27176	22959	1	$\frac{(-1 + u^2)^{3/2} \pi^3 (\sin(w))^3}{v^3}$	H	CDF	S	K
27177	22960	1	$e^{\frac{\sqrt{-1 + u^2} \sin(w) \pi}{v}}$	H	CDF	S	E
27178	22961	1	$\log\left(\frac{\sqrt{-1 + u^2} \sin(w) \pi}{v}\right)$	H	CDF	S	L

27179	22962	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)\pi}{v}\right)$	H	CDF	S	S
27180	22963	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)\pi}{v}\right)$	H	CDF	S	T
27181	22964	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi^2}{v}$	H	CDF	T	CDF
27182	22965	1	$\frac{v}{\sqrt{-1+u^2}\tan(w)\pi^2}$	H	CDF	T	CDIF
27183	22966	1	$\frac{(\tan(w))^2\pi^2(-1+u^2)}{v^2}$	H	CDF	T	AB
27184	22967	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)\pi}{v}}$	H	CDF	T	R
27185	22968	1	$\frac{(-1+u^2)^{3/2}\pi^3(\tan(w))^3}{v^3}$	H	CDF	T	K
27186	22969	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)\pi}{v}}$	H	CDF	T	E
27187	22970	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)\pi}{v}\right)$	H	CDF	T	L
27188	22971	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)\pi}{v}\right)$	H	CDF	T	S
27189	22972	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)\pi}{v}\right)$	H	CDF	T	T
27190	22973	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi^2}{v}$	H	CDF	P	CDF
27191	22974	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi^2}$	H	CDF	P	CDIF
27192	22975	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}}$	H	CDF	P	R

27193	22976	1	$\frac{(-1+u^2)^{3/2}\pi^3(1-w^2)^{3/2}}{v^3}$	H	CDF	P	K
27194	22977	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}}$	H	CDF	P	E
27195	22978	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}\right)$	H	CDF	P	L
27196	22979	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}\right)$	H	CDF	P	S
27197	22980	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{v}\right)$	H	CDF	P	T
27198	22981	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi^2}{v}$	H	CDF	H	CDF
27199	22982	1	$\frac{v}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi^2}$	H	CDF	H	CDIF
27200	22983	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}}$	H	CDF	H	R
27201	22984	1	$\frac{(-1+u^2)^{3/2}\pi^3(-1+w^2)^{3/2}}{v^3}$	H	CDF	H	K
27202	22985	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}}$	H	CDF	H	E
27203	22986	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}\right)$	H	CDF	H	L
27204	22987	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}\right)$	H	CDF	H	S
27205	22988	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{v}\right)$	H	CDF	H	T
27206	22989	1	$\sqrt{-1+u^2}vw\pi^2$	H	CDIF	CD	CDF

27207	22990	1	$\frac{1}{\sqrt{-1+u^2vw\pi^2}}$	H	CDIF	CD	CDIF
27208	22991	1	$v^2\pi^2w^2(-1+u^2)$	H	CDIF	CD	AB
27209	22992	1	$\sqrt{\sqrt{-1+u^2vw\pi}}$	H	CDIF	CD	R
27210	22993	1	$(-1+u^2)^{3/2}v^3\pi^3w^3$	H	CDIF	CD	K
27211	22994	1	$e^{\sqrt{-1+u^2}vw\pi}$	H	CDIF	CD	E
27212	22995	1	$\log\left(\sqrt{-1+u^2vw\pi}\right)$	H	CDIF	CD	L
27213	22996	1	$\arcsin\left(\sqrt{-1+u^2vw\pi}\right)$	H	CDIF	CD	S
27214	22997	1	$\arctan\left(\sqrt{-1+u^2vw\pi}\right)$	H	CDIF	CD	T
27215	22998	1	$\frac{\sqrt{-1+u^2}v\pi^2}{w}$	H	CDIF	CDI	CDF
27216	22999	1	$\frac{w}{\sqrt{-1+u^2}v\pi^2}$	H	CDIF	CDI	CDIF
27217	23000	1	$\frac{v^2\pi^2(-1+u^2)}{w^2}$	H	CDIF	CDI	AB
27218	23001	1	$\sqrt{\frac{\sqrt{-1+u^2}v\pi}{w}}$	H	CDIF	CDI	R
27219	23002	1	$\frac{(-1+u^2)^{3/2}v^3\pi^3}{w^3}$	H	CDIF	CDI	K
27220	23003	1	$e^{\frac{\sqrt{-1+u^2}v\pi}{w}}$	H	CDIF	CDI	E
27221	23004	1	$\log\left(\frac{\sqrt{-1+u^2}v\pi}{w}\right)$	H	CDIF	CDI	L

27222	23005	1	$\arcsin\left(\frac{\sqrt{-1+u^2}v\pi}{w}\right)$	H	CDIF	CDI	S
27223	23006	1	$\arctan\left(\frac{\sqrt{-1+u^2}v\pi}{w}\right)$	H	CDIF	CDI	T
27224	23007	1	$\sqrt{(u-1)(u+1)}v\pi w$	H	CDIF	CDF	CDF
27225	23008	1	$\sqrt{\sqrt{(u-1)(u+1)}vw}$	H	CDIF	CDF	R
27226	23009	1	$e^{\sqrt{(u-1)(u+1)}vw}$	H	CDIF	CDF	E
27227	23010	1	$\log\left(\sqrt{(u-1)(u+1)}vw\right)$	H	CDIF	CDF	L
27228	23011	1	$\arcsin\left(\sqrt{(u-1)(u+1)}vw\right)$	H	CDIF	CDF	S
27229	23012	1	$\arctan\left(\sqrt{(u-1)(u+1)}vw\right)$	H	CDIF	CDF	T
27230	23013	1	$\frac{\sqrt{(u-1)(u+1)}v\pi}{w}$	H	CDIF	CDIF	CDF
27231	23014	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}v}{w}}$	H	CDIF	CDIF	R
27232	23015	1	$e^{\frac{\sqrt{(u-1)(u+1)}v}{w}}$	H	CDIF	CDIF	E
27233	23016	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}v}{w}\right)$	H	CDIF	CDIF	L
27234	23017	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}v}{w}\right)$	H	CDIF	CDIF	S
27235	23018	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}v}{w}\right)$	H	CDIF	CDIF	T

27236	23019	1	$\sqrt{-1+u^2v}\sqrt{w}\pi^2$	H	CDIF	AB	CDF
27237	23020	1	$\frac{1}{\sqrt{-1+u^2v}\sqrt{w}\pi^2}$	H	CDIF	AB	CDIF
27238	23021	1	$v^2\pi^2w(-1+u^2)$	H	CDIF	AB	AB
27239	23022	1	$\sqrt{\sqrt{-1+u^2v}\sqrt{w}\pi}$	H	CDIF	AB	R
27240	23023	1	$(-1+u^2)^{3/2}v^3\pi^3w^{3/2}$	H	CDIF	AB	K
27241	23024	1	$e^{\sqrt{-1+u^2v}\sqrt{w}\pi}$	H	CDIF	AB	E
27242	23025	1	$\log\left(\sqrt{-1+u^2v}\sqrt{w}\pi\right)$	H	CDIF	AB	L
27243	23026	1	$\arcsin\left(\sqrt{-1+u^2v}\sqrt{w}\pi\right)$	H	CDIF	AB	S
27244	23027	1	$\arctan\left(\sqrt{-1+u^2v}\sqrt{w}\pi\right)$	H	CDIF	AB	T
27245	23028	1	$\sqrt{(u-1)(u+1)}vw^2\pi^2$	H	CDIF	R	CDF
27246	23029	1	$\frac{1}{\sqrt{-1+u^2vw^2}\pi^2}$	H	CDIF	R	CDIF
27247	23030	1	$v^2w^4\pi^2(-1+u^2)$	H	CDIF	R	AB
27248	23031	1	$\sqrt{\sqrt{(u-1)(u+1)}vw^2\pi}$	H	CDIF	R	R
27249	23032	1	$(-1+u^2)^{3/2}v^3w^6\pi^3$	H	CDIF	R	K
27250	23033	1	$e^{\sqrt{(u-1)(u+1)}vw^2\pi}$	H	CDIF	R	E
27251	23034	1	$\log\left(\sqrt{(u-1)(u+1)}vw^2\pi\right)$	H	CDIF	R	L

27252	23035	1	$\arcsin\left(\sqrt{(u-1)(u+1)}vw^2\pi\right)$	H	CDIF	R	S
27253	23036	1	$\arctan\left(\sqrt{(u-1)(u+1)}vw^2\pi\right)$	H	CDIF	R	T
27254	23037	1	$\sqrt{-1+u^2}v\sqrt[3]{w}\pi^2$	H	CDIF	K	CDF
27255	23038	1	$\frac{1}{\sqrt{-1+u^2}v\sqrt[3]{w}\pi^2}$	H	CDIF	K	CDIF
27256	23039	1	$(-1+u^2)v^2w^{2/3}\pi^2$	H	CDIF	K	AB
27257	23040	1	$\sqrt{\sqrt{-1+u^2}v\sqrt[3]{w}\pi}$	H	CDIF	K	R
27258	23041	1	$(-1+u^2)^{3/2}v^3\pi^3w$	H	CDIF	K	K
27259	23042	1	$e^{\sqrt{-1+u^2}v\sqrt[3]{w}\pi}$	H	CDIF	K	E
27260	23043	1	$\log\left(\sqrt{-1+u^2}v\sqrt[3]{w}\pi\right)$	H	CDIF	K	L
27261	23044	1	$\arcsin\left(\sqrt{-1+u^2}v\sqrt[3]{w}\pi\right)$	H	CDIF	K	S
27262	23045	1	$\arctan\left(\sqrt{-1+u^2}v\sqrt[3]{w}\pi\right)$	H	CDIF	K	T
27263	23046	1	$\sqrt{-1+u^2}v\ln(w)\pi^2$	H	CDIF	E	CDF
27264	23047	1	$\frac{1}{\sqrt{-1+u^2}v\ln(w)\pi^2}$	H	CDIF	E	CDIF
27265	23048	1	$v^2\pi^2(\ln(w))^2(-1+u^2)$	H	CDIF	E	AB
27266	23049	1	$\sqrt{\sqrt{-1+u^2}v\ln(w)\pi}$	H	CDIF	E	R
27267	23050	1	$(-1+u^2)^{3/2}v^3\pi^3(\ln(w))^3$	H	CDIF	E	K

27268	23051	1	$w^{\sqrt{-1+u^2}v\pi}$	H	CDIF	E	E
27269	23052	1	$\log\left(\sqrt{-1+u^2}v\ln(w)\pi\right)$	H	CDIF	E	L
27270	23053	1	$\arcsin\left(\sqrt{-1+u^2}v\ln(w)\pi\right)$	H	CDIF	E	S
27271	23054	1	$\arctan\left(\sqrt{-1+u^2}v\ln(w)\pi\right)$	H	CDIF	E	T
27272	23055	1	$\sqrt{-1+u^2}v\exp(w)\pi^2$	H	CDIF	L	CDF
27273	23056	1	$\frac{1}{\sqrt{-1+u^2}v\exp(w)\pi^2}$	H	CDIF	L	CDIF
27274	23057	1	$v^2\pi^2(\exp(w))^2(-1+u^2)$	H	CDIF	L	AB
27275	23058	1	$\sqrt{\sqrt{-1+u^2}v\exp(w)\pi}$	H	CDIF	L	R
27276	23059	1	$(-1+u^2)^{3/2}v^3\pi^3(\exp(w))^3$	H	CDIF	L	K
27277	23060	1	$e^{\sqrt{-1+u^2}v\exp(w)\pi}$	H	CDIF	L	E
27278	23061	1	$\log\left(\sqrt{-1+u^2}v\exp(w)\pi\right)$	H	CDIF	L	L
27279	23062	1	$\arcsin\left(\sqrt{-1+u^2}v\exp(w)\pi\right)$	H	CDIF	L	S
27280	23063	1	$\arctan\left(\sqrt{-1+u^2}v\exp(w)\pi\right)$	H	CDIF	L	T
27281	23064	1	$\sqrt{-1+u^2}v\sin(w)\pi^2$	H	CDIF	S	CDF
27282	23065	1	$\frac{1}{\sqrt{-1+u^2}v\sin(w)\pi^2}$	H	CDIF	S	CDIF
27283	23066	1	$v^2\pi^2(\sin(w))^2(-1+u^2)$	H	CDIF	S	AB

27284	23067	1	$\sqrt{\sqrt{-1+u^2}v\sin(w)\pi}$	H	CDIF	S	R
27285	23068	1	$(-1+u^2)^{3/2}v^3\pi^3(\sin(w))^3$	H	CDIF	S	K
27286	23069	1	$e^{\sqrt{-1+u^2}v\sin(w)\pi}$	H	CDIF	S	E
27287	23070	1	$\log\left(\sqrt{-1+u^2}v\sin(w)\pi\right)$	H	CDIF	S	L
27288	23071	1	$\arcsin\left(\sqrt{-1+u^2}v\sin(w)\pi\right)$	H	CDIF	S	S
27289	23072	1	$\arctan\left(\sqrt{-1+u^2}v\sin(w)\pi\right)$	H	CDIF	S	T
27290	23073	1	$\sqrt{-1+u^2}v\tan(w)\pi^2$	H	CDIF	T	CDF
27291	23074	1	$\frac{1}{\sqrt{-1+u^2}v\tan(w)\pi^2}$	H	CDIF	T	CDIF
27292	23075	1	$v^2\pi^2(\tan(w))^2(-1+u^2)$	H	CDIF	T	AB
27293	23076	1	$\sqrt{\sqrt{-1+u^2}v\tan(w)\pi}$	H	CDIF	T	R
27294	23077	1	$(-1+u^2)^{3/2}v^3\pi^3(\tan(w))^3$	H	CDIF	T	K
27295	23078	1	$e^{\sqrt{-1+u^2}v\tan(w)\pi}$	H	CDIF	T	E
27296	23079	1	$\log\left(\sqrt{-1+u^2}v\tan(w)\pi\right)$	H	CDIF	T	L
27297	23080	1	$\arcsin\left(\sqrt{-1+u^2}v\tan(w)\pi\right)$	H	CDIF	T	S
27298	23081	1	$\arctan\left(\sqrt{-1+u^2}v\tan(w)\pi\right)$	H	CDIF	T	T
27299	23082	1	$\sqrt{-1+u^2}v\sqrt{1-w^2}\pi^2$	H	CDIF	P	CDF

27300	23083	1	$\frac{1}{\sqrt{-1+u^2v}\sqrt{1-w^2}\pi^2}$	H	CDIF	P	CDIF
27301	23084	1	$\sqrt{\sqrt{-1+u^2v}\sqrt{1-w^2}\pi}$	H	CDIF	P	R
27302	23085	1	$(-1+u^2)^{3/2}v^3\pi^3(1-w^2)^{3/2}$	H	CDIF	P	K
27303	23086	1	$e^{\sqrt{-1+u^2v}\sqrt{1-w^2}\pi}$	H	CDIF	P	E
27304	23087	1	$\log\left(\sqrt{-1+u^2v}\sqrt{1-w^2}\pi\right)$	H	CDIF	P	L
27305	23088	1	$\arcsin\left(\sqrt{-1+u^2v}\sqrt{1-w^2}\pi\right)$	H	CDIF	P	S
27306	23089	1	$\arctan\left(\sqrt{-1+u^2v}\sqrt{1-w^2}\pi\right)$	H	CDIF	P	T
27307	23090	1	$\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi^2$	H	CDIF	H	CDF
27308	23091	1	$\frac{1}{\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi^2}$	H	CDIF	H	CDIF
27309	23092	1	$\sqrt{\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi}$	H	CDIF	H	R
27310	23093	1	$(-1+u^2)^{3/2}v^3\pi^3(-1+w^2)^{3/2}$	H	CDIF	H	K
27311	23094	1	$e^{\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi}$	H	CDIF	H	E
27312	23095	1	$\log\left(\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi\right)$	H	CDIF	H	L
27313	23096	1	$\arcsin\left(\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi\right)$	H	CDIF	H	S
27314	23097	1	$\arctan\left(\sqrt{-1+u^2v}\sqrt{-1+w^2}\pi\right)$	H	CDIF	H	T
27315	23098	1	$\frac{\sqrt{-1+u^2w}}{\sqrt{v}}$	H	AB	CD	CD

