

FermatCatalan

Count	Base A	Power X	Base B	Power Y	Base C	Power Z	C^Z	GCD(A,B,C)	If GCD = 1, 1 Else (Blank)
1	1	7	2	3	3	2	9.00E+00	1	1
2	2	3	2	3	2	4	1.60E+01	2	
3	2	4	2	4	2	5	3.20E+01	2	
4	2	4	4	2	2	5	3.20E+01	2	
5	2	5	2	5	8	2	6.40E+01	2	
6	2	5	2	5	2	6	6.40E+01	2	
7	2	5	2	5	4	3	6.40E+01	2	
8	2	5	7	2	3	4	8.10E+01	1	1
9	2	6	2	6	2	7	1.28E+02	2	
10	2	6	4	3	2	7	1.28E+02	2	
11	2	6	8	2	2	7	1.28E+02	2	
12	4	3	4	3	2	7	1.28E+02	2	
13	4	3	8	2	2	7	1.28E+02	2	
14	2	7	2	4	12	2	1.44E+02	2	
15	6	3	3	3	3	5	2.43E+02	3	
16	2	7	2	7	2	8	2.56E+02	2	
17	2	7	2	7	16	2	2.56E+02	2	
18	2	7	2	7	4	4	2.56E+02	2	
19	3	5	3	4	18	2	3.24E+02	3	
20	2	8	2	8	8	3	5.12E+02	2	
21	2	8	2	8	2	9	5.12E+02	2	
22	2	8	4	4	8	3	5.12E+02	2	
23	2	8	4	4	2	9	5.12E+02	2	
24	2	8	16	2	8	3	5.12E+02	2	
25	2	8	16	2	2	9	5.12E+02	2	
26	4	4	4	4	8	3	5.12E+02	4	
27	4	4	4	4	2	9	5.12E+02	2	
28	4	4	16	2	2	9	5.12E+02	2	
29	7	3	13	2	2	9	5.12E+02	1	1
30	2	9	2	6	24	2	5.76E+02	2	
31	2	9	4	3	24	2	5.76E+02	2	
32	2	9	2	9	4	5	1.02E+03	2	
33	2	9	2	9	32	2	1.02E+03	2	
34	2	9	2	9	2	10	1.02E+03	2	
35	2	9	8	3	4	5	1.02E+03	2	
36	2	9	8	3	32	2	1.02E+03	2	
37	2	9	8	3	2	10	1.02E+03	2	
38	8	3	8	3	4	5	1.02E+03	4	
39	8	3	8	3	2	10	1.02E+03	2	
40	2	9	28	2	6	4	1.30E+03	2	
41	2	7	40	2	12	3	1.73E+03	2	
42	3	6	6	4	45	2	2.03E+03	3	
43	2	10	2	10	2	11	2.05E+03	2	
44	2	10	4	5	2	11	2.05E+03	2	
45	2	10	32	2	2	11	2.05E+03	2	
46	4	5	4	5	2	11	2.05E+03	2	
47	4	5	32	2	2	11	2.05E+03	2	

FermatCatalan

48	2	11	2	8	48	2	2.30E+03	2	
49	2	11	4	4	48	2	2.30E+03	2	
50	7	4	7	3	14	3	2.74E+03	7	
51	3	7	3	6	54	2	2.92E+03	3	
52	3	7	9	3	54	2	2.92E+03	3	
53	5	4	50	2	5	5	3.13E+03	5	
54	2	11	2	11	64	2	4.10E+03	2	
55	2	11	2	11	2	12	4.10E+03	2	
56	2	11	2	11	16	3	4.10E+03	2	
57	2	11	2	11	8	4	4.10E+03	2	
58	2	11	2	11	4	6	4.10E+03	2	
59	2	7	17	3	71	2	5.04E+03	1	1
60	3	6	18	3	9	4	6.56E+03	3	
61	3	6	18	3	3	8	6.56E+03	3	
62	18	3	9	3	9	4	6.56E+03	9	
63	18	3	9	3	3	8	6.56E+03	3	
64	18	3	27	2	3	8	6.56E+03	3	
65	2	5	88	2	6	5	7.78E+03	2	
66	2	8	88	2	20	3	8.00E+03	2	
67	2	12	2	12	2	13	8.19E+03	2	
68	2	12	4	6	2	13	8.19E+03	2	
69	2	12	8	4	2	13	8.19E+03	2	
70	2	12	16	3	2	13	8.19E+03	2	
71	2	12	64	2	2	13	8.19E+03	2	
72	4	6	4	6	2	13	8.19E+03	2	
73	4	6	8	4	2	13	8.19E+03	2	
74	4	6	16	3	2	13	8.19E+03	2	
75	4	6	64	2	2	13	8.19E+03	2	
76	8	4	8	4	2	13	8.19E+03	2	
77	8	4	16	3	2	13	8.19E+03	2	
78	8	4	64	2	2	13	8.19E+03	2	
79	16	3	16	3	2	13	8.19E+03	2	
80	16	3	64	2	2	13	8.19E+03	2	
81	2	13	2	10	96	2	9.22E+03	2	
82	2	13	4	5	96	2	9.22E+03	2	
83	3	5	11	4	122	2	1.49E+04	1	1
84	10	4	75	2	5	6	1.56E+04	5	
85	2	13	2	13	2	14	1.64E+04	2	
86	2	13	2	13	128	2	1.64E+04	2	
87	2	13	2	13	4	7	1.64E+04	2	
88	2	13	112	2	12	4	2.07E+04	2	
89	3	8	27	3	162	2	2.62E+04	3	
90	3	9	3	8	162	2	2.62E+04	3	
91	3	9	9	4	162	2	2.62E+04	3	
92	2	14	2	14	8	5	3.28E+04	2	
93	2	14	2	14	2	15	3.28E+04	2	
94	2	14	2	14	32	3	3.28E+04	2	
95	2	14	4	7	8	5	3.28E+04	2	
96	2	14	4	7	2	15	3.28E+04	2	

FermatCatalan

97	2	14	4	7	32	3	3.28E+04	2
98	2	14	128	2	8	5	3.28E+04	2
99	2	14	128	2	2	15	3.28E+04	2
100	2	14	128	2	32	3	3.28E+04	2
101	4	7	4	7	8	5	3.28E+04	4
102	4	7	4	7	2	15	3.28E+04	2
103	4	7	4	7	32	3	3.28E+04	4
104	4	7	128	2	8	5	3.28E+04	4
105	4	7	128	2	2	15	3.28E+04	2
106	4	7	128	2	32	3	3.28E+04	4
107	28	3	104	2	2	15	3.28E+04	2
108	2	12	8	5	192	2	3.69E+04	2
109	2	12	32	3	192	2	3.69E+04	2
110	2	15	2	12	192	2	3.69E+04	2
111	2	15	4	6	192	2	3.69E+04	2
112	2	15	8	4	192	2	3.69E+04	2
113	2	15	16	3	192	2	3.69E+04	2
114	4	6	8	5	192	2	3.69E+04	4
115	8	5	8	4	192	2	3.69E+04	8
116	7	5	147	2	14	4	3.84E+04	7
117	6	5	207	2	15	4	5.06E+04	3
118	6	6	63	2	15	4	5.06E+04	3
119	2	15	2	15	2	16	6.55E+04	2
120	2	15	2	15	16	4	6.55E+04	2
121	2	15	2	15	256	2	6.55E+04	2
122	2	15	2	15	4	8	6.55E+04	2
123	2	15	8	5	2	16	6.55E+04	2
124	2	15	8	5	16	4	6.55E+04	2
125	2	15	8	5	256	2	6.55E+04	2
126	2	15	8	5	4	8	6.55E+04	2
127	2	15	32	3	2	16	6.55E+04	2
128	2	15	32	3	16	4	6.55E+04	2
129	2	15	32	3	256	2	6.55E+04	2
130	2	15	32	3	4	8	6.55E+04	2
131	8	5	8	5	2	16	6.55E+04	2
132	8	5	8	5	16	4	6.55E+04	8
133	8	5	8	5	256	2	6.55E+04	8
134	8	5	8	5	4	8	6.55E+04	4
135	8	5	32	3	2	16	6.55E+04	2
136	8	5	32	3	16	4	6.55E+04	8
137	8	5	32	3	4	8	6.55E+04	4
138	32	3	32	3	2	16	6.55E+04	2
139	32	3	32	3	16	4	6.55E+04	16
140	32	3	32	3	4	8	6.55E+04	4
141	5	6	250	2	5	7	7.81E+04	5
142	25	3	250	2	5	7	7.81E+04	5
143	10	4	300	2	10	5	1.00E+05	10
144	2	13	320	2	48	3	1.11E+05	2
145	2	16	2	16	2	17	1.31E+05	2

FermatCatalan

146	2	16	4	8	2	17	1.31E+05	2
147	2	16	16	4	2	17	1.31E+05	2
148	2	16	256	2	2	17	1.31E+05	2
149	4	8	4	8	2	17	1.31E+05	2
150	4	8	16	4	2	17	1.31E+05	2
151	4	8	256	2	2	17	1.31E+05	2
152	16	4	16	4	2	17	1.31E+05	2
153	16	4	256	2	2	17	1.31E+05	2
154	2	17	2	14	384	2	1.47E+05	2
155	2	17	4	7	384	2	1.47E+05	2
156	3	8	54	3	405	2	1.64E+05	3
157	3	10	18	4	405	2	1.64E+05	3
158	9	5	18	4	405	2	1.64E+05	9
159	3	9	54	3	3	11	1.77E+05	3
160	54	3	27	3	3	11	1.77E+05	3
161	19	4	38	3	57	3	1.85E+05	19
162	3	11	3	10	486	2	2.36E+05	3
163	3	11	9	5	486	2	2.36E+05	3
164	3	11	270	2	63	3	2.50E+05	3
165	2	17	2	17	512	2	2.62E+05	2
166	2	17	2	17	8	6	2.62E+05	2
167	2	17	2	17	2	18	2.62E+05	2
168	2	17	2	17	64	3	2.62E+05	2
169	2	17	2	17	4	9	2.62E+05	2
170	2	13	68	3	568	2	3.23E+05	2
171	2	17	448	2	24	4	3.32E+05	2
172	12	5	288	2	24	4	3.32E+05	12
173	26	4	26	3	78	3	4.75E+05	26
174	2	14	704	2	80	3	5.12E+05	2
175	4	7	704	2	80	3	5.12E+05	4
176	2	18	2	18	2	19	5.24E+05	2
177	2	18	4	9	2	19	5.24E+05	2
178	2	18	8	6	2	19	5.24E+05	2
179	2	18	64	3	2	19	5.24E+05	2
180	2	18	512	2	2	19	5.24E+05	2
181	4	9	4	9	2	19	5.24E+05	2
182	4	9	8	6	2	19	5.24E+05	2
183	4	9	64	3	2	19	5.24E+05	2
184	4	9	512	2	2	19	5.24E+05	2
185	8	6	8	6	2	19	5.24E+05	2
186	8	6	64	3	2	19	5.24E+05	2
187	8	6	512	2	2	19	5.24E+05	2
188	64	3	64	3	2	19	5.24E+05	2
189	64	3	512	2	2	19	5.24E+05	2
190	14	5	7	4	735	2	5.40E+05	7
191	2	19	2	16	768	2	5.90E+05	2
192	2	19	4	8	768	2	5.90E+05	2
193	2	19	16	4	768	2	5.90E+05	2
194	84	3	28	3	28	4	6.15E+05	28