27316	23098	2	$\frac{\sqrt{-1+u^2}w}{\sqrt{v}}$	H	AB	CDF	CDF
27317	23099	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}w}$	H	AB	CD	CDI
27318	23099	2	$\frac{\sqrt{v}}{\sqrt{-1+u^2}w}$	H	AB	CDF	CDIF
27319	23100	1	$\frac{\sqrt{-1+u^2}w\pi}{\sqrt{v}}$	H	AB	CD	CDF
27320	23101	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}w\pi}$	H	AB	CD	CDIF
27321	23102	1	$\frac{w^2(-1+u^2)}{v}$	H	AB	CD	AB
27322	23103	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt{v}}}$	H	AB	CD	R
27323	23104	1	$\frac{(-1+u^2)^{3/2}w^3}{v^{3/2}}$	H	AB	CD	K
27324	23105	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt{v}}}$	H	AB	CD	E
27325	23106	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}}\right)$	H	AB	CD	L
27326	23107	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}}\right)$	H	AB	CD	S
27327	23108	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}}\right)$	H	AB	CD	T
27328	23109	1	$\frac{\sqrt{-1+u^2}}{\sqrt{vw}}$	H	AB	CDI	CD
27329	23110	1	$\frac{\sqrt{vw}}{\sqrt{-1+u^2}}$	H	AB	CDI	CDI
27330	23110	2	$\frac{\sqrt{vw}}{\sqrt{-1+u^2}}$	H	AB	CDIF	CDIF

27331	23111	1	$\frac{\sqrt{-1+u^2}\pi}{\sqrt{vw}}$	H	AB	CDI	CDF
27332	23112	1	$\frac{\sqrt{vw}}{\sqrt{-1+u^2}\pi}$	H	AB	CDI	CDIF
27333	23113	1	$\frac{-1+u^2}{vw^2}$	H	AB	CDI	AB
27334	23114	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{vw}}}$	H	AB	CDI	R
27335	23115	1	$\frac{(-1+u^2)^{3/2}}{v^{3/2}w^3}$	H	AB	CDI	K
27336	23116	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{vw}}}$	H	AB	CDI	E
27337	23117	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt{vw}}\right)$	H	AB	CDI	L
27338	23118	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt{vw}}\right)$	H	AB	CDI	S
27339	23119	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt{vw}}\right)$	H	AB	CDI	T
27340	23120	1	$\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}$	H	AB	CDF	CD
27341	23121	1	$\frac{\sqrt{v}\pi}{\sqrt{-1+u^2}w}$	H	AB	CDF	CDI
27342	23122	1	$\frac{w^2(-1+u^2)}{v\pi^2}$	H	AB	CDF	AB
27343	23123	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}}$	H	AB	CDF	R
27344	23124	1	$\frac{(-1+u^2)^{3/2}w^3}{v^{3/2}\pi^3}$	H	AB	CDF	K

27345	23125	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}}$	H	AB	CDF	E
27346	23126	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}\right)$	H	AB	CDF	L
27347	23127	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}\right)$	H	AB	CDF	S
27348	23128	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt{v}\pi}\right)$	H	AB	CDF	T
27349	23129	1	$\frac{\sqrt{-1+u^2}}{\sqrt{vw}\pi}$	H	AB	CDIF	CD
27350	23130	1	$\frac{\sqrt{vw}\pi}{\sqrt{-1+u^2}}$	H	AB	CDIF	CDI
27351	23131	1	$\frac{\sqrt{(u-1)(u+1)}}{\sqrt{vw}}$	H	AB	CDIF	CDF
27352	23132	1	$\frac{-1+u^2}{vw^2\pi^2}$	H	AB	CDIF	AB
27353	23133	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{vw}\pi}}$	H	AB	CDIF	R
27354	23134	1	$\frac{(-1+u^2)^{3/2}}{v^{3/2}w^3\pi^3}$	H	AB	CDIF	K
27355	23135	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{vw}\pi}}$	H	AB	CDIF	E
27356	23136	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt{vw}\pi}\right)$	H	AB	CDIF	L
27357	23137	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt{vw}\pi}\right)$	H	AB	CDIF	S

27358	23138	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt{v}w\pi}\right)$	H	AB	CDIF	T
27359	23139	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}$	H	AB	AB	CD
27360	23140	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{w}}$	H	AB	AB	CDI
27361	23141	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\sqrt{v}}$	H	AB	AB	CDF
27362	23142	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	AB	AB	CDIF
27363	23143	1	$\frac{w(-1+u^2)}{v}$	H	AB	AB	AB
27364	23144	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}}$	H	AB	AB	R
27365	23145	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{v^{3/2}}$	H	AB	AB	K
27366	23146	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}}$	H	AB	AB	E
27367	23147	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}\right)$	H	AB	AB	L
27368	23148	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}\right)$	H	AB	AB	S
27369	23149	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{v}}\right)$	H	AB	AB	T
27370	23150	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{v}}$	H	AB	R	CD
27371	23151	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}w^2}$	H	AB	R	CDI

27372	23152	1	$\frac{\sqrt{(u-1)(u+1)w^2}\pi}{\sqrt{v}}$	H	AB	R	CDF
27373	23153	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}w^2\pi}$	H	AB	R	CDIF
27374	23154	1	$\frac{w^4(-1+u^2)}{v}$	H	AB	R	AB
27375	23155	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{v}}}$	H	AB	R	R
27376	23156	1	$\frac{(-1+u^2)^{3/2}w^6}{v^{3/2}}$	H	AB	R	K
27377	23157	1	$e^{\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{v}}}$	H	AB	R	E
27378	23158	1	$\log\left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{v}}\right)$	H	AB	R	L
27379	23159	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{v}}\right)$	H	AB	R	S
27380	23160	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{v}}\right)$	H	AB	R	T
27381	23161	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}$	H	AB	K	CD
27382	23162	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	AB	K	CDI
27383	23163	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\sqrt{v}}$	H	AB	K	CDF
27384	23164	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	AB	K	CDIF
27385	23165	1	$\frac{(-1+u^2)w^{2/3}}{v}$	H	AB	K	AB

27386	23166	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}}$	H	AB	K	R
27387	23167	1	$\frac{(-1+u^2)^{3/2}w}{v^{3/2}}$	H	AB	K	K
27388	23168	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}}$	H	AB	K	E
27389	23169	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}\right)$	H	AB	K	L
27390	23170	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}\right)$	H	AB	K	S
27391	23171	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{v}}\right)$	H	AB	K	T
27392	23172	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{v}}$	H	AB	E	CD
27393	23173	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\ln(w)}$	H	AB	E	CDI
27394	23174	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\sqrt{v}}$	H	AB	E	CDF
27395	23175	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\ln(w)\pi}$	H	AB	E	CDIF
27396	23176	1	$\frac{(\ln(w))^2(-1+u^2)}{v}$	H	AB	E	AB
27397	23177	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{v}}}$	H	AB	E	R
27398	23178	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{v^{3/2}}$	H	AB	E	K
27399	23179	1	$w^{\frac{\sqrt{-1+u^2}}{\sqrt{v}}}$	H	AB	E	E

27400	23180	1	$\log \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{v}} \right)$	H	AB	E	L
27401	23181	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{v}} \right)$	H	AB	E	S
27402	23182	1	$\arctan \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{v}} \right)$	H	AB	E	T
27403	23183	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}}$	H	AB	L	CD
27404	23184	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2} \text{Exp}(w)}$	H	AB	L	CDI
27405	23185	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w) \pi}{\sqrt{v}}$	H	AB	L	CDF
27406	23186	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2} \text{Exp}(w) \pi}$	H	AB	L	CDIF
27407	23187	1	$\frac{(\text{Exp}(w))^2 (-1+u^2)}{v}$	H	AB	L	AB
27408	23188	1	$\sqrt{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}}}$	H	AB	L	R
27409	23189	1	$\frac{(-1+u^2)^{3/2} (\text{Exp}(w))^3}{v^{3/2}}$	H	AB	L	K
27410	23190	1	$e^{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}}}$	H	AB	L	E
27411	23191	1	$\log \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}} \right)$	H	AB	L	L
27412	23192	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}} \right)$	H	AB	L	S
27413	23193	1	$\arctan \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{v}} \right)$	H	AB	L	T

27414	23194	1	$\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}$	H	AB	S	CD
27415	23195	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sin(w)}$	H	AB	S	CDI
27416	23196	1	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{\sqrt{v}}$	H	AB	S	CDF
27417	23197	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sin(w)\pi}$	H	AB	S	CDIF
27418	23198	1	$\frac{(\sin(w))^2(-1+u^2)}{v}$	H	AB	S	AB
27419	23199	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}}$	H	AB	S	R
27420	23200	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{v^{3/2}}$	H	AB	S	K
27421	23201	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}}$	H	AB	S	E
27422	23202	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}\right)$	H	AB	S	L
27423	23203	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}\right)$	H	AB	S	S
27424	23204	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{v}}\right)$	H	AB	S	T
27425	23205	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}$	H	AB	T	CD
27426	23206	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\tan(w)}$	H	AB	T	CDI
27427	23207	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\sqrt{v}}$	H	AB	T	CDF

27428	23208	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\tan(w)\pi}$	H	AB	T	CDIF
27429	23209	1	$\frac{(\tan(w))^2(-1+u^2)}{v}$	H	AB	T	AB
27430	23210	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}}$	H	AB	T	R
27431	23211	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{v^{3/2}}$	H	AB	T	K
27432	23212	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}}$	H	AB	T	E
27433	23213	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}\right)$	H	AB	T	L
27434	23214	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}\right)$	H	AB	T	S
27435	23215	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{v}}\right)$	H	AB	T	T
27436	23216	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}$	H	AB	P	CD
27437	23217	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	AB	P	CDI
27438	23218	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\sqrt{v}}$	H	AB	P	CDF
27439	23219	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	AB	P	CDIF
27440	23220	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}}$	H	AB	P	R
27441	23221	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{v^{3/2}}$	H	AB	P	K

27442	23222	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}}$	H	AB	P	E
27443	23223	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	H	AB	P	L
27444	23224	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	H	AB	P	S
27445	23225	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{v}}\right)$	H	AB	P	T
27446	23226	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}$	H	AB	H	CD
27447	23227	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	AB	H	CDI
27448	23228	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\sqrt{v}}$	H	AB	H	CDF
27449	23229	1	$\frac{\sqrt{v}}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	AB	H	CDIF
27450	23230	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}}$	H	AB	H	R
27451	23231	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{v^{3/2}}$	H	AB	H	K
27452	23232	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}}$	H	AB	H	E
27453	23233	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	H	AB	H	L
27454	23234	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	H	AB	H	S

27455	23235	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{v}}\right)$	H	AB	H	T
27456	23236	1	$\frac{\sqrt{(u-1)(u+1)}w}{v^2}$	H	R	CD	CD
27457	23236	2	$\frac{\sqrt{(u-1)(u+1)}w}{v^2}$	H	R	CDF	CDF
27458	23237	1	$\frac{v^2}{\sqrt{-1+u^2}w}$	H	R	CD	CDI
27459	23237	2	$\frac{v^2}{\sqrt{-1+u^2}w}$	H	R	CDF	CDIF
27460	23238	1	$\frac{\sqrt{(u-1)(u+1)}w\pi}{v^2}$	H	R	CD	CDF
27461	23239	1	$\frac{v^2}{\sqrt{-1+u^2}w\pi}$	H	R	CD	CDIF
27462	23240	1	$\frac{w^2(-1+u^2)}{v^4}$	H	R	CD	AB
27463	23241	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w}{v^2}}$	H	R	CD	R
27464	23242	1	$\frac{(-1+u^2)^{3/2}w^3}{v^6}$	H	R	CD	K
27465	23243	1	$e^{\frac{\sqrt{(u-1)(u+1)}w}{v^2}}$	H	R	CD	E
27466	23244	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2}\right)$	H	R	CD	L
27467	23245	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2}\right)$	H	R	CD	S
27468	23246	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2}\right)$	H	R	CD	T
27469	23247	1	$\frac{\sqrt{(u-1)(u+1)}}{v^2w}$	H	R	CDI	CD

27470	23247	2	$\frac{\sqrt{(u-1)(u+1)}}{v^2w}$	H	R	CDIF	CDF
27471	23248	1	$\frac{v^2w}{\sqrt{-1+u^2}}$	H	R	CDI	CDI
27472	23248	2	$\frac{v^2w}{\sqrt{-1+u^2}}$	H	R	CDIF	CDIF
27473	23249	1	$\frac{\sqrt{(u-1)(u+1)}\pi}{v^2w}$	H	R	CDI	CDF
27474	23250	1	$\frac{v^2w}{\sqrt{-1+u^2}\pi}$	H	R	CDI	CDIF
27475	23251	1	$\frac{-1+u^2}{v^4w^2}$	H	R	CDI	AB
27476	23252	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}}{v^2w}}$	H	R	CDI	R
27477	23253	1	$\frac{(-1+u^2)^{3/2}}{v^6w^3}$	H	R	CDI	K
27478	23254	1	$e^{\frac{\sqrt{(u-1)(u+1)}}{v^2w}}$	H	R	CDI	E
27479	23255	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}}{v^2w}\right)$	H	R	CDI	L
27480	23256	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}}{v^2w}\right)$	H	R	CDI	S
27481	23257	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}}{v^2w}\right)$	H	R	CDI	T
27482	23258	1	$\frac{\sqrt{(u-1)(u+1)}w}{v^2\pi}$	H	R	CDF	CD
27483	23259	1	$\frac{v^2\pi}{\sqrt{-1+u^2}w}$	H	R	CDF	CDI

27484	23260	1	$\frac{w^2 (-1 + u^2)}{v^4 \pi^2}$	H	R	CDF	AB
27485	23261	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w}{v^2 \pi}}$	H	R	CDF	R
27486	23262	1	$\frac{(-1 + u^2)^{3/2} w^3}{v^6 \pi^3}$	H	R	CDF	K
27487	23263	1	$e^{\frac{\sqrt{(u-1)(u+1)}w}{v^2 \pi}}$	H	R	CDF	E
27488	23264	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2 \pi}\right)$	H	R	CDF	L
27489	23265	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2 \pi}\right)$	H	R	CDF	S
27490	23266	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w}{v^2 \pi}\right)$	H	R	CDF	T
27491	23267	1	$\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}$	H	R	CDIF	CD
27492	23268	1	$\frac{v^2 w \pi}{\sqrt{-1 + u^2}}$	H	R	CDIF	CDI
27493	23269	1	$\frac{-1 + u^2}{v^4 w^2 \pi^2}$	H	R	CDIF	AB
27494	23270	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}}$	H	R	CDIF	R
27495	23271	1	$\frac{(-1 + u^2)^{3/2}}{v^6 w^3 \pi^3}$	H	R	CDIF	K
27496	23272	1	$e^{\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}}$	H	R	CDIF	E
27497	23273	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}\right)$	H	R	CDIF	L

27498	23274	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}\right)$	H	R	CDIF	S
27499	23275	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}}{v^2 w \pi}\right)$	H	R	CDIF	T
27500	23276	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}$	H	R	AB	CD
27501	23277	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt{w}}$	H	R	AB	CDI
27502	23278	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt{w}\pi}{v^2}$	H	R	AB	CDF
27503	23279	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	R	AB	CDIF
27504	23280	1	$\frac{w(-1+u^2)}{v^4}$	H	R	AB	AB
27505	23281	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}}$	H	R	AB	R
27506	23282	1	$\frac{(-1+u^2)^{3/2} w^{3/2}}{v^6}$	H	R	AB	K
27507	23283	1	$e^{\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}}$	H	R	AB	E
27508	23284	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	H	R	AB	L
27509	23285	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	H	R	AB	S
27510	23286	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{w}}{v^2}\right)$	H	R	AB	T

27511	23287	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}$	H	R	R	CD
27512	23288	1	$\frac{v^2}{\sqrt{-1+u^2}w^2}$	H	R	R	CDI
27513	23289	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{v^2}$	H	R	R	CDF
27514	23290	1	$\frac{v^2}{\sqrt{-1+u^2}w^2\pi}$	H	R	R	CDIF
27515	23291	1	$\frac{w^4(-1+u^2)}{v^4}$	H	R	R	AB
27516	23292	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}}$	H	R	R	R
27517	23293	1	$\frac{(-1+u^2)^{3/2}w^6}{v^6}$	H	R	R	K
27518	23294	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}}$	H	R	R	E
27519	23295	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}\right)$	H	R	R	L
27520	23296	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}\right)$	H	R	R	S
27521	23297	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{v^2}\right)$	H	R	R	T
27522	23298	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}$	H	R	K	CD
27523	23299	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	R	K	CDI
27524	23300	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}\pi}{v^2}$	H	R	K	CDF

27525	23301	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	R	K	CDIF
27526	23302	1	$\frac{(-1+u^2)w^{2/3}}{v^4}$	H	R	K	AB
27527	23303	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}}$	H	R	K	R
27528	23304	1	$\frac{(-1+u^2)^{3/2}w}{v^6}$	H	R	K	K
27529	23305	1	$e^{\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}}$	H	R	K	E
27530	23306	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	H	R	K	L
27531	23307	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	H	R	K	S
27532	23308	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}\sqrt[3]{w}}{v^2}\right)$	H	R	K	T
27533	23309	1	$\frac{\sqrt{(u-1)(u+1)}\ln(w)}{v^2}$	H	R	E	CD
27534	23310	1	$\frac{v^2}{\sqrt{-1+u^2}\ln(w)}$	H	R	E	CDI
27535	23311	1	$\frac{\sqrt{(u-1)(u+1)}\ln(w)\pi}{v^2}$	H	R	E	CDF
27536	23312	1	$\frac{v^2}{\sqrt{-1+u^2}\ln(w)\pi}$	H	R	E	CDIF
27537	23313	1	$\frac{(\ln(w))^2(-1+u^2)}{v^4}$	H	R	E	AB
27538	23314	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}\ln(w)}{v^2}}$	H	R	E	R

27539	23315	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{v^6}$	H	R	E	K
27540	23316	1	$w^{\frac{\sqrt{-1+u^2}}{v^2}}$	H	R	E	E
27541	23317	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}\ln(w)}{v^2}\right)$	H	R	E	L
27542	23318	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}\ln(w)}{v^2}\right)$	H	R	E	S
27543	23319	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}\ln(w)}{v^2}\right)$	H	R	E	T
27544	23320	1	$\frac{\sqrt{(u-1)(u+1)}Exp(w)}{v^2}$	H	R	L	CD
27545	23321	1	$\frac{v^2}{\sqrt{-1+u^2}Exp(w)}$	H	R	L	CDI
27546	23322	1	$\frac{\sqrt{(u-1)(u+1)}Exp(w)\pi}{v^2}$	H	R	L	CDF
27547	23323	1	$\frac{v^2}{\sqrt{-1+u^2}Exp(w)\pi}$	H	R	L	CDIF
27548	23324	1	$\frac{(Exp(w))^2(-1+u^2)}{v^4}$	H	R	L	AB
27549	23325	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}Exp(w)}{v^2}}$	H	R	L	R
27550	23326	1	$\frac{(-1+u^2)^{3/2}(Exp(w))^3}{v^6}$	H	R	L	K
27551	23327	1	$e^{\frac{\sqrt{(u-1)(u+1)}Exp(w)}{v^2}}$	H	R	L	E

27552	23328	1	$\log \left(\frac{\sqrt{(u-1)(u+1)} \text{Exp}(w)}{v^2} \right)$	H	R	L	L
27553	23329	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)} \text{Exp}(w)}{v^2} \right)$	H	R	L	S
27554	23330	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)} \text{Exp}(w)}{v^2} \right)$	H	R	L	T
27555	23331	1	$\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2}$	H	R	S	CD
27556	23332	1	$\frac{v^2}{\sqrt{-1+u^2} \sin(w)}$	H	R	S	CDI
27557	23333	1	$\frac{\sqrt{(u-1)(u+1)} \sin(w) \pi}{v^2}$	H	R	S	CDF
27558	23334	1	$\frac{v^2}{\sqrt{-1+u^2} \sin(w) \pi}$	H	R	S	CDIF
27559	23335	1	$\frac{(\sin(w))^2 (-1+u^2)}{v^4}$	H	R	S	AB
27560	23336	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2}}$	H	R	S	R
27561	23337	1	$\frac{(-1+u^2)^{3/2} (\sin(w))^3}{v^6}$	H	R	S	K
27562	23338	1	$e^{\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2}}$	H	R	S	E
27563	23339	1	$\log \left(\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2} \right)$	H	R	S	L
27564	23340	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2} \right)$	H	R	S	S
27565	23341	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)} \sin(w)}{v^2} \right)$	H	R	S	T

27566	23342	1	$\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}$	H	R	T	CD
27567	23343	1	$\frac{v^2}{\sqrt{-1+u^2} \tan(w)}$	H	R	T	CDI
27568	23344	1	$\frac{\sqrt{(u-1)(u+1)} \tan(w) \pi}{v^2}$	H	R	T	CDF
27569	23345	1	$\frac{v^2}{\sqrt{-1+u^2} \tan(w) \pi}$	H	R	T	CDIF
27570	23346	1	$\frac{(\tan(w))^2 (-1+u^2)}{v^4}$	H	R	T	AB
27571	23347	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}}$	H	R	T	R
27572	23348	1	$\frac{(-1+u^2)^{3/2} (\tan(w))^3}{v^6}$	H	R	T	K
27573	23349	1	$e^{\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}}$	H	R	T	E
27574	23350	1	$\log\left(\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}\right)$	H	R	T	L
27575	23351	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}\right)$	H	R	T	S
27576	23352	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)} \tan(w)}{v^2}\right)$	H	R	T	T
27577	23353	1	$\frac{\sqrt{(u-1)(u+1)} \sqrt{-(w-1)(w+1)}}{v^2}$	H	R	P	CD
27578	23354	1	$\frac{v^2}{\sqrt{-1+u^2} \sqrt{1-w^2}}$	H	R	P	CDI
27579	23355	1	$\frac{\sqrt{(u-1)(u+1)} \sqrt{-(w-1)(w+1)} \pi}{v^2}$	H	R	P	CDF

27580	23356	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	R	P	CDIF
27581	23357	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}}$	H	R	P	R
27582	23358	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{v^6}$	H	R	P	K
27583	23359	1	$e^{\frac{\sqrt{(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}}$	H	R	P	E
27584	23360	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	H	R	P	L
27585	23361	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	H	R	P	S
27586	23362	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}\sqrt{-(w-1)(w+1)}}{v^2}\right)$	H	R	P	T
27587	23363	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}$	H	R	H	CD
27588	23364	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	R	H	CDI
27589	23365	1	$\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}\pi}{v^2}$	H	R	H	CDF
27590	23366	1	$\frac{v^2}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	R	H	CDIF
27591	23367	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}}$	H	R	H	R
27592	23368	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{v^6}$	H	R	H	K
27593	23369	1	$e^{\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2}}$	H	R	H	E

27594	23370	1	$\log \left(\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2} \right)$	$\frac{\mathbf{H}}{\mathbf{R}}$	H	L	
27595	23371	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2} \right)$	$\frac{\mathbf{H}}{\mathbf{R}}$	H	S	
27596	23372	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)}\sqrt{(w-1)(w+1)}}{v^2} \right)$	$\frac{\mathbf{H}}{\mathbf{R}}$	H	T	
27597	23373	1	$\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}}$		H	K	CD CD
27598	23374	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}w}$		H	K	CD CDI
27599	23374	2	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}w}$		H	K	CDF CDIF
27600	23375	1	$\frac{\sqrt{-1+u^2}w\pi}{\sqrt[3]{v}}$		H	K	CD CDF
27601	23376	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}w\pi}$		H	K	CD CDIF
27602	23377	1	$\frac{(-1+u^2)w^2}{v^{2/3}}$		H	K	CD AB
27603	23378	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}}}$		H	K	CD R
27604	23379	1	$\frac{(-1+u^2)^{3/2}w^3}{v}$		H	K	CD K
27605	23380	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}}}$		H	K	CD E
27606	23381	1	$\log \left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}} \right)$		H	K	CD L
27607	23382	1	$\arcsin \left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}} \right)$		H	K	CD S

27608	23383	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}}\right)$	H	K	CD	T
27609	23384	1	$\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}$	H	K	CDI	CD
27610	23384	2	$\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}$	H	K	CDIF	CDF
27611	23385	1	$\frac{\sqrt[3]{vw}}{\sqrt{-1+u^2}}$	H	K	CDI	CDI
27612	23385	2	$\frac{\sqrt[3]{vw}}{\sqrt{-1+u^2}}$	H	K	CDIF	CDIF
27613	23386	1	$\frac{\sqrt{-1+u^2}\pi}{\sqrt[3]{vw}}$	H	K	CDI	CDF
27614	23387	1	$\frac{\sqrt[3]{vw}}{\sqrt{-1+u^2}\pi}$	H	K	CDI	CDIF
27615	23388	1	$\frac{-1+u^2}{v^{2/3}w^2}$	H	K	CDI	AB
27616	23389	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}}$	H	K	CDI	R
27617	23390	1	$\frac{(-1+u^2)^{3/2}}{vw^3}$	H	K	CDI	K
27618	23391	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}}$	H	K	CDI	E
27619	23392	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}\right)$	H	K	CDI	L
27620	23393	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}\right)$	H	K	CDI	S
27621	23394	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}}\right)$	H	K	CDI	T

27622	23395	1	$\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}$	H	K	CDF	CD
27623	23396	1	$\frac{\sqrt[3]{v}\pi}{\sqrt{-1+u^2}w}$	H	K	CDF	CDI
27624	23397	1	$\frac{\sqrt{(u-1)(u+1)}w}{\sqrt[3]{v}}$	H	K	CDF	CDF
27625	23398	1	$\frac{(-1+u^2)w^2}{v^{2/3}\pi^2}$	H	K	CDF	AB
27626	23399	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}}$	H	K	CDF	R
27627	23400	1	$\frac{(-1+u^2)^{3/2}w^3}{v\pi^3}$	H	K	CDF	K
27628	23401	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}}$	H	K	CDF	E
27629	23402	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}\right)$	H	K	CDF	L
27630	23403	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}\right)$	H	K	CDF	S
27631	23404	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt[3]{v}\pi}\right)$	H	K	CDF	T
27632	23405	1	$\frac{\sqrt{-1+u^2}}{\sqrt[3]{v}w\pi}$	H	K	CDIF	CD
27633	23406	1	$\frac{\sqrt[3]{v}w\pi}{\sqrt{-1+u^2}}$	H	K	CDIF	CDI
27634	23407	1	$\frac{-1+u^2}{v^{2/3}w^2\pi^2}$	H	K	CDIF	AB
27635	23408	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt[3]{v}w\pi}}$	H	K	CDIF	R

27636	23409	1	$\frac{(-1+u^2)^{3/2}}{vw^3\pi^3}$	H	K	CDIF	K
27637	23410	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}\pi}}$	H	K	CDIF	E
27638	23411	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}\pi}\right)$	H	K	CDIF	L
27639	23412	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}\pi}\right)$	H	K	CDIF	S
27640	23413	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt[3]{vw}\pi}\right)$	H	K	CDIF	T
27641	23414	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}$	H	K	AB	CD
27642	23415	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{w}}$	H	K	AB	CDI
27643	23416	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\sqrt[3]{v}}$	H	K	AB	CDF
27644	23417	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	K	AB	CDIF
27645	23418	1	$\frac{(-1+u^2)w}{v^{2/3}}$	H	K	AB	AB
27646	23419	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}}$	H	K	AB	R
27647	23420	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{v}$	H	K	AB	K
27648	23421	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}}$	H	K	AB	E
27649	23422	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	H	K	AB	L

27650	23423	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	H	K	AB	S
27651	23424	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt[3]{v}}\right)$	H	K	AB	T
27652	23425	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}$	H	K	R	CD
27653	23426	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}w^2}$	H	K	R	CDI
27654	23427	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\sqrt[3]{v}}$	H	K	R	CDF
27655	23428	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}w^2\pi}$	H	K	R	CDIF
27656	23429	1	$\frac{(-1+u^2)w^4}{v^{2/3}}$	H	K	R	AB
27657	23430	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}}$	H	K	R	R
27658	23431	1	$\frac{(-1+u^2)^{3/2}w^6}{v}$	H	K	R	K
27659	23432	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}}$	H	K	R	E
27660	23433	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	H	K	R	L
27661	23434	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	H	K	R	S
27662	23435	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt[3]{v}}\right)$	H	K	R	T
27663	23436	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}$	H	K	K	CD

27664	23437	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	K	K	CDI
27665	23438	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\sqrt[3]{v}}$	H	K	K	CDF
27666	23439	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	K	K	CDIF
27667	23440	1	$\frac{(-1+u^2)w^{2/3}}{v^{2/3}}$	H	K	K	AB
27668	23441	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}}$	H	K	K	R
27669	23442	1	$\frac{(-1+u^2)^{3/2}w}{v}$	H	K	K	K
27670	23443	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}}$	H	K	K	E
27671	23444	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	H	K	K	L
27672	23445	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	H	K	K	S
27673	23446	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt[3]{v}}\right)$	H	K	K	T
27674	23447	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt[3]{v}}$	H	K	E	CD
27675	23448	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\ln(w)}$	H	K	E	CDI
27676	23449	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\sqrt[3]{v}}$	H	K	E	CDF
27677	23450	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\ln(w)\pi}$	H	K	E	CDIF

27678	23451	1	$\frac{(-1+u^2)(\ln(w))^2}{v^{2/3}}$	H	K	E	AB
27679	23452	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt[3]{v}}}$	H	K	E	R
27680	23453	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{v}$	H	K	E	K
27681	23454	1	$w^{\frac{\sqrt{-1+u^2}}{\sqrt[3]{v}}}$	H	K	E	E
27682	23455	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt[3]{v}}\right)$	H	K	E	L
27683	23456	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt[3]{v}}\right)$	H	K	E	S
27684	23457	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt[3]{v}}\right)$	H	K	E	T
27685	23458	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\sqrt[3]{v}}$	H	K	L	CD
27686	23459	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\text{Exp}(w)}$	H	K	L	CDI
27687	23460	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)\pi}{\sqrt[3]{v}}$	H	K	L	CDF
27688	23461	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\text{Exp}(w)\pi}$	H	K	L	CDIF
27689	23462	1	$\frac{(-1+u^2)(\text{Exp}(w))^2}{v^{2/3}}$	H	K	L	AB
27690	23463	1	$\sqrt{\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\sqrt[3]{v}}}$	H	K	L	R