FermatCatalan

195	15	5	15	4	900	2	8.10E+05	15
196	15	5	15	4	30	4	8.10E+05	15
197	15	5	225	2	30	4	8.10E+05	15
198	7	7	7	6	98	3	9.41E+05	7
199	7	7	49	3	98	3	9.41E+05	7
200	7	7	343	2	98	3	9.41E+05	7
201	2	19	2	19	1,024	2	1.05E+06	2
202	2	19	2	19	32	4	1.05E+06	2
203	2	19	2	19	4	10	1.05E+06	2
204	2	19	2	19	16	5	1.05E+06	2
205	2	19	2	19	2	20	1.05E+06	2
206	10	6	15	4	1,025	2	1.05E+06	5
207	6	7	30	4	1,044	2	1.09E+06	6
208	13	5	91	3	104	3	1.12E+06	13
209	3	9	33	4	1,098	2	1.21E+06	3
210	17	4	1,156	2	17	5	1.42E+06	17
211	34	4	17	4	17	5	1.42E+06	17
212	34	4	289	2	17	5	1.42E+06	17
213	7	6	1,176	2	35	4	1.50E+06	7
214	105	3	70	3	35	4	1.50E+06	35
215	3	10	1,242	2	117	3	1.60E+06	3
216	108	3	648	2	6	8	1.68E+06	6
217	3	8	18	5	1,377	2	1.90E+06	3
218	18	5	9	4	1,377	2	1.90E+06	9
219	5	8	1,250	2	5	9	1.95E+06	5
220	5	8	1,250	2	125	3	1.95E+06	5
221	25	4	1,250	2	5	9	1.95E+06	5
222	2	20	2	20	128	3	2.10E+06	2
223	2	20	2	20	2	21	2.10E+06	2
224	2	20	2	20	8	7	2.10E+06	2
225	2	20	4	10	128	3	2.10E+06	2
226	2	20	4	10	2	21	2.10E+06	2
227	2	20	4	10	8	7	2.10E+06	2
228	2	20	16	5	128	3	2.10E+06	2
229	2	20	16	5	2	21	2.10E+06	2
230	2	20	16	5	8	7	2.10E+06	2
231	2	20	32	4	128	3	2.10E+06	2
232	2	20	32	4	2	21	2.10E+06	2
233	2	20	32	4	8	7	2.10E+06	2
234	2	20	1,024	2	128	3	2.10E+06	2
235	2	20	1,024	2	2	21	2.10E+06	2
236	2	20	1,024	2	8	7	2.10E+06	2
237	4	10	4	10	128	3	2.10E+06	4
238	4	10	4	10	2	21	2.10E+06	2
239	4	10	4	10	8	7	2.10E+06	4
240	4	10	16	5	128	3	2.10E+06	4
241	4	10	16	5	2	21	2.10E+06	2
242	4	10	16	5	8	7	2.10E+06	4
243	4	10	32	4	128	3	2.10E+06	4

FermatCatalan

244	4	10	32	4	2	21	2.10E+06	2
245	4	10	32	4	8	7	2.10E+06	4
246	4	10	1,024	2	128	3	2.10E+06	4
247	4	10	1,024	2	2	21	2.10E+06	2
248	4	10	1,024	2	8	7	2.10E+06	4
249	16	5	16	5	128	3	2.10E+06	16
250	16	5	16	5	2	21	2.10E+06	2
251	16	5	16	5	8	7	2.10E+06	8
252	16	5	32	4	128	3	2.10E+06	16
253	16	5	32	4	2	21	2.10E+06	2
254	16	5	32	4	8	7	2.10E+06	8
255	16	5	1,024	2	2	21	2.10E+06	2
256	16	5	1,024	2	8	7	2.10E+06	8
257	32	4	32	4	128	3	2.10E+06	32
258	32	4	32	4	2	21	2.10E+06	2
259	32	4	32	4	8	7	2.10E+06	8
260	32	4	1,024	2	2	21	2.10E+06	2
261	32	4	1,024	2	8	7	2.10E+06	8
262	112	3	832	2	2	21	2.10E+06	2
263	112	3	832	2	8	7	2.10E+06	8
264	3	13	3	12	1,458	2	2.13E+06	3
265	3	13	9	6	1,458	2	2.13E+06	3
266	3	13	27	4	1,458	2	2.13E+06	3
267	3	13	81	3	1,458	2	2.13E+06	3
268	2	18	8	7	1,536	2	2.36E+06	2
269	2	18	128	3	1,536	2	2.36E+06	2
270	2	21	2	18	1,536	2	2.36E+06	2
271	2	21	4	9	1,536	2	2.36E+06	2
272	2	21	8	6	1,536	2	2.36E+06	2
273	2	21	64	3	1,536	2	2.36E+06	2
274	4	9	8	7	1,536	2	2.36E+06	4
275	4	9	128	3	1,536	2	2.36E+06	4
276	8	7	8	6	1,536	2	2.36E+06	8
277	8	7	64	3	1,536	2	2.36E+06	8
278	12	5	1,692	2	42	4	3.11E+06	6
279	40	4	800	2	20	5	3.20E+06	20
280	37	4	111	3	148	3	3.24E+06	37
281	18	5	18	5	1,944	2	3.78E+06	18
282	2	21	2	21	2,048	2	4.19E+06	2
283	2	21	2	21	4	11	4.19E+06	2
284	2	21	2	21	2	22	4.19E+06	2
285	2	21	8	7	2,048	2	4.19E+06	2
286	2	21	8	7	4	11	4.19E+06	2
287	2	21	8	7	2	22	4.19E+06	2
288	2	21	128	3	2,048	2	4.19E+06	2
289	2	21	128	3	4	11	4.19E+06	2
290	2	21	128	3	2	22	4.19E+06	2
291	8	7	8	7	2,048	2	4.19E+06	8
292	8	7	8	7	4	11	4.19E+06	4

FermatCatalan

293	8	7	8	7	2	22	4.19E+06	2
294	8	7	128	3	2,048	2	4.19E+06	8
295	8	7	128	3	4	11	4.19E+06	4
296	8	7	128	3	2	22	4.19E+06	2
297	128	3	128	3	4	11	4.19E+06	4
298	128	3	128	3	2	22	4.19E+06	2
299	6	8	12	6	2,160	2	4.67E+06	6
300	6	8	144	3	2,160	2	4.67E+06	6
301	12	6	36	4	2,160	2	4.67E+06	12
302	3	12	162	3	3	14	4.78E+06	3
303	3	12	162	3	2,187	2	4.78E+06	3
304	3	12	162	3	9	7	4.78E+06	3
305	9	6	162	3	3	14	4.78E+06	3
306	9	6	162	3	9	7	4.78E+06	9
307	18	5	1,701	2	3	14	4.78E+06	3
308	18	5	1,701	2	9	7	4.78E+06	9
309	27	4	162	3	3	14	4.78E+06	3
310	27	4	162	3	9	7	4.78E+06	9
311	162	3	81	3	3	14	4.78E+06	3
312	162	3	81	3	9	7	4.78E+06	9
313	162	3	729	2	3	14	4.78E+06	3
314	162	3	729	2	9	7	4.78E+06	9
315	2	21	1,792	2	48	4	5.31E+06	2
316	8	7	1,792	2	48	4	5.31E+06	8
317	20	5	40	4	2,400	2	5.76E+06	20
318	2	9	184	3	2,496	2	6.23E+06	2
319	17	5	2,312	2	51	4	6.77E+06	17
320	2	19	2,560	2	192	3	7.08E+06	2
321	2	15	2,816	2	24	5	7.96E+06	2
322	8	5	2,816	2	24	5	7.96E+06	8
323	192	3	96	3	24	5	7.96E+06	24
324	12	6	48	4	2,880	2	8.29E+06	12
325	24	5	24	4	2,880	2	8.29E+06	24
326	2	22	2	22	2	23	8.39E+06	2
327	2	22	4	11	2	23	8.39E+06	2
328	2	22	2,048	2	2	23	8.39E+06	2
329	4	11	4	11	2	23	8.39E+06	2
330	4	11	2,048	2	2	23	8.39E+06	2
331	162	3	162	3	54	4	8.50E+06	54
332	2	23	2	20	3,072	2	9.44E+06	2
333	2	23	4	10	3,072	2	9.44E+06	2
334	2	23	16	5	3,072	2	9.44E+06	2
335	2	23	32	4	3,072	2	9.44E+06	2
336	50	4	1,875	2	25	5	9.77E+06	25
337	50	4	1,875	2	5	10	9.77E+06	5
338	10	6	3,000	2	10	7	1.00E+07	10
339	100	3	3,000	2	10	7	1.00E+07	10
340	56	4	112	3	224	3	1.12E+07	56
341	45	4	2,700	2	15	6	1.14E+07	15