27691	23464	1	$\frac{(-1+u^2)^{3/2} (Exp(w))^3}{v}$	H	K	L	K
27692	23465	1	$e^{\frac{\sqrt{-1+u^2} Exp(w)}{\sqrt[3]{v}}}$	H	K	L	E
27693	23466	1	$\log\left(\frac{\sqrt{-1+u^2} Exp(w)}{\sqrt[3]{v}}\right)$	H	K	L	L
27694	23467	1	$\arcsin\left(\frac{\sqrt{-1+u^2} Exp(w)}{\sqrt[3]{v}}\right)$	H	K	L	S
27695	23468	1	$\arctan\left(\frac{\sqrt{-1+u^2} Exp(w)}{\sqrt[3]{v}}\right)$	H	K	L	T
27696	23469	1	$\frac{\sqrt{-1+u^2} \sin(w)}{\sqrt[3]{v}}$	H	K	S	CD
27697	23470	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2} \sin(w)}$	H	K	S	CDI
27698	23471	1	$\frac{\sqrt{-1+u^2} \sin(w) \pi}{\sqrt[3]{v}}$	H	K	S	CDF
27699	23472	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2} \sin(w) \pi}$	H	K	S	CDIF
27700	23473	1	$\frac{(-1+u^2) (\sin(w))^2}{v^{2/3}}$	H	K	S	AB
27701	23474	1	$\sqrt{\frac{\sqrt{-1+u^2} \sin(w)}{\sqrt[3]{v}}}$	H	K	S	R
27702	23475	1	$\frac{(-1+u^2)^{3/2} (\sin(w))^3}{v}$	H	K	S	K
27703	23476	1	$e^{\frac{\sqrt{-1+u^2} \sin(w)}{\sqrt[3]{v}}}$	H	K	S	E
27704	23477	1	$\log\left(\frac{\sqrt{-1+u^2} \sin(w)}{\sqrt[3]{v}}\right)$	H	K	S	L

27705	23478	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt[3]{v}}\right)$	H	K	S	S
27706	23479	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt[3]{v}}\right)$	H	K	S	T
27707	23480	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}$	H	K	T	CD
27708	23481	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\tan(w)}$	H	K	T	CDI
27709	23482	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\sqrt[3]{v}}$	H	K	T	CDF
27710	23483	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\tan(w)\pi}$	H	K	T	CDIF
27711	23484	1	$\frac{(-1+u^2)(\tan(w))^2}{v^{2/3}}$	H	K	T	AB
27712	23485	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}}$	H	K	T	R
27713	23486	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{v}$	H	K	T	K
27714	23487	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}}$	H	K	T	E
27715	23488	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}\right)$	H	K	T	L
27716	23489	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}\right)$	H	K	T	S
27717	23490	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt[3]{v}}\right)$	H	K	T	T

27718	23491	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}$	H	K	P	CD
27719	23492	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	K	P	CDI
27720	23493	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\sqrt[3]{v}}$	H	K	P	CDF
27721	23494	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	K	P	CDIF
27722	23495	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	H	K	P	R
27723	23496	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{v}$	H	K	P	K
27724	23497	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}}$	H	K	P	E
27725	23498	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	H	K	P	L
27726	23499	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	H	K	P	S
27727	23500	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt[3]{v}}\right)$	H	K	P	T
27728	23501	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}$	H	K	H	CD
27729	23502	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	K	H	CDI
27730	23503	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\sqrt[3]{v}}$	H	K	H	CDF
27731	23504	1	$\frac{\sqrt[3]{v}}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	K	H	CDIF

27732	23505	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	H	K	H	R
27733	23506	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{v}$	H	K	H	K
27734	23507	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}}$	H	K	H	E
27735	23508	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	H	K	H	L
27736	23509	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	H	K	H	S
27737	23510	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt[3]{v}}\right)$	H	K	H	T
27738	23511	1	$\frac{\sqrt{-1+u^2}w}{\ln(v)}$	H	E	CD	CD
27739	23511	2	$\frac{\sqrt{-1+u^2}w}{\ln(v)}$	H	E	CDF	CDF
27740	23512	1	$\frac{\ln(v)}{\sqrt{-1+u^2}w}$	H	E	CD	CDI
27741	23512	2	$\frac{\ln(v)}{\sqrt{-1+u^2}w}$	H	E	CDF	CDIF
27742	23513	1	$\frac{\sqrt{-1+u^2}w\pi}{\ln(v)}$	H	E	CD	CDF
27743	23514	1	$\frac{\ln(v)}{\sqrt{-1+u^2}w\pi}$	H	E	CD	CDIF
27744	23515	1	$\frac{w^2(-1+u^2)}{(\ln(v))^2}$	H	E	CD	AB
27745	23516	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\ln(v)}}$	H	E	CD	R

27746	23517	1	$\frac{(-1+u^2)^{3/2}w^3}{(\ln(v))^3}$	H	E	CD	K
27747	23518	1	$e^{\frac{\sqrt{-1+u^2}w}{\ln(v)}}$	H	E	CD	E
27748	23519	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\ln(v)}\right)$	H	E	CD	L
27749	23520	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\ln(v)}\right)$	H	E	CD	S
27750	23521	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\ln(v)}\right)$	H	E	CD	T
27751	23522	1	$\frac{\sqrt{-1+u^2}}{\ln(v)w}$	H	E	CDI	CD
27752	23523	1	$\frac{\ln(v)w}{\sqrt{-1+u^2}}$	H	E	CDI	CDI
27753	23523	2	$\frac{\ln(v)w}{\sqrt{-1+u^2}}$	H	E	CDIF	CDIF
27754	23524	1	$\frac{\sqrt{-1+u^2}\pi}{\ln(v)w}$	H	E	CDI	CDF
27755	23525	1	$\frac{\ln(v)w}{\sqrt{-1+u^2}\pi}$	H	E	CDI	CDIF
27756	23526	1	$\frac{-1+u^2}{(\ln(v))^2w^2}$	H	E	CDI	AB
27757	23527	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\ln(v)w}}$	H	E	CDI	R
27758	23528	1	$\frac{(-1+u^2)^{3/2}}{(\ln(v))^3w^3}$	H	E	CDI	K
27759	23529	1	$e^{\frac{\sqrt{-1+u^2}}{\ln(v)w}}$	H	E	CDI	E

27760	23530	1	$\log \left(\frac{\sqrt{-1+u^2}}{\ln(v) w} \right)$	H	E	CDI	L
27761	23531	1	$\arcsin \left(\frac{\sqrt{-1+u^2}}{\ln(v) w} \right)$	H	E	CDI	S
27762	23532	1	$\arctan \left(\frac{\sqrt{-1+u^2}}{\ln(v) w} \right)$	H	E	CDI	T
27763	23533	1	$\frac{\sqrt{-1+u^2} w}{\ln(v) \pi}$	H	E	CDF	CD
27764	23534	1	$\frac{\ln(v) \pi}{\sqrt{-1+u^2} w}$	H	E	CDF	CDI
27765	23535	1	$\frac{w^2 (-1+u^2)}{(\ln(v))^2 \pi^2}$	H	E	CDF	AB
27766	23536	1	$\sqrt{\frac{\sqrt{-1+u^2} w}{\ln(v) \pi}}$	H	E	CDF	R
27767	23537	1	$\frac{(-1+u^2)^{3/2} w^3}{(\ln(v))^3 \pi^3}$	H	E	CDF	K
27768	23538	1	$e^{\frac{\sqrt{-1+u^2} w}{\ln(v) \pi}}$	H	E	CDF	E
27769	23539	1	$\log \left(\frac{\sqrt{-1+u^2} w}{\ln(v) \pi} \right)$	H	E	CDF	L
27770	23540	1	$\arcsin \left(\frac{\sqrt{-1+u^2} w}{\ln(v) \pi} \right)$	H	E	CDF	S
27771	23541	1	$\arctan \left(\frac{\sqrt{-1+u^2} w}{\ln(v) \pi} \right)$	H	E	CDF	T
27772	23542	1	$\frac{\sqrt{-1+u^2}}{\ln(v) w \pi}$	H	E	CDIF	CD
27773	23543	1	$\frac{\ln(v) w \pi}{\sqrt{-1+u^2}}$	H	E	CDIF	CDI

27774	23544	1	$\frac{\sqrt{(u-1)(u+1)}}{\ln(v)w}$	H	E	CDIF	CDF
27775	23545	1	$\frac{-1+u^2}{(\ln(v))^2 w^2 \pi^2}$	H	E	CDIF	AB
27776	23546	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\ln(v)w\pi}}$	H	E	CDIF	R
27777	23547	1	$\frac{(-1+u^2)^{3/2}}{(\ln(v))^3 w^3 \pi^3}$	H	E	CDIF	K
27778	23548	1	$e^{\frac{\sqrt{-1+u^2}}{\ln(v)w\pi}}$	H	E	CDIF	E
27779	23549	1	$\log\left(\frac{\sqrt{-1+u^2}}{\ln(v)w\pi}\right)$	H	E	CDIF	L
27780	23550	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\ln(v)w\pi}\right)$	H	E	CDIF	S
27781	23551	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\ln(v)w\pi}\right)$	H	E	CDIF	T
27782	23552	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}$	H	E	AB	CD
27783	23553	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{w}}$	H	E	AB	CDI
27784	23554	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\ln(v)}$	H	E	AB	CDF
27785	23555	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	E	AB	CDIF
27786	23556	1	$\frac{w(-1+u^2)}{(\ln(v))^2}$	H	E	AB	AB
27787	23557	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}}$	H	E	AB	R

27788	23558	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(\ln(v))^3}$	H	E	AB	K
27789	23559	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}}$	H	E	AB	E
27790	23560	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}\right)$	H	E	AB	L
27791	23561	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}\right)$	H	E	AB	S
27792	23562	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\ln(v)}\right)$	H	E	AB	T
27793	23563	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}$	H	E	R	CD
27794	23564	1	$\frac{\ln(v)}{\sqrt{-1+u^2}w^2}$	H	E	R	CDI
27795	23565	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\ln(v)}$	H	E	R	CDF
27796	23566	1	$\frac{\ln(v)}{\sqrt{-1+u^2}w^2\pi}$	H	E	R	CDIF
27797	23567	1	$\frac{w^4(-1+u^2)}{(\ln(v))^2}$	H	E	R	AB
27798	23568	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}}$	H	E	R	R
27799	23569	1	$\frac{(-1+u^2)^{3/2}w^6}{(\ln(v))^3}$	H	E	R	K
27800	23570	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}}$	H	E	R	E
27801	23571	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}\right)$	H	E	R	L

27802	23572	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}\right)$	H	E	R	S
27803	23573	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\ln(v)}\right)$	H	E	R	T
27804	23574	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}$	H	E	K	CD
27805	23575	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	E	K	CDI
27806	23576	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\ln(v)}$	H	E	K	CDF
27807	23577	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	E	K	CDIF
27808	23578	1	$\frac{(-1+u^2)w^{2/3}}{(\ln(v))^2}$	H	E	K	AB
27809	23579	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}}$	H	E	K	R
27810	23580	1	$\frac{(-1+u^2)^{3/2}w}{(\ln(v))^3}$	H	E	K	K
27811	23581	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}}$	H	E	K	E
27812	23582	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}\right)$	H	E	K	L
27813	23583	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}\right)$	H	E	K	S
27814	23584	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\ln(v)}\right)$	H	E	K	T
27815	23585	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\ln(v)}$	H	E	E	CD

27816	23586	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\ln(w)}$	H	E	E	CDI
27817	23587	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\ln(v)}$	H	E	E	CDF
27818	23588	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\ln(w)\pi}$	H	E	E	CDIF
27819	23589	1	$\frac{(\ln(w))^2(-1+u^2)}{(\ln(v))^2}$	H	E	E	AB
27820	23590	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\ln(v)}}$	H	E	E	R
27821	23591	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{(\ln(v))^3}$	H	E	E	K
27822	23592	1	$w^{\frac{\sqrt{-1+u^2}}{\ln(v)}}$	H	E	E	E
27823	23593	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{\ln(v)}\right)$	H	E	E	L
27824	23594	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{\ln(v)}\right)$	H	E	E	S
27825	23595	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\ln(v)}\right)$	H	E	E	T
27826	23596	1	$\frac{\sqrt{-1+u^2}Exp(w)}{\ln(v)}$	H	E	L	CD
27827	23597	1	$\frac{\ln(v)}{\sqrt{-1+u^2}Exp(w)}$	H	E	L	CDI
27828	23598	1	$\frac{\sqrt{-1+u^2}Exp(w)\pi}{\ln(v)}$	H	E	L	CDF
27829	23599	1	$\frac{\ln(v)}{\sqrt{-1+u^2}Exp(w)\pi}$	H	E	L	CDIF

27830	23600	1	$\frac{(Exp(w))^2 (-1 + u^2)}{(\ln(v))^2}$	H	E	L	AB
27831	23601	1	$\sqrt{\frac{\sqrt{-1 + u^2} Exp(w)}{\ln(v)}}$	H	E	L	R
27832	23602	1	$\frac{(-1 + u^2)^{3/2} (Exp(w))^3}{(\ln(v))^3}$	H	E	L	K
27833	23603	1	$e^{\frac{\sqrt{-1 + u^2} Exp(w)}{\ln(v)}}$	H	E	L	E
27834	23604	1	$\log\left(\frac{\sqrt{-1 + u^2} Exp(w)}{\ln(v)}\right)$	H	E	L	L
27835	23605	1	$\arcsin\left(\frac{\sqrt{-1 + u^2} Exp(w)}{\ln(v)}\right)$	H	E	L	S
27836	23606	1	$\arctan\left(\frac{\sqrt{-1 + u^2} Exp(w)}{\ln(v)}\right)$	H	E	L	T
27837	23607	1	$\frac{\sqrt{-1 + u^2} \sin(w)}{\ln(v)}$	H	E	S	CD
27838	23608	1	$\frac{\ln(v)}{\sqrt{-1 + u^2} \sin(w)}$	H	E	S	CDI
27839	23609	1	$\frac{\sqrt{-1 + u^2} \sin(w) \pi}{\ln(v)}$	H	E	S	CDF
27840	23610	1	$\frac{\ln(v)}{\sqrt{-1 + u^2} \sin(w) \pi}$	H	E	S	CDIF
27841	23611	1	$\frac{(\sin(w))^2 (-1 + u^2)}{(\ln(v))^2}$	H	E	S	AB
27842	23612	1	$\sqrt{\frac{\sqrt{-1 + u^2} \sin(w)}{\ln(v)}}$	H	E	S	R

27843	23613	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(\ln(v))^3}$	H	E	S	K
27844	23614	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\ln(v)}}$	H	E	S	E
27845	23615	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\ln(v)}\right)$	H	E	S	L
27846	23616	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\ln(v)}\right)$	H	E	S	S
27847	23617	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\ln(v)}\right)$	H	E	S	T
27848	23618	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}$	H	E	T	CD
27849	23619	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\tan(w)}$	H	E	T	CDI
27850	23620	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\ln(v)}$	H	E	T	CDF
27851	23621	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\tan(w)\pi}$	H	E	T	CDIF
27852	23622	1	$\frac{(\tan(w))^2(-1+u^2)}{(\ln(v))^2}$	H	E	T	AB
27853	23623	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}}$	H	E	T	R
27854	23624	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{(\ln(v))^3}$	H	E	T	K
27855	23625	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}}$	H	E	T	E
27856	23626	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}\right)$	H	E	T	L

27857	23627	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}\right)$	H	E	T	S
27858	23628	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{\ln(v)}\right)$	H	E	T	T
27859	23629	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}$	H	E	P	CD
27860	23630	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	E	P	CDI
27861	23631	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\ln(v)}$	H	E	P	CDF
27862	23632	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	E	P	CDIF
27863	23633	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}}$	H	E	P	R
27864	23634	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{(\ln(v))^3}$	H	E	P	K
27865	23635	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}}$	H	E	P	E
27866	23636	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}\right)$	H	E	P	L
27867	23637	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}\right)$	H	E	P	S
27868	23638	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\ln(v)}\right)$	H	E	P	T
27869	23639	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}$	H	E	H	CD
27870	23640	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	E	H	CDI

27871	23641	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\ln(v)}$	H	E	H	CDF
27872	23642	1	$\frac{\ln(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	E	H	CDIF
27873	23643	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}}$	H	E	H	R
27874	23644	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(\ln(v))^3}$	H	E	H	K
27875	23645	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}}$	H	E	H	E
27876	23646	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	H	E	H	L
27877	23647	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	H	E	H	S
27878	23648	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\ln(v)}\right)$	H	E	H	T
27879	23649	1	$\frac{\sqrt{-1+u^2}w}{Exp(v)}$	H	L	CD	CD
27880	23649	2	$\frac{\sqrt{-1+u^2}w}{Exp(v)}$	H	L	CDF	CDF
27881	23650	1	$\frac{Exp(v)}{\sqrt{-1+u^2}w}$	H	L	CD	CDI
27882	23650	2	$\frac{Exp(v)}{\sqrt{-1+u^2}w}$	H	L	CDF	CDIF
27883	23651	1	$\frac{\sqrt{-1+u^2}w\pi}{Exp(v)}$	H	L	CD	CDF
27884	23652	1	$\frac{Exp(v)}{\sqrt{-1+u^2}w\pi}$	H	L	CD	CDIF
27885	23653	1	$\frac{w^2(-1+u^2)}{(Exp(v))^2}$	H	L	CD	AB

27886	23654	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{Exp(v)}}$	H	L	CD	R
27887	23655	1	$\frac{(-1+u^2)^{3/2}w^3}{(Exp(v))^3}$	H	L	CD	K
27888	23656	1	$e^{\frac{\sqrt{-1+u^2}w}{Exp(v)}}$	H	L	CD	E
27889	23657	1	$\log\left(\frac{\sqrt{-1+u^2}w}{Exp(v)}\right)$	H	L	CD	L
27890	23658	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{Exp(v)}\right)$	H	L	CD	S
27891	23659	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{Exp(v)}\right)$	H	L	CD	T
27892	23660	1	$\frac{\sqrt{-1+u^2}}{Exp(v)w}$	H	L	CDI	CD
27893	23660	2	$\frac{\sqrt{-1+u^2}}{Exp(v)w}$	H	L	CDIF	CDF
27894	23661	1	$\frac{Exp(v)w}{\sqrt{-1+u^2}}$	H	L	CDI	CDI
27895	23661	2	$\frac{Exp(v)w}{\sqrt{-1+u^2}}$	H	L	CDIF	CDIF
27896	23662	1	$\frac{\sqrt{-1+u^2}\pi}{Exp(v)w}$	H	L	CDI	CDF
27897	23663	1	$\frac{Exp(v)w}{\sqrt{-1+u^2}\pi}$	H	L	CDI	CDIF
27898	23664	1	$\frac{-1+u^2}{(Exp(v))^2w^2}$	H	L	CDI	AB
27899	23665	1	$\sqrt{\frac{\sqrt{-1+u^2}}{Exp(v)w}}$	H	L	CDI	R

27900	23666	1	$\frac{(-1+u^2)^{3/2}}{(Exp(v))^3 w^3}$	H	L	CDI	K
27901	23667	1	$e^{\frac{\sqrt{-1+u^2}}{Exp(v)w}}$	H	L	CDI	E
27902	23668	1	$\log\left(\frac{\sqrt{-1+u^2}}{Exp(v)w}\right)$	H	L	CDI	L
27903	23669	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{Exp(v)w}\right)$	H	L	CDI	S
27904	23670	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{Exp(v)w}\right)$	H	L	CDI	T
27905	23671	1	$\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}$	H	L	CDF	CD
27906	23672	1	$\frac{Exp(v)\pi}{\sqrt{-1+u^2}w}$	H	L	CDF	CDI
27907	23673	1	$\frac{w^2(-1+u^2)}{(Exp(v))^2\pi^2}$	H	L	CDF	AB
27908	23674	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}}$	H	L	CDF	R
27909	23675	1	$\frac{(-1+u^2)^{3/2}w^3}{(Exp(v))^3\pi^3}$	H	L	CDF	K
27910	23676	1	$e^{\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}}$	H	L	CDF	E
27911	23677	1	$\log\left(\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}\right)$	H	L	CDF	L
27912	23678	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}\right)$	H	L	CDF	S
27913	23679	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{Exp(v)\pi}\right)$	H	L	CDF	T

27914	23680	1	$\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}$	H	L	CDIF	CD
27915	23681	1	$\frac{\text{Exp}(v) w \pi}{\sqrt{-1+u^2}}$	H	L	CDIF	CDI
27916	23682	1	$\frac{-1+u^2}{(\text{Exp}(v))^2 w^2 \pi^2}$	H	L	CDIF	AB
27917	23683	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}}$	H	L	CDIF	R
27918	23684	1	$\frac{(-1+u^2)^{3/2}}{(\text{Exp}(v))^3 w^3 \pi^3}$	H	L	CDIF	K
27919	23685	1	$e^{\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}}$	H	L	CDIF	E
27920	23686	1	$\log\left(\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}\right)$	H	L	CDIF	L
27921	23687	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}\right)$	H	L	CDIF	S
27922	23688	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\text{Exp}(v) w \pi}\right)$	H	L	CDIF	T
27923	23689	1	$\frac{\sqrt{-1+u^2} \sqrt{w}}{\text{Exp}(v)}$	H	L	AB	CD
27924	23690	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sqrt{w}}$	H	L	AB	CDI
27925	23691	1	$\frac{\sqrt{-1+u^2} \sqrt{w} \pi}{\text{Exp}(v)}$	H	L	AB	CDF
27926	23692	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sqrt{w} \pi}$	H	L	AB	CDIF
27927	23693	1	$\frac{w(-1+u^2)}{(\text{Exp}(v))^2}$	H	L	AB	AB

27928	23694	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\text{Exp}(v)}}$	H	L	AB	R
27929	23695	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(\text{Exp}(v))^3}$	H	L	AB	K
27930	23696	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\text{Exp}(v)}}$	H	L	AB	E
27931	23697	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\text{Exp}(v)}\right)$	H	L	AB	L
27932	23698	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\text{Exp}(v)}\right)$	H	L	AB	S
27933	23699	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\text{Exp}(v)}\right)$	H	L	AB	T
27934	23700	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\text{Exp}(v)}$	H	L	R	CD
27935	23701	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}w^2}$	H	L	R	CDI
27936	23702	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\text{Exp}(v)}$	H	L	R	CDF
27937	23703	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}w^2\pi}$	H	L	R	CDIF
27938	23704	1	$\frac{w^4(-1+u^2)}{(\text{Exp}(v))^2}$	H	L	R	AB
27939	23705	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\text{Exp}(v)}}$	H	L	R	R
27940	23706	1	$\frac{(-1+u^2)^{3/2}w^6}{(\text{Exp}(v))^3}$	H	L	R	K
27941	23707	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\text{Exp}(v)}}$	H	L	R	E

27942	23708	1	$\log \left(\frac{\sqrt{(u-1)(u+1)}w^2}{Exp(v)} \right)$	H	L	R	L
27943	23709	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)}w^2}{Exp(v)} \right)$	H	L	R	S
27944	23710	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)}w^2}{Exp(v)} \right)$	H	L	R	T
27945	23711	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{Exp(v)}$	H	L	K	CD
27946	23712	1	$\frac{Exp(v)}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	L	K	CDI
27947	23713	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{Exp(v)}$	H	L	K	CDF
27948	23714	1	$\frac{Exp(v)}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	L	K	CDIF
27949	23715	1	$\frac{(-1+u^2)w^{2/3}}{(Exp(v))^2}$	H	L	K	AB
27950	23716	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{Exp(v)}}$	H	L	K	R
27951	23717	1	$\frac{(-1+u^2)^{3/2}w}{(Exp(v))^3}$	H	L	K	K
27952	23718	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{Exp(v)}}$	H	L	K	E
27953	23719	1	$\log \left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{Exp(v)} \right)$	H	L	K	L
27954	23720	1	$\arcsin \left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{Exp(v)} \right)$	H	L	K	S

27955	23721	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\text{Exp}(v)}\right)$	H	L	K	T
27956	23722	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\text{Exp}(v)}$	H	L	E	CD
27957	23723	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}\ln(w)}$	H	L	E	CDI
27958	23724	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\text{Exp}(v)}$	H	L	E	CDF
27959	23725	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}\ln(w)\pi}$	H	L	E	CDIF
27960	23726	1	$\frac{(\ln(w))^2(-1+u^2)}{(\text{Exp}(v))^2}$	H	L	E	AB
27961	23727	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\text{Exp}(v)}}$	H	L	E	R
27962	23728	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{(\text{Exp}(v))^3}$	H	L	E	K
27963	23729	1	$w^{\frac{\sqrt{-1+u^2}}{\text{Exp}(v)}}$	H	L	E	E
27964	23730	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{\text{Exp}(v)}\right)$	H	L	E	L
27965	23731	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{\text{Exp}(v)}\right)$	H	L	E	S
27966	23732	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\text{Exp}(v)}\right)$	H	L	E	T
27967	23733	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\text{Exp}(v)}$	H	L	L	CD
27968	23734	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}\text{Exp}(w)}$	H	L	L	CDI

27969	23735	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w) \pi}{\text{Exp}(v)}$	H	L	L	CDF
27970	23736	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \text{Exp}(w) \pi}$	H	L	L	CDIF
27971	23737	1	$\frac{(\text{Exp}(w))^2 (-1+u^2)}{(\text{Exp}(v))^2}$	H	L	L	AB
27972	23738	1	$\sqrt{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\text{Exp}(v)}}$	H	L	L	R
27973	23739	1	$\frac{(-1+u^2)^{3/2} (\text{Exp}(w))^3}{(\text{Exp}(v))^3}$	H	L	L	K
27974	23740	1	$e^{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\text{Exp}(v)}}$	H	L	L	E
27975	23741	1	$\log\left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\text{Exp}(v)}\right)$	H	L	L	L
27976	23742	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\text{Exp}(v)}\right)$	H	L	L	S
27977	23743	1	$\arctan\left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\text{Exp}(v)}\right)$	H	L	L	T
27978	23744	1	$\frac{\sqrt{-1+u^2} \sin(w)}{\text{Exp}(v)}$	H	L	S	CD
27979	23745	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sin(w)}$	H	L	S	CDI
27980	23746	1	$\frac{\sqrt{-1+u^2} \sin(w) \pi}{\text{Exp}(v)}$	H	L	S	CDF
27981	23747	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sin(w) \pi}$	H	L	S	CDIF
27982	23748	1	$\frac{(\sin(w))^2 (-1+u^2)}{(\text{Exp}(v))^2}$	H	L	S	AB

27983	23749	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\text{Exp}(v)}}$	H	L	S	R
27984	23750	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(\text{Exp}(v))^3}$	H	L	S	K
27985	23751	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\text{Exp}(v)}}$	H	L	S	E
27986	23752	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\text{Exp}(v)}\right)$	H	L	S	L
27987	23753	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\text{Exp}(v)}\right)$	H	L	S	S
27988	23754	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\text{Exp}(v)}\right)$	H	L	S	T
27989	23755	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\text{Exp}(v)}$	H	L	T	CD
27990	23756	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}\tan(w)}$	H	L	T	CDI
27991	23757	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\text{Exp}(v)}$	H	L	T	CDF
27992	23758	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2}\tan(w)\pi}$	H	L	T	CDIF
27993	23759	1	$\frac{(\tan(w))^2(-1+u^2)}{(\text{Exp}(v))^2}$	H	L	T	AB
27994	23760	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\text{Exp}(v)}}$	H	L	T	R
27995	23761	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{(\text{Exp}(v))^3}$	H	L	T	K
27996	23762	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\text{Exp}(v)}}$	H	L	T	E

27997	23763	1	$\log \left(\frac{\sqrt{-1+u^2} \tan(w)}{\text{Exp}(v)} \right)$	H	L	T	L
27998	23764	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \tan(w)}{\text{Exp}(v)} \right)$	H	L	T	S
27999	23765	1	$\arctan \left(\frac{\sqrt{-1+u^2} \tan(w)}{\text{Exp}(v)} \right)$	H	L	T	T
28000	23766	1	$\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)}$	H	L	P	CD
28001	23767	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sqrt{1-w^2}}$	H	L	P	CDI
28002	23768	1	$\frac{\sqrt{-1+u^2} \sqrt{1-w^2} \pi}{\text{Exp}(v)}$	H	L	P	CDF
28003	23769	1	$\frac{\text{Exp}(v)}{\sqrt{-1+u^2} \sqrt{1-w^2} \pi}$	H	L	P	CDIF
28004	23770	1	$\sqrt{\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)}}$	H	L	P	R
28005	23771	1	$\frac{(-1+u^2)^{3/2} (1-w^2)^{3/2}}{(\text{Exp}(v))^3}$	H	L	P	K
28006	23772	1	$e^{\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)}}$	H	L	P	E
28007	23773	1	$\log \left(\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)} \right)$	H	L	P	L
28008	23774	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)} \right)$	H	L	P	S
28009	23775	1	$\arctan \left(\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\text{Exp}(v)} \right)$	H	L	P	T
28010	23776	1	$\frac{\sqrt{-1+u^2} \sqrt{-1+w^2}}{\text{Exp}(v)}$	H	L	H	CD

28011	23777	1	$\frac{Exp(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	L	H	CDI
28012	23778	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{Exp(v)}$	H	L	H	CDF
28013	23779	1	$\frac{Exp(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	L	H	CDIF
28014	23780	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{Exp(v)}}$	H	L	H	R
28015	23781	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(Exp(v))^3}$	H	L	H	K
28016	23782	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{Exp(v)}}$	H	L	H	E
28017	23783	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	H	L	H	L
28018	23784	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	H	L	H	S
28019	23785	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{Exp(v)}\right)$	H	L	H	T
28020	23786	1	$\frac{\sqrt{-1+u^2}w}{\sin(v)}$	H	S	CD	CD
28021	23786	2	$\frac{\sqrt{-1+u^2}w}{\sin(v)}$	H	S	CDF	CDF
28022	23787	1	$\frac{\sin(v)}{\sqrt{-1+u^2}w}$	H	S	CD	CDI
28023	23787	2	$\frac{\sin(v)}{\sqrt{-1+u^2}w}$	H	S	CDF	CDIF
28024	23788	1	$\frac{\sqrt{-1+u^2}w\pi}{\sin(v)}$	H	S	CD	CDF

28025	23789	1	$\frac{\sin(v)}{\sqrt{-1+u^2}w\pi}$	H	S	CD	CDIF
28026	23790	1	$\frac{w^2(-1+u^2)}{(\sin(v))^2}$	H	S	CD	AB
28027	23791	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sin(v)}}$	H	S	CD	R
28028	23792	1	$\frac{(-1+u^2)^{3/2}w^3}{(\sin(v))^3}$	H	S	CD	K
28029	23793	1	$e^{\frac{\sqrt{-1+u^2}w}{\sin(v)}}$	H	S	CD	E
28030	23794	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sin(v)}\right)$	H	S	CD	L
28031	23795	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sin(v)}\right)$	H	S	CD	S
28032	23796	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sin(v)}\right)$	H	S	CD	T
28033	23797	1	$\frac{\sqrt{-1+u^2}}{\sin(v)w}$	H	S	CDI	CD
28034	23797	2	$\frac{\sqrt{-1+u^2}}{\sin(v)w}$	H	S	CDIF	CDF
28035	23798	1	$\frac{\sin(v)w}{\sqrt{-1+u^2}}$	H	S	CDI	CDI
28036	23798	2	$\frac{\sin(v)w}{\sqrt{-1+u^2}}$	H	S	CDIF	CDIF
28037	23799	1	$\frac{\sqrt{-1+u^2}\pi}{\sin(v)w}$	H	S	CDI	CDF
28038	23800	1	$\frac{\sin(v)w}{\sqrt{-1+u^2}\pi}$	H	S	CDI	CDIF
28039	23801	1	$\frac{-1+u^2}{(\sin(v))^2w^2}$	H	S	CDI	AB