FermatCatalan

342	26	4	3,380	2	26	5	1.19E+07	26
343	19	5	57	4	3,610	2	1.30E+07	19
344	5	10	150	3	3,625	2	1.31E+07	5
345	3	14	54	4	3,645	2	1.33E+07	3
346	9	7	54	4	3,645	2	1.33E+07	9
347	63	4	63	3	252	3	1.60E+07	63
348	2	23	2	23	4	12	1.68E+07	2
349	2	23	2	23	8	8	1.68E+07	2
350	2	23	2	23	2	24	1.68E+07	2
351	2	23	2	23	256	3	1.68E+07	2
352	2	23	2	23	64	4	1.68E+07	2
353	2	23	2	23	16	6	1.68E+07	2
354	2	23	2	23	4,096	2	1.68E+07	2
355	260	3	65	3	65	4	1.79E+07	65
356	3	14	27	5	4,374	2	1.91E+07	3
357	3	14	243	3	4,374	2	1.91E+07	3
358	3	15	3	14	4,374	2	1.91E+07	3
359	3	15	9	7	4,374	2	1.91E+07	3
360	9	7	27	5	4,374	2	1.91E+07	9
361	9	7	243	3	4,374	2	1.91E+07	9
362	28	5	42	4	4,508	2	2.03E+07	14
363	2	19	272	3	4,544	2	2.06E+07	2
364	10	7	15	6	4,625	2	2.14E+07	5
365	10	7	225	3	4,625	2	2.14E+07	5
366	28	5	168	3	280	3	2.20E+07	28
367	12	6	288	3	72	4	2.69E+07	12
368	288	3	144	3	72	4	2.69E+07	72
369	61	4	244	3	305	3	2.84E+07	61
370	15	6	4,500	2	75	4	3.16E+07	15
371	2	20	5,632	2	320	3	3.28E+07	2
372	4	10	5,632	2	320	3	3.28E+07	4
373	2	24	2	24	2	25	3.36E+07	2
374	2	24	2	24	32	5	3.36E+07	2
375	2	24	4	12	2	25	3.36E+07	2
376	2	24	4	12	32	5	3.36E+07	2
377	2	24	8	8	2	25	3.36E+07	2
378	2	24	8	8	32	5	3.36E+07	2
379	2	24	16	6	2	25	3.36E+07	2
380	2	24	16	6	32	5	3.36E+07	2
381	2	24	64	4	2	25	3.36E+07	2
382	2	24	64	4	32	5	3.36E+07	2
383	2	24	256	3	2	25	3.36E+07	2
384	2	24	256	3	32	5	3.36E+07	2
385	2	24	4,096	2	2	25	3.36E+07	2
386	2	24	4,096	2	32	5	3.36E+07	2
387	4	12	4	12	2	25	3.36E+07	2
388	4	12	4	12	32	5	3.36E+07	4
389	4	12	8	8	2	25	3.36E+07	2
390	4	12	8	8	32	5	3.36E+07	4

FermatCatalan

391	4	12	16	6	2	25	3.36E+07	2
392	4	12	16	6	32	5	3.36E+07	4
393	4	12	64	4	2	25	3.36E+07	2
394	4	12	64	4	32	5	3.36E+07	4
395	4	12	256	3	2	25	3.36E+07	2
396	4	12	256	3	32	5	3.36E+07	4
397	4	12	4,096	2	2	25	3.36E+07	2
398	4	12	4,096	2	32	5	3.36E+07	4
399	8	8	8	8	2	25	3.36E+07	2
400	8	8	8	8	32	5	3.36E+07	8
401	8	8	16	6	2	25	3.36E+07	2
402	8	8	16	6	32	5	3.36E+07	8
403	8	8	64	4	2	25	3.36E+07	2
404	8	8	64	4	32	5	3.36E+07	8
405	8	8	256	3	2	25	3.36E+07	2
406	8	8	256	3	32	5	3.36E+07	8
407	8	8	4,096	2	2	25	3.36E+07	2
408	8	8	4,096	2	32	5	3.36E+07	8
409	16	6	16	6	2	25	3.36E+07	2
410	16	6	16	6	32	5	3.36E+07	16
411	16	6	64	4	2	25	3.36E+07	2
412	16	6	64	4	32	5	3.36E+07	16
413	16	6	256	3	2	25	3.36E+07	2
414	16	6	256	3	32	5	3.36E+07	16
415	16	6	4,096	2	2	25	3.36E+07	2
416	16	6	4,096	2	32	5	3.36E+07	16
417	64	4	64	4	2	25	3.36E+07	2
418	64	4	64	4	32	5	3.36E+07	32
419	64	4	256	3	2	25	3.36E+07	2
420	64	4	256	3	32	5	3.36E+07	32
421	64	4	4,096	2	2	25	3.36E+07	2
422	64	4	4,096	2	32	5	3.36E+07	32
423	256	3	256	3	2	25	3.36E+07	2
424	256	3	256	3	32	5	3.36E+07	32
425	256	3	4,096	2	2	25	3.36E+07	2
426	288	3	3,456	2	12	7	3.58E+07	12
427	2	22	32	5	6,144	2	3.77E+07	2
428	2	25	2	22	6,144	2	3.77E+07	2
429	2	25	4	11	6,144	2	3.77E+07	2
430	4	11	32	5	6,144	2	3.77E+07	4
431	33	5	22	5	6,655	2	4.43E+07	11
432	6	9	6,048	2	360	3	4.67E+07	6
433	3	8	360	3	6,831	2	4.67E+07	3
434	11	7	5,324	2	363	3	4.78E+07	11
435	5	10	6,250	2	5	11	4.88E+07	5
436	25	5	6,250	2	5	11	4.88E+07	5
437	34	5	51	4	85	4	5.22E+07	17
438	34	5	51	4	7,225	2	5.22E+07	17
439	34	5	2,601	2	85	4	5.22E+07	17

FermatCatalan

440	35	5	35	4	7,350	2	5.40E+07	35
441	33	5	66	4	7,623	2	5.81E+07	33
442	7	9	4,459	2	392	3	6.02E+07	7
443	288	3	6,048	2	6	10	6.05E+07	6
444	39	4	7,774	2	13	7	6.27E+07	13
445	80	4	4,800	2	20	6	6.40E+07	20
446	6	9	7,452	2	90	4	6.56E+07	6
447	6	10	2,268	2	90	4	6.56E+07	6
448	20	5	7,900	2	90	4	6.56E+07	10
449	36	5	2,268	2	90	4	6.56E+07	18
450	2	25	2	25	2	26	6.71E+07	2
451	2	25	2	25	8,192	2	6.71E+07	2
452	2	25	2	25	4	13	6.71E+07	2
453	2	25	32	5	2	26	6.71E+07	2
454	2	25	32	5	8,192	2	6.71E+07	2
455	2	25	32	5	4	13	6.71E+07	2
456	32	5	32	5	2	26	6.71E+07	2
457	32	5	32	5	8,192	2	6.71E+07	32
458	32	5	32	5	4	13	6.71E+07	4
459	364	3	273	3	91	4	6.86E+07	91
460	37	4	8,214	2	37	5	6.93E+07	37
461	15	6	90	4	8,775	2	7.70E+07	15
462	6	8	432	3	9,072	2	8.23E+07	6
463	35	5	310	3	435	3	8.23E+07	5
464	2	25	7,168	2	96	4	8.49E+07	2
465	32	5	7,168	2	96	4	8.49E+07	32
466	7	9	7,203	2	98	4	9.22E+07	7
467	6	10	18	6	9,720	2	9.45E+07	6
468	6	10	324	3	9,720	2	9.45E+07	6
469	18	6	36	5	9,720	2	9.45E+07	18
470	3	13	99	4	9,882	2	9.77E+07	3
471	20	6	6,000	2	100	4	1.00E+08	20
472	20	6	6,000	2	10	8	1.00E+08	10
473	375	3	6,875	2	10	8	1.00E+08	5
474	400	3	6,000	2	10	8	1.00E+08	10
475	82	4	8,405	2	41	5	1.16E+08	41
476	98	4	294	3	490	3	1.18E+08	98
477	3	14	486	3	10,935	2	1.20E+08	3
478	9	7	486	3	10,935	2	1.20E+08	9
479	10	8	5,000	2	500	3	1.25E+08	10
480	3	15	486	3	3	17	1.29E+08	3
481	27	5	486	3	3	17	1.29E+08	3
482	486	3	243	3	3	17	1.29E+08	3
483	2	26	2	26	2	27	1.34E+08	2
484	2	26	2	26	512	3	1.34E+08	2
485	2	26	2	26	8	9	1.34E+08	2
486	2	26	4	13	2	27	1.34E+08	2
487	2	26	4	13	512	3	1.34E+08	2
488	2	26	4	13	8	9	1.34E+08	2