28040	23802	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sin(v) w}}$	H	S	CDI	R
28041	23803	1	$\frac{(-1+u^2)^{3/2}}{(\sin(v))^3 w^3}$	H	S	CDI	K
28042	23804	1	$e^{\frac{\sqrt{-1+u^2}}{\sin(v) w}}$	H	S	CDI	E
28043	23805	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sin(v) w}\right)$	H	S	CDI	L
28044	23806	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sin(v) w}\right)$	H	S	CDI	S
28045	23807	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sin(v) w}\right)$	H	S	CDI	T
28046	23808	1	$\frac{\sqrt{-1+u^2} w}{\sin(v) \pi}$	H	S	CDF	CD
28047	23809	1	$\frac{\sin(v) \pi}{\sqrt{-1+u^2} w}$	H	S	CDF	CDI
28048	23810	1	$\frac{w^2 (-1+u^2)}{(\sin(v))^2 \pi^2}$	H	S	CDF	AB
28049	23811	1	$\sqrt{\frac{\sqrt{-1+u^2} w}{\sin(v) \pi}}$	H	S	CDF	R
28050	23812	1	$\frac{(-1+u^2)^{3/2} w^3}{(\sin(v))^3 \pi^3}$	H	S	CDF	K
28051	23813	1	$e^{\frac{\sqrt{-1+u^2} w}{\sin(v) \pi}}$	H	S	CDF	E
28052	23814	1	$\log\left(\frac{\sqrt{-1+u^2} w}{\sin(v) \pi}\right)$	H	S	CDF	L

28053	23815	1	$\arcsin\left(\frac{\sqrt{-1+u^2w}}{\sin(v)\pi}\right)$	H	S	CDF	S
28054	23816	1	$\arctan\left(\frac{\sqrt{-1+u^2w}}{\sin(v)\pi}\right)$	H	S	CDF	T
28055	23817	1	$\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}$	H	S	CDIF	CD
28056	23818	1	$\frac{\sin(v)w\pi}{\sqrt{-1+u^2}}$	H	S	CDIF	CDI
28057	23819	1	$\frac{-1+u^2}{(\sin(v))^2w^2\pi^2}$	H	S	CDIF	AB
28058	23820	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}}$	H	S	CDIF	R
28059	23821	1	$\frac{(-1+u^2)^{3/2}}{(\sin(v))^3w^3\pi^3}$	H	S	CDIF	K
28060	23822	1	$e^{\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}}$	H	S	CDIF	E
28061	23823	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}\right)$	H	S	CDIF	L
28062	23824	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}\right)$	H	S	CDIF	S
28063	23825	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sin(v)w\pi}\right)$	H	S	CDIF	T
28064	23826	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}$	H	S	AB	CD
28065	23827	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt{w}}$	H	S	AB	CDI
28066	23828	1	$\frac{\sqrt{-1+u^2}\sqrt{w\pi}}{\sin(v)}$	H	S	AB	CDF

28067	23829	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	S	AB	CDIF
28068	23830	1	$\frac{w(-1+u^2)}{(\sin(v))^2}$	H	S	AB	AB
28069	23831	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}}$	H	S	AB	R
28070	23832	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(\sin(v))^3}$	H	S	AB	K
28071	23833	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}}$	H	S	AB	E
28072	23834	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}\right)$	H	S	AB	L
28073	23835	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}\right)$	H	S	AB	S
28074	23836	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sin(v)}\right)$	H	S	AB	T
28075	23837	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}$	H	S	R	CD
28076	23838	1	$\frac{\sin(v)}{\sqrt{-1+u^2}w^2}$	H	S	R	CDI
28077	23839	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\sin(v)}$	H	S	R	CDF
28078	23840	1	$\frac{\sin(v)}{\sqrt{-1+u^2}w^2\pi}$	H	S	R	CDIF
28079	23841	1	$\frac{w^4(-1+u^2)}{(\sin(v))^2}$	H	S	R	AB
28080	23842	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}}$	H	S	R	R

28081	23843	1	$\frac{(-1+u^2)^{3/2}w^6}{(\sin(v))^3}$	H	S	R	K
28082	23844	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}}$	H	S	R	E
28083	23845	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}\right)$	H	S	R	L
28084	23846	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}\right)$	H	S	R	S
28085	23847	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sin(v)}\right)$	H	S	R	T
28086	23848	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}$	H	S	K	CD
28087	23849	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	S	K	CDI
28088	23850	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\sin(v)}$	H	S	K	CDF
28089	23851	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	S	K	CDIF
28090	23852	1	$\frac{(-1+u^2)w^{2/3}}{(\sin(v))^2}$	H	S	K	AB
28091	23853	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}}$	H	S	K	R
28092	23854	1	$\frac{(-1+u^2)^{3/2}w}{(\sin(v))^3}$	H	S	K	K
28093	23855	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}}$	H	S	K	E
28094	23856	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}\right)$	H	S	K	L

28095	23857	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}\right)$	H	S	K	S
28096	23858	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sin(v)}\right)$	H	S	K	T
28097	23859	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\sin(v)}$	H	S	E	CD
28098	23860	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\ln(w)}$	H	S	E	CDI
28099	23861	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\sin(v)}$	H	S	E	CDF
28100	23862	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\ln(w)\pi}$	H	S	E	CDIF
28101	23863	1	$\frac{(\ln(w))^2(-1+u^2)}{(\sin(v))^2}$	H	S	E	AB
28102	23864	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\sin(v)}}$	H	S	E	R
28103	23865	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{(\sin(v))^3}$	H	S	E	K
28104	23866	1	$w^{\frac{\sqrt{-1+u^2}}{\sin(v)}}$	H	S	E	E
28105	23867	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sin(v)}\right)$	H	S	E	L
28106	23868	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sin(v)}\right)$	H	S	E	S
28107	23869	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sin(v)}\right)$	H	S	E	T
28108	23870	1	$\frac{\sqrt{-1+u^2}Exp(w)}{\sin(v)}$	H	S	L	CD

28109	23871	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \operatorname{Exp}(w)}$	H	S	L	CDI
28110	23872	1	$\frac{\sqrt{-1+u^2} \operatorname{Exp}(w) \pi}{\sin(v)}$	H	S	L	CDF
28111	23873	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \operatorname{Exp}(w) \pi}$	H	S	L	CDIF
28112	23874	1	$\frac{(\operatorname{Exp}(w))^2 (-1+u^2)}{(\sin(v))^2}$	H	S	L	AB
28113	23875	1	$\sqrt{\frac{\sqrt{-1+u^2} \operatorname{Exp}(w)}{\sin(v)}}$	H	S	L	R
28114	23876	1	$\frac{(-1+u^2)^{3/2} (\operatorname{Exp}(w))^3}{(\sin(v))^3}$	H	S	L	K
28115	23877	1	$e^{\frac{\sqrt{-1+u^2} \operatorname{Exp}(w)}{\sin(v)}}$	H	S	L	E
28116	23878	1	$\log\left(\frac{\sqrt{-1+u^2} \operatorname{Exp}(w)}{\sin(v)}\right)$	H	S	L	L
28117	23879	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \operatorname{Exp}(w)}{\sin(v)}\right)$	H	S	L	S
28118	23880	1	$\arctan\left(\frac{\sqrt{-1+u^2} \operatorname{Exp}(w)}{\sin(v)}\right)$	H	S	L	T
28119	23881	1	$\frac{\sqrt{-1+u^2} \sin(w)}{\sin(v)}$	H	S	S	CD
28120	23882	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \sin(w)}$	H	S	S	CDI
28121	23883	1	$\frac{\sqrt{-1+u^2} \sin(w) \pi}{\sin(v)}$	H	S	S	CDF
28122	23884	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \sin(w) \pi}$	H	S	S	CDIF

28123	23885	1	$\frac{(\sin(w))^2(-1+u^2)}{(\sin(v))^2}$	H	S	S	AB
28124	23886	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)}}$	H	S	S	R
28125	23887	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(\sin(v))^3}$	H	S	S	K
28126	23888	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)}}$	H	S	S	E
28127	23889	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)}\right)$	H	S	S	L
28128	23890	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)}\right)$	H	S	S	S
28129	23891	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)}\right)$	H	S	S	T
28130	23892	1	$\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)\cos(w)}$	H	S	T	CD
28131	23893	1	$\frac{\sin(v)\cos(w)}{\sqrt{-1+u^2}\sin(w)}$	H	S	T	CDI
28132	23894	1	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{\sin(v)\cos(w)}$	H	S	T	CDF
28133	23895	1	$\frac{\sin(v)\cos(w)}{\sqrt{-1+u^2}\sin(w)\pi}$	H	S	T	CDIF
28134	23896	1	$\frac{(\sin(w))^2(-1+u^2)}{(\sin(v))^2(\cos(w))^2}$	H	S	T	AB
28135	23897	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\sin(v)\cos(w)}}$	H	S	T	R
28136	23898	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(\sin(v))^3(\cos(w))^3}$	H	S	T	K

28137	23899	1	$e^{\frac{\sqrt{-1+u^2} \sin(w)}{\sin(v) \cos(w)}}$	H	S	T	E
28138	23900	1	$\log \left(\frac{\sqrt{-1+u^2} \sin(w)}{\sin(v) \cos(w)} \right)$	H	S	T	L
28139	23901	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \sin(w)}{\sin(v) \cos(w)} \right)$	H	S	T	S
28140	23902	1	$\arctan \left(\frac{\sqrt{-1+u^2} \sin(w)}{\sin(v) \cos(w)} \right)$	H	S	T	T
28141	23903	1	$\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\sin(v)}$	H	S	P	CD
28142	23904	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \sqrt{1-w^2}}$	H	S	P	CDI
28143	23905	1	$\frac{\sqrt{-1+u^2} \sqrt{1-w^2} \pi}{\sin(v)}$	H	S	P	CDF
28144	23906	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \sqrt{1-w^2} \pi}$	H	S	P	CDIF
28145	23907	1	$\sqrt{\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\sin(v)}}$	H	S	P	R
28146	23908	1	$\frac{(-1+u^2)^{3/2} (1-w^2)^{3/2}}{(\sin(v))^3}$	H	S	P	K
28147	23909	1	$e^{\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\sin(v)}}$	H	S	P	E
28148	23910	1	$\log \left(\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\sin(v)} \right)$	H	S	P	L
28149	23911	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \sqrt{1-w^2}}{\sin(v)} \right)$	H	S	P	S

28150	23912	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sin(v)}\right)$	H	S	P	T
28151	23913	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}$	H	S	H	CD
28152	23914	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	S	H	CDI
28153	23915	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\sin(v)}$	H	S	H	CDF
28154	23916	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	S	H	CDIF
28155	23917	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}}$	H	S	H	R
28156	23918	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(\sin(v))^3}$	H	S	H	K
28157	23919	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}}$	H	S	H	E
28158	23920	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	H	S	H	L
28159	23921	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	H	S	H	S
28160	23922	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sin(v)}\right)$	H	S	H	T
28161	23923	1	$\frac{\sqrt{-1+u^2}w}{\tan(v)}$	H	T	CD	CD
28162	23924	1	$\frac{\tan(v)}{\sqrt{-1+u^2}w}$	H	T	CD	CDI
28163	23924	2	$\frac{\tan(v)}{\sqrt{-1+u^2}w}$	H	T	CDF	CDIF

28164	23925	1	$\frac{\sqrt{-1+u^2}w\pi}{\tan(v)}$	H	T	CD	CDF
28165	23926	1	$\frac{\tan(v)}{\sqrt{-1+u^2}w\pi}$	H	T	CD	CDIF
28166	23927	1	$\frac{w^2(-1+u^2)}{(\tan(v))^2}$	H	T	CD	AB
28167	23928	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\tan(v)}}$	H	T	CD	R
28168	23929	1	$\frac{(-1+u^2)^{3/2}w^3}{(\tan(v))^3}$	H	T	CD	K
28169	23930	1	$e^{\frac{\sqrt{-1+u^2}w}{\tan(v)}}$	H	T	CD	E
28170	23931	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\tan(v)}\right)$	H	T	CD	L
28171	23932	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\tan(v)}\right)$	H	T	CD	S
28172	23933	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\tan(v)}\right)$	H	T	CD	T
28173	23934	1	$\frac{\sqrt{-1+u^2}}{\tan(v)w}$	H	T	CDI	CD
28174	23934	2	$\frac{\sqrt{-1+u^2}}{\tan(v)w}$	H	T	CDIF	CDF
28175	23935	1	$\frac{\tan(v)w}{\sqrt{-1+u^2}}$	H	T	CDI	CDI
28176	23935	2	$\frac{\tan(v)w}{\sqrt{-1+u^2}}$	H	T	CDIF	CDIF
28177	23936	1	$\frac{\sqrt{-1+u^2}\pi}{\tan(v)w}$	H	T	CDI	CDF
28178	23937	1	$\frac{\tan(v)w}{\sqrt{-1+u^2}\pi}$	H	T	CDI	CDIF

28179	23938	1	$\frac{-1+u^2}{(\tan(v))^2 w^2}$	H	T	CDI	AB
28180	23939	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\tan(v) w}}$	H	T	CDI	R
28181	23940	1	$\frac{(-1+u^2)^{3/2}}{(\tan(v))^3 w^3}$	H	T	CDI	K
28182	23941	1	$e^{\frac{\sqrt{-1+u^2}}{\tan(v) w}}$	H	T	CDI	E
28183	23942	1	$\log\left(\frac{\sqrt{-1+u^2}}{\tan(v) w}\right)$	H	T	CDI	L
28184	23943	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\tan(v) w}\right)$	H	T	CDI	S
28185	23944	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\tan(v) w}\right)$	H	T	CDI	T
28186	23945	1	$\frac{\sqrt{-1+u^2} w}{\tan(v) \pi}$	H	T	CDF	CD
28187	23946	1	$\frac{\tan(v) \pi}{\sqrt{-1+u^2} w}$	H	T	CDF	CDI
28188	23947	1	$\frac{\sqrt{(u-1)(u+1)} w}{\tan(v)}$	H	T	CDF	CDF
28189	23948	1	$\frac{w^2 (-1+u^2)}{(\tan(v))^2 \pi^2}$	H	T	CDF	AB
28190	23949	1	$\sqrt{\frac{\sqrt{-1+u^2} w}{\tan(v) \pi}}$	H	T	CDF	R
28191	23950	1	$\frac{(-1+u^2)^{3/2} w^3}{(\tan(v))^3 \pi^3}$	H	T	CDF	K
28192	23951	1	$e^{\frac{\sqrt{-1+u^2} w}{\tan(v) \pi}}$	H	T	CDF	E

28193	23952	1	$\log \left(\frac{\sqrt{-1+u^2}w}{\tan(v)\pi} \right)$	H	T	CDF	L
28194	23953	1	$\arcsin \left(\frac{\sqrt{-1+u^2}w}{\tan(v)\pi} \right)$	H	T	CDF	S
28195	23954	1	$\arctan \left(\frac{\sqrt{-1+u^2}w}{\tan(v)\pi} \right)$	H	T	CDF	T
28196	23955	1	$\frac{\sqrt{-1+u^2}}{\tan(v)w\pi}$	H	T	CDIF	CD
28197	23956	1	$\frac{\tan(v)w\pi}{\sqrt{-1+u^2}}$	H	T	CDIF	CDI
28198	23957	1	$\frac{-1+u^2}{(\tan(v))^2w^2\pi^2}$	H	T	CDIF	AB
28199	23958	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\tan(v)w\pi}}$	H	T	CDIF	R
28200	23959	1	$\frac{(-1+u^2)^{3/2}}{(\tan(v))^3w^3\pi^3}$	H	T	CDIF	K
28201	23960	1	$e^{\frac{\sqrt{-1+u^2}}{\tan(v)w\pi}}$	H	T	CDIF	E
28202	23961	1	$\log \left(\frac{\sqrt{-1+u^2}}{\tan(v)w\pi} \right)$	H	T	CDIF	L
28203	23962	1	$\arcsin \left(\frac{\sqrt{-1+u^2}}{\tan(v)w\pi} \right)$	H	T	CDIF	S
28204	23963	1	$\arctan \left(\frac{\sqrt{-1+u^2}}{\tan(v)w\pi} \right)$	H	T	CDIF	T
28205	23964	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}$	H	T	AB	CD

28206	23965	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{w}}$	H	T	AB	CDI
28207	23966	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\tan(v)}$	H	T	AB	CDF
28208	23967	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	T	AB	CDIF
28209	23968	1	$\frac{w(-1+u^2)}{(\tan(v))^2}$	H	T	AB	AB
28210	23969	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}}$	H	T	AB	R
28211	23970	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(\tan(v))^3}$	H	T	AB	K
28212	23971	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}}$	H	T	AB	E
28213	23972	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}\right)$	H	T	AB	L
28214	23973	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}\right)$	H	T	AB	S
28215	23974	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\tan(v)}\right)$	H	T	AB	T
28216	23975	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}$	H	T	R	CD
28217	23976	1	$\frac{\tan(v)}{\sqrt{-1+u^2}w^2}$	H	T	R	CDI
28218	23977	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\tan(v)}$	H	T	R	CDF
28219	23978	1	$\frac{\tan(v)}{\sqrt{-1+u^2}w^2\pi}$	H	T	R	CDIF

28220	23979	1	$\frac{w^4 (-1 + u^2)}{(\tan(v))^2}$	H	T	R	AB
28221	23980	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}}$	H	T	R	R
28222	23981	1	$\frac{(-1 + u^2)^{3/2} w^6}{(\tan(v))^3}$	H	T	R	K
28223	23982	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}}$	H	T	R	E
28224	23983	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}\right)$	H	T	R	L
28225	23984	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}\right)$	H	T	R	S
28226	23985	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\tan(v)}\right)$	H	T	R	T
28227	23986	1	$\frac{\sqrt{-1 + u^2} \sqrt[3]{w}}{\tan(v)}$	H	T	K	CD
28228	23987	1	$\frac{\tan(v)}{\sqrt{-1 + u^2} \sqrt[3]{w}}$	H	T	K	CDI
28229	23988	1	$\frac{\sqrt{-1 + u^2} \sqrt[3]{w} \pi}{\tan(v)}$	H	T	K	CDF
28230	23989	1	$\frac{\tan(v)}{\sqrt{-1 + u^2} \sqrt[3]{w} \pi}$	H	T	K	CDIF
28231	23990	1	$\frac{(-1 + u^2) w^{2/3}}{(\tan(v))^2}$	H	T	K	AB
28232	23991	1	$\sqrt{\frac{\sqrt{-1 + u^2} \sqrt[3]{w}}{\tan(v)}}$	H	T	K	R
28233	23992	1	$\frac{(-1 + u^2)^{3/2} w}{(\tan(v))^3}$	H	T	K	K

28234	23993	1	$e^{\frac{\sqrt{-1+u^2} \sqrt[3]{w}}{\tan(v)}}$	H	T	K	E
28235	23994	1	$\log\left(\frac{\sqrt{-1+u^2} \sqrt[3]{w}}{\tan(v)}\right)$	H	T	K	L
28236	23995	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \sqrt[3]{w}}{\tan(v)}\right)$	H	T	K	S
28237	23996	1	$\arctan\left(\frac{\sqrt{-1+u^2} \sqrt[3]{w}}{\tan(v)}\right)$	H	T	K	T
28238	23997	1	$\frac{\sqrt{-1+u^2} \ln(w)}{\tan(v)}$	H	T	E	CD
28239	23998	1	$\frac{\tan(v)}{\sqrt{-1+u^2} \ln(w)}$	H	T	E	CDI
28240	23999	1	$\frac{\sqrt{-1+u^2} \ln(w) \pi}{\tan(v)}$	H	T	E	CDF
28241	24000	1	$\frac{\tan(v)}{\sqrt{-1+u^2} \ln(w) \pi}$	H	T	E	CDIF
28242	24001	1	$\frac{(\ln(w))^2 (-1+u^2)}{(\tan(v))^2}$	H	T	E	AB
28243	24002	1	$\sqrt{\frac{\sqrt{-1+u^2} \ln(w)}{\tan(v)}}$	H	T	E	R
28244	24003	1	$\frac{(-1+u^2)^{3/2} (\ln(w))^3}{(\tan(v))^3}$	H	T	E	K
28245	24004	1	$w^{\frac{\sqrt{-1+u^2}}{\tan(v)}}$	H	T	E	E
28246	24005	1	$\log\left(\frac{\sqrt{-1+u^2} \ln(w)}{\tan(v)}\right)$	H	T	E	L
28247	24006	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \ln(w)}{\tan(v)}\right)$	H	T	E	S

28248	24007	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\tan(v)}\right)$	H	T	E	T
28249	24008	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}$	H	T	L	CD
28250	24009	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\text{Exp}(w)}$	H	T	L	CDI
28251	24010	1	$\frac{\sqrt{-1+u^2}\text{Exp}(w)\pi}{\tan(v)}$	H	T	L	CDF
28252	24011	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\text{Exp}(w)\pi}$	H	T	L	CDIF
28253	24012	1	$\frac{(\text{Exp}(w))^2(-1+u^2)}{(\tan(v))^2}$	H	T	L	AB
28254	24013	1	$\sqrt{\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}}$	H	T	L	R
28255	24014	1	$\frac{(-1+u^2)^{3/2}(\text{Exp}(w))^3}{(\tan(v))^3}$	H	T	L	K
28256	24015	1	$e^{\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}}$	H	T	L	E
28257	24016	1	$\log\left(\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}\right)$	H	T	L	L
28258	24017	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}\right)$	H	T	L	S
28259	24018	1	$\arctan\left(\frac{\sqrt{-1+u^2}\text{Exp}(w)}{\tan(v)}\right)$	H	T	L	T
28260	24019	1	$\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)}$	H	T	S	CD
28261	24020	1	$\frac{\sin(v)}{\sqrt{-1+u^2}\cos(v)\sin(w)}$	H	T	S	CDI

28262	24021	1	$\frac{\sqrt{-1+u^2} \cos(v) \sin(w) \pi}{\sin(v)}$	H	T	S	CDF
28263	24022	1	$\frac{\sin(v)}{\sqrt{-1+u^2} \cos(v) \sin(w) \pi}$	H	T	S	CDIF
28264	24023	1	$\frac{(\cos(v))^2 (\sin(w))^2 (-1+u^2)}{(\sin(v))^2}$	H	T	S	AB
28265	24024	1	$\sqrt{\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v)}}$	H	T	S	R
28266	24025	1	$\frac{(-1+u^2)^{3/2} (\cos(v))^3 (\sin(w))^3}{(\sin(v))^3}$	H	T	S	K
28267	24026	1	$e^{\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v)}}$	H	T	S	E
28268	24027	1	$\log\left(\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	H	T	S	L
28269	24028	1	$\arcsin\left(\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	H	T	S	S
28270	24029	1	$\arctan\left(\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v)}\right)$	H	T	S	T
28271	24030	1	$\frac{\sqrt{-1+u^2} \cos(v) \sin(w)}{\sin(v) \cos(w)}$	H	T	T	CD
28272	24031	1	$\frac{\sin(v) \cos(w)}{\sqrt{-1+u^2} \cos(v) \sin(w)}$	H	T	T	CDI
28273	24032	1	$\frac{\sqrt{-1+u^2} \cos(v) \sin(w) \pi}{\sin(v) \cos(w)}$	H	T	T	CDF
28274	24033	1	$\frac{\sin(v) \cos(w)}{\sqrt{-1+u^2} \cos(v) \sin(w) \pi}$	H	T	T	CDIF
28275	24034	1	$\frac{(\cos(v))^2 (\sin(w))^2 (-1+u^2)}{(\sin(v))^2 (\cos(w))^2}$	H	T	T	AB

28276	24035	1	$\sqrt{\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)\cos(w)}}$	H	T	T	R
28277	24036	1	$\frac{(-1+u^2)^{3/2}(\cos(v))^3(\sin(w))^3}{(\sin(v))^3(\cos(w))^3}$	H	T	T	K
28278	24037	1	$e^{\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)\cos(w)}}$	H	T	T	E
28279	24038	1	$\log\left(\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)\cos(w)}\right)$	H	T	T	L
28280	24039	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)\cos(w)}\right)$	H	T	T	S
28281	24040	1	$\arctan\left(\frac{\sqrt{-1+u^2}\cos(v)\sin(w)}{\sin(v)\cos(w)}\right)$	H	T	T	T
28282	24041	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}$	H	T	P	CD
28283	24042	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	T	P	CDI
28284	24043	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\tan(v)}$	H	T	P	CDF
28285	24044	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	T	P	CDIF
28286	24045	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}}$	H	T	P	R
28287	24046	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{(\tan(v))^3}$	H	T	P	K
28288	24047	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}}$	H	T	P	E
28289	24048	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	H	T	P	L

28290	24049	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	H	T	P	S
28291	24050	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\tan(v)}\right)$	H	T	P	T
28292	24051	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}$	H	T	H	CD
28293	24052	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	T	H	CDI
28294	24053	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\tan(v)}$	H	T	H	CDF
28295	24054	1	$\frac{\tan(v)}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	T	H	CDIF
28296	24055	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}}$	H	T	H	R
28297	24056	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(\tan(v))^3}$	H	T	H	K
28298	24057	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}}$	H	T	H	E
28299	24058	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	H	T	H	L
28300	24059	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	H	T	H	S
28301	24060	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\tan(v)}\right)$	H	T	H	T
28302	24061	1	$\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}}$	H	P	CD	CD
28303	24061	2	$\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}}$	H	P	CDF	CDF

28304	24062	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2w}}$	H	P	CD	CDI
28305	24062	2	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2w}}$	H	P	CDF	CDIF
28306	24063	1	$\frac{\sqrt{-1+u^2w}\pi}{\sqrt{1-v^2}}$	H	P	CD	CDF
28307	24064	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2w}\pi}$	H	P	CD	CDIF
28308	24065	1	$\sqrt{\frac{\sqrt{-1+u^2w}}{\sqrt{1-v^2}}}$	H	P	CD	R
28309	24066	1	$\frac{(-1+u^2)^{3/2}w^3}{(1-v^2)^{3/2}}$	H	P	CD	K
28310	24067	1	$e^{\frac{\sqrt{-1+u^2w}}{\sqrt{1-v^2}}}$	H	P	CD	E
28311	24068	1	$\log\left(\frac{\sqrt{-1+u^2w}}{\sqrt{1-v^2}}\right)$	H	P	CD	L
28312	24069	1	$\arcsin\left(\frac{\sqrt{-1+u^2w}}{\sqrt{1-v^2}}\right)$	H	P	CD	S
28313	24070	1	$\arctan\left(\frac{\sqrt{-1+u^2w}}{\sqrt{1-v^2}}\right)$	H	P	CD	T
28314	24071	1	$\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}$	H	P	CDI	CD
28315	24072	1	$\frac{\sqrt{1-v^2}w}{\sqrt{-1+u^2}}$	H	P	CDI	CDI
28316	24072	2	$\frac{\sqrt{1-v^2}w}{\sqrt{-1+u^2}}$	H	P	CDIF	CDIF
28317	24073	1	$\frac{\sqrt{-1+u^2}\pi}{\sqrt{1-v^2}w}$	H	P	CDI	CDF

28318	24074	1	$\frac{\sqrt{1-v^2}w}{\sqrt{-1+u^2}\pi}$	H	P	CDI	CDIF
28319	24075	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}}$	H	P	CDI	R
28320	24076	1	$\frac{(-1+u^2)^{3/2}}{(1-v^2)^{3/2}w^3}$	H	P	CDI	K
28321	24077	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}}$	H	P	CDI	E
28322	24078	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}\right)$	H	P	CDI	L
28323	24079	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}\right)$	H	P	CDI	S
28324	24080	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w}\right)$	H	P	CDI	T
28325	24081	1	$\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}$	H	P	CDF	CD
28326	24082	1	$\frac{\sqrt{1-v^2}\pi}{\sqrt{-1+u^2}w}$	H	P	CDF	CDI
28327	24083	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}}$	H	P	CDF	R
28328	24084	1	$\frac{(-1+u^2)^{3/2}w^3}{(1-v^2)^{3/2}\pi^3}$	H	P	CDF	K
28329	24085	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}}$	H	P	CDF	E
28330	24086	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}\right)$	H	P	CDF	L
28331	24087	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}\right)$	H	P	CDF	S

28332	24088	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt{1-v^2}\pi}\right)$	H	P	CDF	T
28333	24089	1	$\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}$	H	P	CDIF	CD
28334	24090	1	$\frac{\sqrt{1-v^2}w\pi}{\sqrt{-1+u^2}}$	H	P	CDIF	CDI
28335	24091	1	$\frac{\sqrt{(u-1)(u+1)}}{\sqrt{-(v-1)(v+1)}w}$	H	P	CDIF	CDF
28336	24092	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}}$	H	P	CDIF	R
28337	24093	1	$\frac{(-1+u^2)^{3/2}}{(1-v^2)^{3/2}w^3\pi^3}$	H	P	CDIF	K
28338	24094	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}}$	H	P	CDIF	E
28339	24095	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}\right)$	H	P	CDIF	L
28340	24096	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}\right)$	H	P	CDIF	S
28341	24097	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}w\pi}\right)$	H	P	CDIF	T
28342	24098	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}$	H	P	AB	CD
28343	24099	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{w}}$	H	P	AB	CDI
28344	24100	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\sqrt{1-v^2}}$	H	P	AB	CDF

28345	24101	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	P	AB	CDIF
28346	24102	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}}$	H	P	AB	R
28347	24103	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(1-v^2)^{3/2}}$	H	P	AB	K
28348	24104	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}}$	H	P	AB	E
28349	24105	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	H	P	AB	L
28350	24106	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	H	P	AB	S
28351	24107	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{1-v^2}}\right)$	H	P	AB	T
28352	24108	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}$	H	P	R	CD
28353	24109	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}w^2}$	H	P	R	CDI
28354	24110	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\sqrt{-(v-1)(v+1)}}$	H	P	R	CDF
28355	24111	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}w^2\pi}$	H	P	R	CDIF
28356	24112	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}}$	H	P	R	R
28357	24113	1	$\frac{(-1+u^2)^{3/2}w^6}{(1-v^2)^{3/2}}$	H	P	R	K
28358	24114	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{-(v-1)(v+1)}}}$	H	P	R	E

28359	24115	1	$\log \left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{-(v-1)(v+1)}} \right)$	H	P	R	L
28360	24116	1	$\arcsin \left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{-(v-1)(v+1)}} \right)$	H	P	R	S
28361	24117	1	$\arctan \left(\frac{\sqrt{(u-1)(u+1)w^2}}{\sqrt{-(v-1)(v+1)}} \right)$	H	P	R	T
28362	24118	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}$	H	P	K	CD
28363	24119	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	P	K	CDI
28364	24120	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\sqrt{1-v^2}}$	H	P	K	CDF
28365	24121	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	P	K	CDIF
28366	24122	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	H	P	K	R
28367	24123	1	$\frac{(-1+u^2)^{3/2}w}{(1-v^2)^{3/2}}$	H	P	K	K
28368	24124	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}}}$	H	P	K	E
28369	24125	1	$\log \left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}} \right)$	H	P	K	L
28370	24126	1	$\arcsin \left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}} \right)$	H	P	K	S
28371	24127	1	$\arctan \left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{1-v^2}} \right)$	H	P	K	T