FermatCatalan

489	2	26	8,192	2	2	27	1.34E+08	2
490	2	26	8,192	2	512	3	1.34E+08	2
491	2	26	8,192	2	8	9	1.34E+08	2
492	4	13	4	13	2	27	1.34E+08	2
493	4	13	4	13	512	3	1.34E+08	4
494	4	13	4	13	8	9	1.34E+08	4
495	4	13	8,192	2	2	27	1.34E+08	2
496	4	13	8,192	2	512	3	1.34E+08	4
497	4	13	8,192	2	8	9	1.34E+08	4
498	448	3	6,656	2	2	27	1.34E+08	2
499	448	3	6,656	2	8	9	1.34E+08	8
500	2	24	8	9	12,288	2	1.51E+08	2
501	2	24	512	3	12,288	2	1.51E+08	2
502	2	27	2	24	12,288	2	1.51E+08	2
503	2	27	4	12	12,288	2	1.51E+08	2
504	2	27	8	8	12,288	2	1.51E+08	2
505	2	27	16	6	12,288	2	1.51E+08	2
506	2	27	64	4	12,288	2	1.51E+08	2
507	2	27	256	3	12,288	2	1.51E+08	2
508	4	12	8	9	12,288	2	1.51E+08	4
509	4	12	512	3	12,288	2	1.51E+08	4
510	8	8	512	3	12,288	2	1.51E+08	8
511	8	9	8	8	12,288	2	1.51E+08	8
512	8	9	16	6	12,288	2	1.51E+08	8
513	8	9	64	4	12,288	2	1.51E+08	8
514	8	9	256	3	12,288	2	1.51E+08	8
515	91	4	455	3	546	3	1.63E+08	91
516	275	3	12,250	2	15	7	1.71E+08	5
517	3	17	3	16	13,122	2	1.72E+08	3
518	3	17	9	8	13,122	2	1.72E+08	3
519	3	17	81	4	13,122	2	1.72E+08	3
520	15	7	15	6	13,500	2	1.82E+08	15
521	15	7	225	3	13,500	2	1.82E+08	15
522	3	17	7,290	2	567	3	1.82E+08	3
523	117	4	234	3	585	3	2.00E+08	117
524	24	6	4,032	2	120	4	2.07E+08	24
525	11	8	2,662	2	605	3	2.21E+08	11
526	10	8	500	3	15,000	2	2.25E+08	10
527	31	5	14,415	2	124	4	2.36E+08	31
528	124	4	124	3	620	3	2.38E+08	124
529	630	3	126	3	126	4	2.52E+08	126
530	48	5	48	4	16,128	2	2.60E+08	48
531	126	4	207	3	639	3	2.61E+08	9
532	2	27	2	27	16,384	2	2.68E+08	2
533	2	27	2	27	128	4	2.68E+08	2
534	2	27	2	27	2	28	2.68E+08	2
535	2	27	2	27	4	14	2.68E+08	2
536	2	27	2	27	16	7	2.68E+08	2
537	2	27	8	9	16,384	2	2.68E+08	2

FermatCatalan

538	2	27	8	9	128	4	2.68E+08	2
539	2	27	8	9	2	28	2.68E+08	2
540	2	27	8	9	4	14	2.68E+08	2
541	2	27	8	9	16	7	2.68E+08	2
542	2	27	512	3	16,384	2	2.68E+08	2
543	2	27	512	3	128	4	2.68E+08	2
544	2	27	512	3	2	28	2.68E+08	2
545	2	27	512	3	4	14	2.68E+08	2
546	2	27	512	3	16	7	2.68E+08	2
547	8	9	8	9	16,384	2	2.68E+08	8
548	8	9	8	9	128	4	2.68E+08	8
549	8	9	8	9	2	28	2.68E+08	2
550	8	9	8	9	4	14	2.68E+08	4
551	8	9	8	9	16	7	2.68E+08	8
552	8	9	512	3	16,384	2	2.68E+08	8
553	8	9	512	3	128	4	2.68E+08	8
554	8	9	512	3	2	28	2.68E+08	2
555	8	9	512	3	4	14	2.68E+08	4
556	8	9	512	3	16	7	2.68E+08	8
557	512	3	512	3	128	4	2.68E+08	128
558	512	3	512	3	2	28	2.68E+08	2
559	512	3	512	3	4	14	2.68E+08	4
560	512	3	512	3	16	7	2.68E+08	16
561	108	4	108	4	648	3	2.72E+08	108
562	15	7	105	4	17,100	2	2.92E+08	15
563	40	5	120	4	17,600	2	3.10E+08	40
564	50	4	17,500	2	50	5	3.13E+08	50
565	665	3	266	3	133	4	3.13E+08	133
566	603	3	469	3	134	4	3.22E+08	67
567	7	9	49	5	686	3	3.23E+08	7
568	7	9	16,807	2	686	3	3.23E+08	7
569	7	10	7	9	686	3	3.23E+08	7
570	7	10	343	3	686	3	3.23E+08	7
571	49	5	343	3	686	3	3.23E+08	49
572	45	5	12,150	2	135	4	3.32E+08	45
573	48	5	96	4	18,432	2	3.40E+08	48
574	33	5	132	4	18,513	2	3.43E+08	33
575	188	3	18,872	2	6	11	3.63E+08	2
576	104	4	16,224	2	52	5	3.80E+08	52
577	2	15	736	3	19,968	2	3.99E+08	2
578	17	6	19,652	2	17	7	4.10E+08	17
579	289	3	19,652	2	17	7	4.10E+08	17
580	578	3	14,739	2	17	7	4.10E+08	17
581	2	25	20,480	2	768	3	4.53E+08	2
582	18	5	21,384	2	54	5	4.59E+08	18
583	760	3	456	3	152	4	5.34E+08	152
584	2	28	2	28	2	29	5.37E+08	2
585	2	28	4	14	2	29	5.37E+08	2
586	2	28	16	7	2	29	5.37E+08	2

FermatCatalan

587	2	28	128	4	2	29	5.37E+08	2
588	2	28	16,384	2	2	29	5.37E+08	2
589	4	14	4	14	2	29	5.37E+08	2
590	4	14	16	7	2	29	5.37E+08	2
591	4	14	128	4	2	29	5.37E+08	2
592	4	14	16,384	2	2	29	5.37E+08	2
593	16	7	16	7	2	29	5.37E+08	2
594	16	7	128	4	2	29	5.37E+08	2
595	16	7	16,384	2	2	29	5.37E+08	2
596	128	4	128	4	2	29	5.37E+08	2
597	128	4	16,384	2	2	29	5.37E+08	2
598	17	7	578	3	24,565	2	6.03E+08	17
599	2	29	2	26	24,576	2	6.04E+08	2
600	2	29	4	13	24,576	2	6.04E+08	2
601	50	5	50	5	25,000	2	6.25E+08	50
602	7	10	735	3	26,068	2	6.80E+08	7
603	18	7	8,748	2	162	4	6.89E+08	18
604	127	4	762	3	889	3	7.03E+08	127
605	161	4	368	3	897	3	7.22E+08	23
606	15	7	23,625	2	900	3	7.29E+08	15
607	15	7	23,625	2	30	6	7.29E+08	15
608	30	5	26,775	2	165	4	7.41E+08	15
609	152	4	608	3	912	3	7.59E+08	152
610	60	5	30	4	27,900	2	7.78E+08	30
611	56	5	15,680	2	168	4	7.97E+08	56
612	15	7	25,775	2	170	4	8.35E+08	5
613	6	8	945	3	29,079	2	8.46E+08	3
614	31	5	961	3	62	5	9.16E+08	31
615	31	5	29,791	2	62	5	9.16E+08	31
616	31	6	31	5	62	5	9.16E+08	31
617	18	7	17,496	2	972	3	9.18E+08	18
618	54	5	54	5	972	3	9.18E+08	54
619	56	5	140	4	30,576	2	9.35E+08	28
620	30	6	120	4	30,600	2	9.36E+08	30
621	13	8	507	3	30,758	2	9.46E+08	13
622	10	8	30,000	2	1,000	3	1.00E+09	10
623	10	8	30,000	2	10	9	1.00E+09	10
624	100	4	30,000	2	10	9	1.00E+09	10
625	600	3	28,000	2	10	9	1.00E+09	10
626	63	5	63	4	31,752	2	1.01E+09	63
627	2	29	2	29	64	5	1.07E+09	2
628	2	29	2	29	2	30	1.07E+09	2
629	2	29	2	29	32	6	1.07E+09	2
630	2	29	2	29	4	15	1.07E+09	2
631	2	29	2	29	8	10	1.07E+09	2
632	2	29	2	29	32,768	2	1.07E+09	2
633	2	29	2	29	1,024	3	1.07E+09	2
634	3	18	162	4	32,805	2	1.08E+09	3
635	9	9	162	4	32,805	2	1.08E+09	9

FermatCatalan

636	27	6	162	4	32,805	2	1.08E+09	27
637	1,001	3	455	3	182	4	1.10E+09	91
638	854	3	793	3	183	4	1.12E+09	61
639	7	9	1,029	3	33,614	2	1.13E+09	7
640	65	4	33,800	2	65	5	1.16E+09	65
641	130	4	29,575	2	65	5	1.16E+09	65
642	145	4	26,800	2	65	5	1.16E+09	5
643	182	4	7,943	2	65	5	1.16E+09	13
644	3	16	33,534	2	1,053	3	1.17E+09	3
645	9	8	33,534	2	1,053	3	1.17E+09	9
646	5	12	31,250	2	5	13	1.22E+09	5
647	25	6	31,250	2	5	13	1.22E+09	5
648	125	4	31,250	2	5	13	1.22E+09	5
649	625	3	31,250	2	5	13	1.22E+09	5
650	18	7	18	7	34,992	2	1.22E+09	18
651	19	7	722	3	1,083	3	1.27E+09	19
652	945	3	756	3	189	4	1.28E+09	189
653	80	4	35,200	2	20	7	1.28E+09	20
654	66	5	33	5	33	6	1.29E+09	33
655	66	5	33	5	1,089	3	1.29E+09	33
656	66	5	33	5	35,937	2	1.29E+09	33
657	2	25	1,088	3	36,352	2	1.32E+09	2
658	2	29	28,672	2	192	4	1.36E+09	2
659	6	11	180	4	37,584	2	1.41E+09	6
660	30	6	26,775	2	195	4	1.45E+09	15
661	65	5	130	4	195	4	1.45E+09	65
662	65	5	130	4	38,025	2	1.45E+09	65
663	65	5	16,900	2	195	4	1.45E+09	65
664	68	5	34	4	38,148	2	1.46E+09	34
665	189	4	567	3	1,134	3	1.46E+09	189
666	588	3	35,672	2	14	8	1.48E+09	14
667	136	4	34,680	2	34	6	1.54E+09	34
668	3	19	3	18	39,366	2	1.55E+09	3
669	3	19	9	9	39,366	2	1.55E+09	3
670	3	19	27	6	39,366	2	1.55E+09	3
671	3	19	729	3	39,366	2	1.55E+09	3
672	1,072	3	737	3	201	4	1.63E+09	67
673	6	9	40,824	2	1,188	3	1.68E+09	6
674	17	6	204	4	41,905	2	1.76E+09	17
675	208	4	416	3	1,248	3	1.94E+09	208
676	17	7	34	6	44,217	2	1.96E+09	17
677	17	7	1,156	3	44,217	2	1.96E+09	17
678	66	5	165	4	44,649	2	1.99E+09	33
679	2	26	45,056	2	1,280	3	2.10E+09	2
680	4	13	45,056	2	1,280	3	2.10E+09	4
681	215	4	215	3	1,290	3	2.15E+09	215
682	2	30	2	30	2	31	2.15E+09	2
683	2	30	4	15	2	31	2.15E+09	2
684	2	30	8	10	2	31	2.15E+09	2

FermatCatalan

685	2	30	32	6	2	31	2.15E+09	2
686	2	30	64	5	2	31	2.15E+09	2
687	2	30	1,024	3	2	31	2.15E+09	2
688	2	30	32,768	2	2	31	2.15E+09	2
689	4	15	4	15	2	31	2.15E+09	2
690	4	15	8	10	2	31	2.15E+09	2
691	4	15	32	6	2	31	2.15E+09	2
692	4	15	64	5	2	31	2.15E+09	2
693	4	15	1,024	3	2	31	2.15E+09	2
694	4	15	32,768	2	2	31	2.15E+09	2
695	8	10	8	10	2	31	2.15E+09	2
696	8	10	32	6	2	31	2.15E+09	2
697	8	10	64	5	2	31	2.15E+09	2
698	8	10	1,024	3	2	31	2.15E+09	2
699	8	10	32,768	2	2	31	2.15E+09	2
700	32	6	32	6	2	31	2.15E+09	2
701	32	6	64	5	2	31	2.15E+09	2
702	32	6	1,024	3	2	31	2.15E+09	2
703	32	6	32,768	2	2	31	2.15E+09	2
704	64	5	64	5	2	31	2.15E+09	2
705	64	5	1,024	3	2	31	2.15E+09	2
706	64	5	32,768	2	2	31	2.15E+09	2
707	1,024	3	1,024	3	2	31	2.15E+09	2
708	1,024	3	32,768	2	2	31	2.15E+09	2
709	72	5	15,552	2	36	6	2.18E+09	36
710	72	5	15,552	2	216	4	2.18E+09	72
711	72	5	15,552	2	6	12	2.18E+09	6
712	5	12	1,250	3	46,875	2	2.20E+09	5
713	1,302	3	217	3	217	4	2.22E+09	217
714	63	5	189	4	47,628	2	2.27E+09	63
715	1,241	3	730	3	219	4	2.30E+09	73
716	2	31	2	28	49,152	2	2.42E+09	2
717	2	31	4	14	49,152	2	2.42E+09	2
718	2	31	16	7	49,152	2	2.42E+09	2
719	2	31	128	4	49,152	2	2.42E+09	2
720	13	8	1,183	3	1,352	3	2.47E+09	13
721	169	4	1,183	3	1,352	3	2.47E+09	169
722	1,344	3	448	3	224	4	2.52E+09	224
723	500	3	49,375	2	15	8	2.56E+09	5
724	1,125	3	33,750	2	15	8	2.56E+09	15
725	1,350	3	10,125	2	15	8	2.56E+09	15
726	7	9	50,421	2	1,372	3	2.58E+09	7
727	77	5	11,858	2	231	4	2.85E+09	77
728	15	8	891	3	57,186	2	3.27E+09	3
729	11	8	1,452	3	57,233	2	3.28E+09	11
730	160	4	51,200	2	80	5	3.28E+09	80
731	15	8	30	6	57,375	2	3.29E+09	15
732	15	8	900	3	57,375	2	3.29E+09	15
733	30	6	225	4	57,375	2	3.29E+09	15

FermatCatalan

734	60	5	50,400	2	240	4	3.32E+09	60
735	80	5	80	4	57,600	2	3.32E+09	80
736	80	5	80	4	240	4	3.32E+09	80
737	80	5	6,400	2	240	4	3.32E+09	80
738	3	18	1,458	3	81	5	3.49E+09	3
739	3	18	1,458	3	59,049	2	3.49E+09	3
740	3	18	1,458	3	243	4	3.49E+09	3
741	3	18	1,458	3	9	10	3.49E+09	3
742	3	18	1,458	3	3	20	3.49E+09	3
743	9	9	1,458	3	81	5	3.49E+09	9
744	9	9	1,458	3	59,049	2	3.49E+09	9
745	9	9	1,458	3	243	4	3.49E+09	9
746	9	9	1,458	3	9	10	3.49E+09	9
747	9	9	1,458	3	3	20	3.49E+09	3
748	27	6	1,458	3	81	5	3.49E+09	27
749	27	6	1,458	3	243	4	3.49E+09	27
750	27	6	1,458	3	9	10	3.49E+09	9
751	27	6	1,458	3	3	20	3.49E+09	3
752	1,458	3	729	3	81	5	3.49E+09	81
753	1,458	3	729	3	243	4	3.49E+09	243
754	1,458	3	729	3	9	10	3.49E+09	9
755	1,458	3	729	3	3	20	3.49E+09	3
756	1,458	3	19,683	2	9	10	3.49E+09	9
757	1,458	3	19,683	2	3	20	3.49E+09	3
758	234	4	22,815	2	39	6	3.52E+09	39
759	218	4	1,090	3	1,526	3	3.55E+09	218
760	7	10	57,624	2	245	4	3.60E+09	7
761	49	5	57,624	2	245	4	3.60E+09	49
762	82	4	60,516	2	82	5	3.71E+09	82
763	246	4	82	4	82	5	3.71E+09	82
764	246	4	6,724	2	82	5	3.71E+09	82
765	7	7	62,083	2	1,568	3	3.86E+09	7
766	72	5	72	5	62,208	2	3.87E+09	72
767	1,250	3	1,250	3	250	4	3.91E+09	250
768	23	7	24,334	2	1,587	3	4.00E+09	23
769	2	31	2	31	4	16	4.29E+09	2
770	2	31	2	31	2	32	4.29E+09	2
771	2	31	2	31	16	8	4.29E+09	2
772	2	31	2	31	65,536	2	4.29E+09	2
773	2	31	2	31	256	4	4.29E+09	2
774	40	6	120	4	65,600	2	4.30E+09	40
775	255	4	14,450	2	85	5	4.44E+09	85
776	51	5	255	4	67,626	2	4.57E+09	51
777	1,152	3	55,296	2	24	7	4.59E+09	24
778	1,472	3	37,376	2	24	7	4.59E+09	8
779	123	4	67,240	2	41	6	4.75E+09	41
780	24	7	24	6	69,120	2	4.78E+09	24
781	24	7	576	3	69,120	2	4.78E+09	24
782	24	7	640	3	69,632	2	4.85E+09	8

FermatCatalan

783	84	5	168	4	70,560	2	4.98E+09	84
784	15	8	1,350	3	70,875	2	5.02E+09	15
785	42	5	73,647	2	273	4	5.55E+09	21
786	1,729	3	728	3	273	4	5.55E+09	91
787	22	7	1,452	3	74,536	2	5.56E+09	22
788	54	4	76,788	2	90	5	5.90E+09	18
789	270	4	24,300	2	90	5	5.90E+09	90
790	42	6	147	4	77,175	2	5.96E+09	21
791	21	7	64,484	2	1,813	3	5.96E+09	7
792	1,807	3	417	3	278	4	5.97E+09	139
793	11	7	77,198	2	1,815	3	5.98E+09	11
794	250	4	46,875	2	25	7	6.10E+09	25
795	250	4	46,875	2	5	14	6.10E+09	5
796	28	6	75,264	2	280	4	6.15E+09	28
797	1,680	3	1,120	3	280	4	6.15E+09	280
798	90	5	135	4	78,975	2	6.24E+09	45
799	12	7	1,872	3	81,216	2	6.60E+09	12
800	5	10	1,875	3	81,250	2	6.60E+09	5
801	19	7	1,805	3	82,308	2	6.77E+09	19
802	82	5	55,473	2	287	4	6.78E+09	41
803	12	9	41,472	2	288	4	6.88E+09	12
804	68	5	272	4	83,232	2	6.93E+09	68
805	34	6	73,695	2	289	4	6.98E+09	17
806	34	6	73,695	2	17	8	6.98E+09	17
807	1,156	3	73,695	2	17	8	6.98E+09	17
808	217	4	1,736	3	1,953	3	7.45E+09	217
809	279	4	1,116	3	1,953	3	7.45E+09	279
810	3	17	297	4	88,938	2	7.91E+09	3
811	28	6	294	4	89,180	2	7.95E+09	14
812	26	6	87,880	2	26	7	8.03E+09	26
813	676	3	87,880	2	26	7	8.03E+09	26
814	10	8	2,000	3	90,000	2	8.10E+09	10
815	10	8	2,000	3	300	4	8.10E+09	10
816	100	4	2,000	3	300	4	8.10E+09	100
817	2	25	90,112	2	96	5	8.15E+09	2
818	32	5	90,112	2	96	5	8.15E+09	32
819	270	4	54,675	2	45	6	8.30E+09	45
820	26	7	26	6	2,028	3	8.34E+09	26
821	26	7	676	3	2,028	3	8.34E+09	26
822	26	7	17,576	2	2,028	3	8.34E+09	26
823	194	4	84,681	2	97	5	8.59E+09	97
824	291	4	194	4	97	5	8.59E+09	97
825	291	4	37,636	2	97	5	8.59E+09	97
826	2	32	2	32	8	11	8.59E+09	2
827	2	32	2	32	2,048	3	8.59E+09	2
828	2	32	2	32	2	33	8.59E+09	2
829	2	32	4	16	8	11	8.59E+09	2
830	2	32	4	16	2,048	3	8.59E+09	2
831	2	32	4	16	2	33	8.59E+09	2