28372	24128	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{1-v^2}}$	H	P	E	CD
28373	24129	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\ln(w)}$	H	P	E	CDI
28374	24130	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\sqrt{1-v^2}}$	H	P	E	CDF
28375	24131	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\ln(w)\pi}$	H	P	E	CDIF
28376	24132	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{1-v^2}}}$	H	P	E	R
28377	24133	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{(1-v^2)^{3/2}}$	H	P	E	K
28378	24134	1	$w \frac{\sqrt{-1+u^2}}{\sqrt{1-v^2}}$	H	P	E	E
28379	24135	1	$\log\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{1-v^2}}\right)$	H	P	E	L
28380	24136	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{1-v^2}}\right)$	H	P	E	S
28381	24137	1	$\arctan\left(\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{1-v^2}}\right)$	H	P	E	T
28382	24138	1	$\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}$	H	P	L	CD
28383	24139	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}Exp(w)}$	H	P	L	CDI
28384	24140	1	$\frac{\sqrt{-1+u^2}Exp(w)\pi}{\sqrt{1-v^2}}$	H	P	L	CDF
28385	24141	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}Exp(w)\pi}$	H	P	L	CDIF

28386	24142	1	$\sqrt{\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}}$	H	P	L	R
28387	24143	1	$\frac{(-1+u^2)^{3/2}(Exp(w))^3}{(1-v^2)^{3/2}}$	H	P	L	K
28388	24144	1	$e^{\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}}$	H	P	L	E
28389	24145	1	$\log\left(\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}\right)$	H	P	L	L
28390	24146	1	$\arcsin\left(\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}\right)$	H	P	L	S
28391	24147	1	$\arctan\left(\frac{\sqrt{-1+u^2}Exp(w)}{\sqrt{1-v^2}}\right)$	H	P	L	T
28392	24148	1	$\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}$	H	P	S	CD
28393	24149	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sin(w)}$	H	P	S	CDI
28394	24150	1	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{\sqrt{1-v^2}}$	H	P	S	CDF
28395	24151	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sin(w)\pi}$	H	P	S	CDIF
28396	24152	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}}$	H	P	S	R
28397	24153	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(1-v^2)^{3/2}}$	H	P	S	K
28398	24154	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}}$	H	P	S	E
28399	24155	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	H	P	S	L

28400	24156	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	H	P	S	S
28401	24157	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{1-v^2}}\right)$	H	P	S	T
28402	24158	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}$	H	P	T	CD
28403	24159	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\tan(w)}$	H	P	T	CDI
28404	24160	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\sqrt{1-v^2}}$	H	P	T	CDF
28405	24161	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\tan(w)\pi}$	H	P	T	CDIF
28406	24162	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}}$	H	P	T	R
28407	24163	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{(1-v^2)^{3/2}}$	H	P	T	K
28408	24164	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}}$	H	P	T	E
28409	24165	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	H	P	T	L
28410	24166	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	H	P	T	S
28411	24167	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{1-v^2}}\right)$	H	P	T	T
28412	24168	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}$	H	P	P	CD

28413	24169	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	P	P	CDI
28414	24170	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\sqrt{1-v^2}}$	H	P	P	CDF
28415	24171	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	P	P	CDIF
28416	24172	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	H	P	P	R
28417	24173	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{(1-v^2)^{3/2}}$	H	P	P	K
28418	24174	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}}$	H	P	P	E
28419	24175	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	H	P	P	L
28420	24176	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	H	P	P	S
28421	24177	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{1-v^2}}\right)$	H	P	P	T
28422	24178	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}$	H	P	H	CD
28423	24179	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	P	H	CDI
28424	24180	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\sqrt{1-v^2}}$	H	P	H	CDF
28425	24181	1	$\frac{\sqrt{1-v^2}}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	P	H	CDIF
28426	24182	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	H	P	H	R

28427	24183	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(1-v^2)^{3/2}}$	H	P	H	K
28428	24184	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}}$	H	P	H	E
28429	24185	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	H	P	H	L
28430	24186	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	H	P	H	S
28431	24187	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{1-v^2}}\right)$	H	P	H	T
28432	24188	1	$\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}}$	H	H	CD	CD
28433	24188	2	$\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}}$	H	H	CDF	CDF
28434	24189	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}w}$	H	H	CD	CDI
28435	24189	2	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}w}$	H	H	CDF	CDIF
28436	24190	1	$\frac{\sqrt{-1+u^2}w\pi}{\sqrt{-1+v^2}}$	H	H	CD	CDF
28437	24191	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}w\pi}$	H	H	CD	CDIF
28438	24192	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}}}$	H	H	CD	R
28439	24193	1	$\frac{(-1+u^2)^{3/2}w^3}{(-1+v^2)^{3/2}}$	H	H	CD	K
28440	24194	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}}}$	H	H	CD	E

28441	24195	1	$\log \left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}} \right)$	H	H	CD	L
28442	24196	1	$\arcsin \left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}} \right)$	H	H	CD	S
28443	24197	1	$\arctan \left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}} \right)$	H	H	CD	T
28444	24198	1	$\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w}$	H	H	CDI	CD
28445	24199	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{-1+u^2}}$	H	H	CDI	CDI
28446	24199	2	$\frac{\sqrt{-1+v^2}w}{\sqrt{-1+u^2}}$	H	H	CDIF	CDIF
28447	24200	1	$\frac{\sqrt{-1+u^2}\pi}{\sqrt{-1+v^2}w}$	H	H	CDI	CDF
28448	24201	1	$\frac{\sqrt{-1+v^2}w}{\sqrt{-1+u^2}\pi}$	H	H	CDI	CDIF
28449	24202	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w}}$	H	H	CDI	R
28450	24203	1	$\frac{(-1+u^2)^{3/2}}{(-1+v^2)^{3/2}w^3}$	H	H	CDI	K
28451	24204	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w}}$	H	H	CDI	E
28452	24205	1	$\log \left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w} \right)$	H	H	CDI	L
28453	24206	1	$\arcsin \left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w} \right)$	H	H	CDI	S
28454	24207	1	$\arctan \left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w} \right)$	H	H	CDI	T

28455	24208	1	$\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}$	H	H	CDF	CD
28456	24209	1	$\frac{\sqrt{-1+v^2}\pi}{\sqrt{-1+u^2}w}$	H	H	CDF	CDI
28457	24210	1	$\sqrt{\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}}$	H	H	CDF	R
28458	24211	1	$\frac{(-1+u^2)^{3/2}w^3}{(-1+v^2)^{3/2}\pi^3}$	H	H	CDF	K
28459	24212	1	$e^{\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}}$	H	H	CDF	E
28460	24213	1	$\log\left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}\right)$	H	H	CDF	L
28461	24214	1	$\arcsin\left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}\right)$	H	H	CDF	S
28462	24215	1	$\arctan\left(\frac{\sqrt{-1+u^2}w}{\sqrt{-1+v^2}\pi}\right)$	H	H	CDF	T
28463	24216	1	$\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}$	H	H	CDIF	CD
28464	24217	1	$\frac{\sqrt{-1+v^2}w\pi}{\sqrt{-1+u^2}}$	H	H	CDIF	CDI
28465	24218	1	$\frac{\sqrt{(u-1)(u+1)}}{\sqrt{(v-1)(v+1)}w}$	H	H	CDIF	CDF
28466	24219	1	$\sqrt{\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}}$	H	H	CDIF	R
28467	24220	1	$\frac{(-1+u^2)^{3/2}}{(-1+v^2)^{3/2}w^3\pi^3}$	H	H	CDIF	K

28468	24221	1	$e^{\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}}$	H	H	CDIF	E
28469	24222	1	$\log\left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}\right)$	H	H	CDIF	L
28470	24223	1	$\arcsin\left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}\right)$	H	H	CDIF	S
28471	24224	1	$\arctan\left(\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}w\pi}\right)$	H	H	CDIF	T
28472	24225	1	$\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}$	H	H	AB	CD
28473	24226	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{w}}$	H	H	AB	CDI
28474	24227	1	$\frac{\sqrt{-1+u^2}\sqrt{w}\pi}{\sqrt{-1+v^2}}$	H	H	AB	CDF
28475	24228	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{w}\pi}$	H	H	AB	CDIF
28476	24229	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}}$	H	H	AB	R
28477	24230	1	$\frac{(-1+u^2)^{3/2}w^{3/2}}{(-1+v^2)^{3/2}}$	H	H	AB	K
28478	24231	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}}$	H	H	AB	E
28479	24232	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	H	H	AB	L
28480	24233	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	H	H	AB	S
28481	24234	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{w}}{\sqrt{-1+v^2}}\right)$	H	H	AB	T

28482	24235	1	$\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}$	H	H	R	CD
28483	24236	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2w^2}}$	H	H	R	CDI
28484	24237	1	$\frac{\sqrt{(u-1)(u+1)}w^2\pi}{\sqrt{(v-1)(v+1)}}$	H	H	R	CDF
28485	24238	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2w^2}\pi}$	H	H	R	CDIF
28486	24239	1	$\sqrt{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}}$	H	H	R	R
28487	24240	1	$\frac{(-1+u^2)^{3/2}w^6}{(-1+v^2)^{3/2}}$	H	H	R	K
28488	24241	1	$e^{\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}}$	H	H	R	E
28489	24242	1	$\log\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}$	H	H	R	L
28490	24243	1	$\arcsin\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}$	H	H	R	S
28491	24244	1	$\arctan\left(\frac{\sqrt{(u-1)(u+1)}w^2}{\sqrt{(v-1)(v+1)}}$	H	H	R	T
28492	24245	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}$	H	H	K	CD
28493	24246	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt[3]{w}}$	H	H	K	CDI
28494	24247	1	$\frac{\sqrt{-1+u^2}\sqrt[3]{w}\pi}{\sqrt{-1+v^2}}$	H	H	K	CDF
28495	24248	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt[3]{w}\pi}$	H	H	K	CDIF

28496	24249	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	H	H	K	R
28497	24250	1	$\frac{(-1+u^2)^{3/2}w}{(-1+v^2)^{3/2}}$	H	H	K	K
28498	24251	1	$e^{\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}}$	H	H	K	E
28499	24252	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	H	H	K	L
28500	24253	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	H	H	K	S
28501	24254	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt[3]{w}}{\sqrt{-1+v^2}}\right)$	H	H	K	T
28502	24255	1	$\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{-1+v^2}}$	H	H	E	CD
28503	24256	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\ln(w)}$	H	H	E	CDI
28504	24257	1	$\frac{\sqrt{-1+u^2}\ln(w)\pi}{\sqrt{-1+v^2}}$	H	H	E	CDF
28505	24258	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\ln(w)\pi}$	H	H	E	CDIF
28506	24259	1	$\sqrt{\frac{\sqrt{-1+u^2}\ln(w)}{\sqrt{-1+v^2}}}$	H	H	E	R
28507	24260	1	$\frac{(-1+u^2)^{3/2}(\ln(w))^3}{(-1+v^2)^{3/2}}$	H	H	E	K
28508	24261	1	$w^{\frac{\sqrt{-1+u^2}}{\sqrt{-1+v^2}}}$	H	H	E	E

28509	24262	1	$\log \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{-1+v^2}} \right)$	H	H	E	L
28510	24263	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{-1+v^2}} \right)$	H	H	E	S
28511	24264	1	$\arctan \left(\frac{\sqrt{-1+u^2} \ln(w)}{\sqrt{-1+v^2}} \right)$	H	H	E	T
28512	24265	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}}$	H	H	L	CD
28513	24266	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2} \text{Exp}(w)}$	H	H	L	CDI
28514	24267	1	$\frac{\sqrt{-1+u^2} \text{Exp}(w) \pi}{\sqrt{-1+v^2}}$	H	H	L	CDF
28515	24268	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2} \text{Exp}(w) \pi}$	H	H	L	CDIF
28516	24269	1	$\sqrt{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}}}$	H	H	L	R
28517	24270	1	$\frac{(-1+u^2)^{3/2} (\text{Exp}(w))^3}{(-1+v^2)^{3/2}}$	H	H	L	K
28518	24271	1	$e^{\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}}}$	H	H	L	E
28519	24272	1	$\log \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	H	H	L	L
28520	24273	1	$\arcsin \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	H	H	L	S
28521	24274	1	$\arctan \left(\frac{\sqrt{-1+u^2} \text{Exp}(w)}{\sqrt{-1+v^2}} \right)$	H	H	L	T
28522	24275	1	$\frac{\sqrt{-1+u^2} \sin(w)}{\sqrt{-1+v^2}}$	H	H	S	CD

28523	24276	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sin(w)}$	H	H	S	CDI
28524	24277	1	$\frac{\sqrt{-1+u^2}\sin(w)\pi}{\sqrt{-1+v^2}}$	H	H	S	CDF
28525	24278	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sin(w)\pi}$	H	H	S	CDIF
28526	24279	1	$\sqrt{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{-1+v^2}}}$	H	H	S	R
28527	24280	1	$\frac{(-1+u^2)^{3/2}(\sin(w))^3}{(-1+v^2)^{3/2}}$	H	H	S	K
28528	24281	1	$e^{\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{-1+v^2}}}$	H	H	S	E
28529	24282	1	$\log\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{-1+v^2}}\right)$	H	H	S	L
28530	24283	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{-1+v^2}}\right)$	H	H	S	S
28531	24284	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sin(w)}{\sqrt{-1+v^2}}\right)$	H	H	S	T
28532	24285	1	$\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}$	H	H	T	CD
28533	24286	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\tan(w)}$	H	H	T	CDI
28534	24287	1	$\frac{\sqrt{-1+u^2}\tan(w)\pi}{\sqrt{-1+v^2}}$	H	H	T	CDF
28535	24288	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\tan(w)\pi}$	H	H	T	CDIF

28536	24289	1	$\sqrt{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}}$	H	H	T	R
28537	24290	1	$\frac{(-1+u^2)^{3/2}(\tan(w))^3}{(-1+v^2)^{3/2}}$	H	H	T	K
28538	24291	1	$e^{\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}}$	H	H	T	E
28539	24292	1	$\log\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}\right)$	H	H	T	L
28540	24293	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}\right)$	H	H	T	S
28541	24294	1	$\arctan\left(\frac{\sqrt{-1+u^2}\tan(w)}{\sqrt{-1+v^2}}\right)$	H	H	T	T
28542	24295	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}$	H	H	P	CD
28543	24296	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{1-w^2}}$	H	H	P	CDI
28544	24297	1	$\frac{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}{\sqrt{-1+v^2}}$	H	H	P	CDF
28545	24298	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{1-w^2}\pi}$	H	H	P	CDIF
28546	24299	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	H	H	P	R
28547	24300	1	$\frac{(-1+u^2)^{3/2}(1-w^2)^{3/2}}{(-1+v^2)^{3/2}}$	H	H	P	K
28548	24301	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}}$	H	H	P	E
28549	24302	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	H	H	P	L

28550	24303	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	H	H	P	S
28551	24304	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{1-w^2}}{\sqrt{-1+v^2}}\right)$	H	H	P	T
28552	24305	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}$	H	H	H	CD
28553	24306	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{-1+w^2}}$	H	H	H	CDI
28554	24307	1	$\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}{\sqrt{-1+v^2}}$	H	H	H	CDF
28555	24308	1	$\frac{\sqrt{-1+v^2}}{\sqrt{-1+u^2}\sqrt{-1+w^2}\pi}$	H	H	H	CDIF
28556	24309	1	$\sqrt{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	H	H	H	R
28557	24310	1	$\frac{(-1+u^2)^{3/2}(-1+w^2)^{3/2}}{(-1+v^2)^{3/2}}$	H	H	H	K
28558	24311	1	$e^{\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}}$	H	H	H	E
28559	24312	1	$\log\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	H	H	H	L
28560	24313	1	$\arcsin\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	H	H	H	S
28561	24314	1	$\arctan\left(\frac{\sqrt{-1+u^2}\sqrt{-1+w^2}}{\sqrt{-1+v^2}}\right)$	H	H	H	T