FermatCatalan

832	2	32	16	8	8	11	8.59E+09	2
833	2	32	16	8	2,048	3	8.59E+09	2
834	2	32	16	8	2	33	8.59E+09	2
835	2	32	256	4	8	11	8.59E+09	2
836	2	32	256	4	2,048	3	8.59E+09	2
837	2	32	256	4	2	33	8.59E+09	2
838	2	32	65,536	2	8	11	8.59E+09	2
839	2	32	65,536	2	2,048	3	8.59E+09	2
840	2	32	65,536	2	2	33	8.59E+09	2
841	4	16	4	16	8	11	8.59E+09	4
842	4	16	4	16	2,048	3	8.59E+09	4
843	4	16	4	16	2	33	8.59E+09	2
844	4	16	16	8	8	11	8.59E+09	4
845	4	16	16	8	2,048	3	8.59E+09	4
846	4	16	16	8	2	33	8.59E+09	2
847	4	16	256	4	8	11	8.59E+09	4
848	4	16	256	4	2,048	3	8.59E+09	4
849	4	16	256	4	2	33	8.59E+09	2
850	4	16	65,536	2	8	11	8.59E+09	4
851	4	16	65,536	2	2,048	3	8.59E+09	4
852	4	16	65,536	2	2	33	8.59E+09	2
853	16	8	16	8	8	11	8.59E+09	8
854	16	8	16	8	2,048	3	8.59E+09	16
855	16	8	16	8	2	33	8.59E+09	2
856	16	8	256	4	8	11	8.59E+09	8
857	16	8	256	4	2,048	3	8.59E+09	16
858	16	8	256	4	2	33	8.59E+09	2
859	16	8	65,536	2	8	11	8.59E+09	8
860	16	8	65,536	2	2,048	3	8.59E+09	16
861	16	8	65,536	2	2	33	8.59E+09	2
862	256	4	256	4	8	11	8.59E+09	8
863	256	4	256	4	2,048	3	8.59E+09	256
864	256	4	256	4	2	33	8.59E+09	2
865	256	4	65,536	2	8	11	8.59E+09	8
866	256	4	65,536	2	2	33	8.59E+09	2
867	1,792	3	53,248	2	8	11	8.59E+09	8
868	1,792	3	53,248	2	2	33	8.59E+09	2
869	7	11	84,035	2	98	5	9.04E+09	7
870	2,058	3	686	3	98	5	9.04E+09	98
871	2,060	3	721	3	309	4	9.12E+09	103
872	99	5	99	4	98,010	2	9.61E+09	99
873	2	30	8	11	98,304	2	9.66E+09	2
874	2	30	2,048	3	98,304	2	9.66E+09	2
875	2	33	2	30	98,304	2	9.66E+09	2
876	2	33	4	15	98,304	2	9.66E+09	2
877	2	33	8	10	98,304	2	9.66E+09	2
878	2	33	32	6	98,304	2	9.66E+09	2
879	2	33	64	5	98,304	2	9.66E+09	2
880	2	33	1,024	3	98,304	2	9.66E+09	2

FermatCatalan

881	4	15	8	11	98,304	2	9.66E+09	4
882	4	15	2,048	3	98,304	2	9.66E+09	4
883	8	10	2,048	3	98,304	2	9.66E+09	8
884	8	11	8	10	98,304	2	9.66E+09	8
885	8	11	32	6	98,304	2	9.66E+09	8
886	8	11	64	5	98,304	2	9.66E+09	8
887	8	11	1,024	3	98,304	2	9.66E+09	8
888	90	5	62,775	2	315	4	9.85E+09	45
889	88	5	264	4	100,672	2	1.01E+10	88
890	10	10	150	4	102,500	2	1.05E+10	10
891	100	5	150	4	102,500	2	1.05E+10	50
892	101	4	102,010	2	101	5	1.05E+10	101
893	316	4	948	3	2,212	3	1.08E+10	316
894	18	7	2,268	3	110,808	2	1.23E+10	18
895	17	7	2,312	3	112,999	2	1.28E+10	17
896	335	4	670	3	2,345	3	1.29E+10	335
897	296	4	1,776	3	2,368	3	1.33E+10	296
898	318	4	56,180	2	106	5	1.34E+10	106
899	28	6	2,352	3	28	7	1.35E+10	28
900	2,352	3	784	3	28	7	1.35E+10	28
901	2,352	3	21,952	2	28	7	1.35E+10	28
902	2,046	3	1,705	3	341	4	1.35E+10	341
903	342	4	342	3	2,394	3	1.37E+10	342
904	20	7	112,000	2	2,400	3	1.38E+10	20
905	10	8	2,400	3	118,000	2	1.39E+10	10
906	3	20	27	7	118,098	2	1.39E+10	3
907	3	20	2,187	3	118,098	2	1.39E+10	3
908	3	21	3	20	118,098	2	1.39E+10	3
909	3	21	9	10	118,098	2	1.39E+10	3
910	3	21	81	5	118,098	2	1.39E+10	3
911	3	21	243	4	118,098	2	1.39E+10	3
912	9	10	27	7	118,098	2	1.39E+10	9
913	9	10	2,187	3	118,098	2	1.39E+10	9
914	27	7	81	5	118,098	2	1.39E+10	27
915	27	7	243	4	118,098	2	1.39E+10	27
916	15	8	2,250	3	118,125	2	1.40E+10	15
917	2,408	3	344	3	344	4	1.40E+10	344
918	87	5	98,397	2	348	4	1.47E+10	87
919	1,944	3	1,944	3	108	5	1.47E+10	108
920	105	5	210	4	121,275	2	1.47E+10	105
921	273	4	2,119	3	2,470	3	1.51E+10	13
922	2,457	3	702	3	351	4	1.52E+10	351
923	48	5	352	4	124,928	2	1.56E+10	16
924	10	10	75,000	2	2,500	3	1.56E+10	10
925	10	10	75,000	2	50	6	1.56E+10	10
926	100	5	75,000	2	50	6	1.56E+10	50
927	19	7	123,462	2	2,527	3	1.61E+10	19
928	2	33	2	33	4	17	1.72E+10	2
929	2	33	2	33	2	34	1.72E+10	2

FermatCatalan

930	2	33	2	33	131,072	2	1.72E+10	2
931	2	33	8	11	4	17	1.72E+10	2
932	2	33	8	11	2	34	1.72E+10	2
933	2	33	8	11	131,072	2	1.72E+10	2
934	2	33	2,048	3	4	17	1.72E+10	2
935	2	33	2,048	3	2	34	1.72E+10	2
936	2	33	2,048	3	131,072	2	1.72E+10	2
937	8	11	8	11	4	17	1.72E+10	4
938	8	11	8	11	2	34	1.72E+10	2
939	8	11	8	11	131,072	2	1.72E+10	8
940	8	11	2,048	3	4	17	1.72E+10	4
941	8	11	2,048	3	2	34	1.72E+10	2
942	8	11	2,048	3	131,072	2	1.72E+10	8
943	2,048	3	2,048	3	4	17	1.72E+10	4
944	2,048	3	2,048	3	2	34	1.72E+10	2
945	28	7	1,568	3	131,712	2	1.73E+10	28
946	6	10	2,592	3	132,192	2	1.75E+10	6
947	98	5	98	5	134,456	2	1.81E+10	98
948	2,590	3	1,110	3	370	4	1.87E+10	370
949	48	6	288	4	138,240	2	1.91E+10	48
950	182	4	2,626	3	2,678	3	1.92E+10	26
951	6	12	2,592	3	139,968	2	1.96E+10	6
952	271	4	2,439	3	2,710	3	1.99E+10	271
953	1,372	3	134,456	2	14	9	2.07E+10	14
954	14	9	98	4	144,060	2	2.08E+10	14
955	232	4	134,560	2	116	5	2.10E+10	116
956	2	33	114,688	2	384	4	2.17E+10	2
957	8	11	114,688	2	384	4	2.17E+10	8
958	351	4	82,134	2	117	5	2.19E+10	117
959	7	12	98	5	151,263	2	2.29E+10	7
960	49	6	98	5	151,263	2	2.29E+10	49
961	98	5	343	4	151,263	2	2.29E+10	49
962	13	7	153,790	2	2,873	3	2.37E+10	13
963	26	7	125,229	2	2,873	3	2.37E+10	13
964	120	5	120	4	158,400	2	2.51E+10	120
965	2,926	3	665	3	399	4	2.53E+10	133
966	2	21	2,944	3	159,744	2	2.55E+10	2
967	8	7	2,944	3	159,744	2	2.55E+10	8
968	63	5	399	4	162,288	2	2.63E+10	21
969	54	6	45,927	2	405	4	2.69E+10	27
970	122	4	163,724	2	122	5	2.70E+10	122
971	2,849	3	1,628	3	407	4	2.74E+10	407
972	2,883	3	59,582	2	31	7	2.75E+10	31
973	242	4	155,727	2	55	6	2.77E+10	11
974	2	31	163,840	2	3,072	3	2.90E+10	2
975	387	4	1,935	3	3,096	3	2.97E+10	387
976	30	7	89,000	2	3,100	3	2.98E+10	10
977	5	14	156,250	2	5	15	3.05E+10	5
978	5	14	156,250	2	3,125	3	3.05E+10	5

FermatCatalan

979	5	14	156,250	2	125	5	3.05E+10	5
980	25	7	156,250	2	5	15	3.05E+10	5
981	25	7	156,250	2	3,125	3	3.05E+10	25
982	25	7	156,250	2	125	5	3.05E+10	25
983	28	7	131,712	2	56	6	3.08E+10	28
984	28	7	131,712	2	3,136	3	3.08E+10	28
985	56	5	174,832	2	420	4	3.11E+10	28
986	3,165	3	211	3	422	4	3.17E+10	211
987	7	8	179,732	2	3,185	3	3.23E+10	7
988	71	5	176,435	2	426	4	3.29E+10	71
989	48	6	384	4	184,320	2	3.40E+10	48
990	18	8	151,632	2	3,240	3	3.40E+10	18
991	3	14	3,240	3	184,437	2	3.40E+10	3
992	9	7	3,240	3	184,437	2	3.40E+10	9
993	115	5	345	4	185,150	2	3.43E+10	115
994	2	34	2	34	2	35	3.44E+10	2
995	2	34	2	34	128	5	3.44E+10	2
996	2	34	2	34	32	7	3.44E+10	2
997	2	34	4	17	2	35	3.44E+10	2
998	2	34	4	17	128	5	3.44E+10	2
999	2	34	4	17	32	7	3.44E+10	2
1,000	2	34	131,072	2	2	35	3.44E+10	2
1,001	2	34	131,072	2	128	5	3.44E+10	2
1,002	2	34	131,072	2	32	7	3.44E+10	2
1,003	4	17	4	17	2	35	3.44E+10	2
1,004	4	17	4	17	128	5	3.44E+10	4
1,005	4	17	4	17	32	7	3.44E+10	4
1,006	4	17	131,072	2	2	35	3.44E+10	2
1,007	4	17	131,072	2	128	5	3.44E+10	4
1,008	4	17	131,072	2	32	7	3.44E+10	4
1,009	2,592	3	2,592	3	432	4	3.48E+10	432
1,010	104	5	2,912	3	3,328	3	3.69E+10	104
1,011	390	4	118,300	2	130	5	3.71E+10	130
1,012	2,646	3	138,915	2	21	8	3.78E+10	21
1,013	2	32	32	7	196,608	2	3.87E+10	2
1,014	2	32	128	5	196,608	2	3.87E+10	2
1,015	2	35	2	32	196,608	2	3.87E+10	2
1,016	2	35	4	16	196,608	2	3.87E+10	2
1,017	2	35	16	8	196,608	2	3.87E+10	2
1,018	2	35	256	4	196,608	2	3.87E+10	2
1,019	4	16	32	7	196,608	2	3.87E+10	4
1,020	4	16	128	5	196,608	2	3.87E+10	4
1,021	16	8	32	7	196,608	2	3.87E+10	16
1,022	16	8	128	5	196,608	2	3.87E+10	16
1,023	32	7	256	4	196,608	2	3.87E+10	32
1,024	128	5	256	4	196,608	2	3.87E+10	128
1,025	73	5	438	4	197,173	2	3.89E+10	73
1,026	10	8	198,000	2	3,400	3	3.93E+10	10
1,027	112	5	150,528	2	448	4	4.03E+10	112

FermatCatalan

1,028	15	8	3,375	3	450	4	4.10E+10	15
1,029	15	8	3,375	3	202,500	2	4.10E+10	15
1,030	15	9	15	8	450	4	4.10E+10	15
1,031	15	9	15	8	202,500	2	4.10E+10	15
1,032	15	9	225	4	450	4	4.10E+10	15
1,033	15	9	225	4	202,500	2	4.10E+10	15
1,034	15	9	50,625	2	450	4	4.10E+10	15
1,035	225	4	3,375	3	450	4	4.10E+10	225
1,036	386	4	2,702	3	3,474	3	4.19E+10	386
1,037	3,473	3	604	3	453	4	4.21E+10	151
1,038	2,178	3	179,685	2	33	7	4.26E+10	33
1,039	105	5	420	4	209,475	2	4.39E+10	105
1,040	18	7	209,223	2	459	4	4.44E+10	9
1,041	114	5	399	4	211,185	2	4.46E+10	57
1,042	132	5	88	5	212,960	2	4.54E+10	44
1,043	132	5	74,052	2	462	4	4.56E+10	66
1,044	448	4	1,792	3	3,584	3	4.60E+10	448
1,045	360	4	172,800	2	60	6	4.67E+10	60
1,046	3,276	3	2,340	3	468	4	4.80E+10	468
1,047	274	4	206,459	2	137	5	4.83E+10	137
1,048	331	4	3,310	3	3,641	3	4.83E+10	331
1,049	138	5	69	4	223,767	2	5.01E+10	69
1,050	24	7	60	6	226,368	2	5.12E+10	12
1,051	24	7	3,600	3	226,368	2	5.12E+10	24
1,052	136	5	69,360	2	476	4	5.13E+10	68
1,053	14	9	3,185	3	230,153	2	5.30E+10	7
1,054	96	5	211,968	2	480	4	5.31E+10	96
1,055	60	6	300	4	234,000	2	5.48E+10	60
1,056	485	4	1,455	3	3,880	3	5.84E+10	485
1,057	143	5	143	4	245,388	2	6.02E+10	143
1,058	3,905	3	1,136	3	497	4	6.10E+10	71
1,059	145	4	252,300	2	145	5	6.41E+10	145
1,060	435	4	168,200	2	145	5	6.41E+10	145
1,061	3,675	3	2,450	3	35	7	6.43E+10	35
1,062	12	9	243,648	2	504	4	6.45E+10	12
1,063	504	4	1,008	3	4,032	3	6.55E+10	504
1,064	35	7	35	6	257,250	2	6.62E+10	35
1,065	35	7	1,225	3	257,250	2	6.62E+10	35
1,066	63	6	252	4	257,985	2	6.66E+10	63
1,067	21	8	3,087	3	259,308	2	6.72E+10	21
1,068	60	6	144,900	2	510	4	6.77E+10	30
1,069	511	4	511	3	4,088	3	6.83E+10	511
1,070	2	35	2	35	4,096	3	6.87E+10	2
1,071	2	35	2	35	8	12	6.87E+10	2
1,072	2	35	2	35	2	36	6.87E+10	2
1,073	2	35	2	35	4	18	6.87E+10	2
1,074	2	35	2	35	16	9	6.87E+10	2
1,075	2	35	2	35	262,144	2	6.87E+10	2
1,076	2	35	2	35	64	6	6.87E+10	2

FermatCatalan

1,077	2	35	2	35	512	4	6.87E+10	2
1,078	2	35	32	7	4,096	3	6.87E+10	2
1,079	2	35	32	7	8	12	6.87E+10	2
1,080	2	35	32	7	2	36	6.87E+10	2
1,081	2	35	32	7	4	18	6.87E+10	2
1,082	2	35	32	7	16	9	6.87E+10	2
1,083	2	35	32	7	262,144	2	6.87E+10	2
1,084	2	35	32	7	64	6	6.87E+10	2
1,085	2	35	32	7	512	4	6.87E+10	2
1,086	2	35	128	5	4,096	3	6.87E+10	2
1,087	2	35	128	5	8	12	6.87E+10	2
1,088	2	35	128	5	2	36	6.87E+10	2
1,089	2	35	128	5	4	18	6.87E+10	2
1,090	2	35	128	5	16	9	6.87E+10	2
1,091	2	35	128	5	262,144	2	6.87E+10	2
1,092	2	35	128	5	64	6	6.87E+10	2
1,093	2	35	128	5	512	4	6.87E+10	2
1,094	32	7	32	7	4,096	3	6.87E+10	32
1,095	32	7	32	7	8	12	6.87E+10	8
1,096	32	7	32	7	2	36	6.87E+10	2
1,097	32	7	32	7	4	18	6.87E+10	4
1,098	32	7	32	7	16	9	6.87E+10	16
1,099	32	7	32	7	262,144	2	6.87E+10	32
1,100	32	7	32	7	64	6	6.87E+10	32
1,101	32	7	32	7	512	4	6.87E+10	32
1,102	32	7	128	5	4,096	3	6.87E+10	32
1,103	32	7	128	5	8	12	6.87E+10	8
1,104	32	7	128	5	2	36	6.87E+10	2
1,105	32	7	128	5	4	18	6.87E+10	4
1,106	32	7	128	5	16	9	6.87E+10	16
1,107	32	7	128	5	262,144	2	6.87E+10	32
1,108	32	7	128	5	64	6	6.87E+10	32
1,109	32	7	128	5	512	4	6.87E+10	32
1,110	128	5	128	5	4,096	3	6.87E+10	128
1,111	128	5	128	5	8	12	6.87E+10	8
1,112	128	5	128	5	2	36	6.87E+10	2
1,113	128	5	128	5	4	18	6.87E+10	4
1,114	128	5	128	5	16	9	6.87E+10	16
1,115	128	5	128	5	262,144	2	6.87E+10	128
1,116	128	5	128	5	64	6	6.87E+10	64
1,117	128	5	128	5	512	4	6.87E+10	128
1,118	4,104	3	513	3	513	4	6.93E+10	513
1,119	147	5	1,029	3	4,116	3	6.97E+10	147
1,120	129	5	430	4	264,407	2	6.99E+10	43
1,121	42	6	504	4	264,600	2	7.00E+10	42
1,122	4,160	3	1,040	3	520	4	7.31E+10	520
1,123	260	4	266,175	2	65	6	7.54E+10	65
1,124	325	4	253,500	2	65	6	7.54E+10	65
1,125	507	4	96,668	2	65	6	7.54E+10	13

FermatCatalan

1,126	50	5	275,000	2	150	5	7.59E+10	50
1,127	150	5	75	4	275,625	2	7.60E+10	75
1,128	150	5	75	4	525	4	7.60E+10	75
1,129	150	5	5,625	2	525	4	7.60E+10	75
1,130	124	5	465	4	275,807	2	7.61E+10	31
1,131	3,888	3	139,968	2	36	7	7.84E+10	36
1,132	3,888	3	139,968	2	6	14	7.84E+10	6
1,133	4,312	3	1,617	3	539	4	8.44E+10	539
1,134	2	31	4,352	3	290,816	2	8.46E+10	2
1,135	6	13	268,272	2	540	4	8.50E+10	6
1,136	6	14	81,648	2	540	4	8.50E+10	6
1,137	36	7	81,648	2	540	4	8.50E+10	36
1,138	135	5	200,475	2	540	4	8.50E+10	135
1,139	104	5	520	4	292,032	2	8.53E+10	104
1,140	3	20	4,374	3	295,245	2	8.72E+10	3
1,141	3	22	486	4	295,245	2	8.72E+10	3
1,142	9	10	4,374	3	295,245	2	8.72E+10	9
1,143	9	11	486	4	295,245	2	8.72E+10	9
1,144	11	9	4,477	3	303,468	2	9.21E+10	11
1,145	153	5	306	4	304,317	2	9.26E+10	153
1,146	3	21	4,374	3	3	23	9.41E+10	3
1,147	27	7	4,374	3	3	23	9.41E+10	3
1,148	4,374	3	2,187	3	3	23	9.41E+10	3
1,149	37	6	303,918	2	37	7	9.49E+10	37
1,150	1,369	3	303,918	2	37	7	9.49E+10	37
1,151	150	5	375	4	309,375	2	9.57E+10	75
1,152	12	10	432	4	311,040	2	9.67E+10	12
1,153	144	5	432	4	311,040	2	9.67E+10	144
1,154	147	5	168,070	2	7	13	9.69E+10	7
1,155	3,913	3	3,354	3	559	4	9.76E+10	559
1,156	18	7	312,741	2	4,617	3	9.84E+10	9
1,157	513	4	3,078	3	4,617	3	9.84E+10	513
1,158	10	8	314,375	2	4,625	3	9.89E+10	5
1,159	132	5	242,847	2	561	4	9.90E+10	33
1,160	10	10	300,000	2	10	11	1.00E+11	10
1,161	100	5	300,000	2	10	11	1.00E+11	10
1,162	320	4	307,200	2	160	5	1.05E+11	160
1,163	14	9	539	4	324,135	2	1.05E+11	7
1,164	397	4	4,367	3	4,764	3	1.08E+11	397
1,165	48	6	4,608	3	24	8	1.10E+11	24
1,166	48	6	4,608	3	576	4	1.10E+11	48
1,167	2,160	3	316,224	2	24	8	1.10E+11	24
1,168	4,608	3	2,304	3	24	8	1.10E+11	24
1,169	4,608	3	2,304	3	576	4	1.10E+11	576
1,170	4,608	3	110,592	2	24	8	1.10E+11	24
1,171	69	6	230	4	332,741	2	1.11E+11	23
1,172	7	13	7	12	4,802	3	1.11E+11	7
1,173	7	13	49	6	4,802	3	1.11E+11	7
1,174	7	13	343	4	4,802	3	1.11E+11	7

FermatCatalan

1,175	7	13	2,401	3	4,802	3	1.11E+11	7
1,176	7	13	117,649	2	4,802	3	1.11E+11	7
1,177	486	4	486	4	162	5	1.12E+11	162
1,178	486	4	236,196	2	162	5	1.12E+11	162
1,179	3	18	162	5	334,611	2	1.12E+11	3
1,180	9	9	162	5	334,611	2	1.12E+11	9
1,181	27	6	162	5	334,611	2	1.12E+11	27
1,182	4,825	3	386	3	579	4	1.12E+11	193
1,183	488	4	3,904	3	4,880	3	1.16E+11	488
1,184	17	8	578	4	4,913	3	1.19E+11	17
1,185	17	8	578	4	17	9	1.19E+11	17
1,186	17	8	334,084	2	4,913	3	1.19E+11	17
1,187	17	8	334,084	2	17	9	1.19E+11	17
1,188	289	4	334,084	2	17	9	1.19E+11	17
1,189	578	4	289	4	4,913	3	1.19E+11	289
1,190	578	4	289	4	17	9	1.19E+11	17
1,191	578	4	83,521	2	17	9	1.19E+11	17
1,192	164	5	41	5	344,605	2	1.19E+11	41
1,193	7	12	4,802	3	352,947	2	1.25E+11	7
1,194	500	4	500	4	5,000	3	1.25E+11	500
1,195	3	23	3	22	354,294	2	1.26E+11	3
1,196	3	23	9	11	354,294	2	1.26E+11	3
1,197	60	6	288,000	2	600	4	1.30E+11	60
1,198	3	23	196,830	2	5,103	3	1.33E+11	3
1,199	4,368	3	3,696	3	168	5	1.34E+11	168
1,200	2	32	360,448	2	5,120	3	1.34E+11	2
1,201	4	16	360,448	2	5,120	3	1.34E+11	4
1,202	16	8	360,448	2	5,120	3	1.34E+11	16
1,203	168	5	168	4	366,912	2	1.35E+11	168
1,204	2	36	2	36	2	37	1.37E+11	2
1,205	2	36	4	18	2	37	1.37E+11	2
1,206	2	36	8	12	2	37	1.37E+11	2
1,207	2	36	16	9	2	37	1.37E+11	2
1,208	2	36	64	6	2	37	1.37E+11	2
1,209	2	36	512	4	2	37	1.37E+11	2
1,210	2	36	4,096	3	2	37	1.37E+11	2
1,211	2	36	262,144	2	2	37	1.37E+11	2
1,212	4	18	4	18	2	37	1.37E+11	2
1,213	4	18	8	12	2	37	1.37E+11	2
1,214	4	18	16	9	2	37	1.37E+11	2
1,215	4	18	64	6	2	37	1.37E+11	2
1,216	4	18	512	4	2	37	1.37E+11	2
1,217	4	18	4,096	3	2	37	1.37E+11	2
1,218	4	18	262,144	2	2	37	1.37E+11	2
1,219	8	12	8	12	2	37	1.37E+11	2
1,220	8	12	16	9	2	37	1.37E+11	2
1,221	8	12	64	6	2	37	1.37E+11	2
1,222	8	12	512	4	2	37	1.37E+11	2
1,223	8	12	4,096	3	2	37	1.37E+11	2

FermatCatalan

1,224	8	12	262,144	2	2	37	1.37E+11	2
1,225	16	9	16	9	2	37	1.37E+11	2
1,226	16	9	64	6	2	37	1.37E+11	2
1,227	16	9	512	4	2	37	1.37E+11	2
1,228	16	9	4,096	3	2	37	1.37E+11	2
1,229	16	9	262,144	2	2	37	1.37E+11	2
1,230	64	6	64	6	2	37	1.37E+11	2
1,231	64	6	512	4	2	37	1.37E+11	2
1,232	64	6	4,096	3	2	37	1.37E+11	2
1,233	64	6	262,144	2	2	37	1.37E+11	2
1,234	512	4	512	4	2	37	1.37E+11	2
1,235	512	4	4,096	3	2	37	1.37E+11	2
1,236	512	4	262,144	2	2	37	1.37E+11	2
1,237	4,096	3	4,096	3	2	37	1.37E+11	2
1,238	4,096	3	262,144	2	2	37	1.37E+11	2
1,239	72	5	371,952	2	612	4	1.40E+11	36
1,240	170	4	375,700	2	170	5	1.42E+11	170
1,241	614	4	307	3	5,219	3	1.42E+11	307
1,242	164	5	410	4	383,268	2	1.47E+11	82
1,243	156	5	243,360	2	624	4	1.52E+11	156
1,244	2	37	2	34	393,216	2	1.55E+11	2
1,245	2	37	4	17	393,216	2	1.55E+11	2
1,246	90	4	5,400	3	630	4	1.58E+11	90
1,247	604	4	3,020	3	5,436	3	1.61E+11	604
1,248	480	4	332,800	2	40	7	1.64E+11	40
1,249	975	3	403,625	2	40	7	1.64E+11	5
1,250	37	7	4,107	3	405,224	2	1.64E+11	37
1,251	37	7	4,107	3	74	6	1.64E+11	37
1,252	37	7	4,107	3	5,476	3	1.64E+11	37
1,253	5,096	3	3,185	3	637	4	1.65E+11	637
1,254	68	6	510	4	408,068	2	1.67E+11	34
1,255	10	11	4,100	3	411,000	2	1.69E+11	10
1,256	12	10	24	8	414,720	2	1.72E+11	12
1,257	12	10	576	4	414,720	2	1.72E+11	12
1,258	24	8	144	5	414,720	2	1.72E+11	24
1,259	144	5	576	4	414,720	2	1.72E+11	144
1,260	5,642	3	217	3	651	4	1.80E+11	217
1,261	146	5	346,385	2	657	4	1.86E+11	73
1,262	5,170	3	3,666	3	658	4	1.87E+11	94
1,263	12	10	359,424	2	5,760	3	1.91E+11	12
1,264	543	4	327,610	2	181	5	1.94E+11	181
1,265	24	7	5,760	3	442,368	2	1.96E+11	24
1,266	5,103	3	255,879	2	18	9	1.98E+11	9
1,267	18	9	162	4	446,148	2	1.99E+11	18
1,268	5	16	3,750	3	453,125	2	2.05E+11	5
1,269	25	8	3,750	3	453,125	2	2.05E+11	25
1,270	180	5	360	4	453,600	2	2.06E+11	180
1,271	183	5	61	5	453,962	2	2.06E+11	61
1,272	97	5	451,632	2	679	4	2.13E+11	97

FermatCatalan

1,273	665	4	2,660	3	5,985	3	2.14E+11	665
1,274	370	4	444,925	2	185	5	2.17E+11	185
1,275	184	5	276	4	465,520	2	2.17E+11	92
1,276	6	14	72	6	466,560	2	2.18E+11	6
1,277	6	14	5,184	3	466,560	2	2.18E+11	6
1,278	36	7	72	6	466,560	2	2.18E+11	36
1,279	36	7	5,184	3	466,560	2	2.18E+11	36
1,280	7	13	352,947	2	686	4	2.21E+11	7
1,281	4,802	3	4,802	3	686	4	2.21E+11	686
1,282	18	9	54	6	472,392	2	2.23E+11	18
1,283	18	9	2,916	3	472,392	2	2.23E+11	18
1,284	162	5	162	5	472,392	2	2.23E+11	162
1,285	39	7	296,595	2	78	6	2.25E+11	39
1,286	39	7	296,595	2	6,084	3	2.25E+11	39
1,287	78	6	195	4	476,073	2	2.27E+11	39
1,288	469	4	5,628	3	6,097	3	2.27E+11	469
1,289	41	7	3,362	3	482,447	2	2.33E+11	41
1,290	175	5	525	4	490,000	2	2.40E+11	175
1,291	175	5	525	4	700	4	2.40E+11	175
1,292	175	5	275,625	2	700	4	2.40E+11	175
1,293	99	5	693	4	490,050	2	2.40E+11	99
1,294	189	5	1,134	3	6,237	3	2.43E+11	189
1,295	28	7	482,944	2	6,272	3	2.47E+11	28
1,296	141	5	437,382	2	705	4	2.47E+11	141
1,297	702	4	2,106	3	6,318	3	2.52E+11	702
1,298	77	6	462	4	503,965	2	2.54E+11	77
1,299	6,144	3	3,072	3	192	5	2.61E+11	192
1,300	640	4	307,200	2	80	6	2.62E+11	80
1,301	5,547	3	318,028	2	43	7	2.72E+11	43
1,302	721	4	1,442	3	6,489	3	2.73E+11	721
1,303	2	37	2	37	2	38	2.75E+11	2
1,304	2	37	2	37	524,288	2	2.75E+11	2
1,305	2	37	2	37	4	19	2.75E+11	2
1,306	10	9	6,500	3	525,000	2	2.76E+11	10
1,307	5,824	3	4,368	3	728	4	2.81E+11	728
1,308	728	4	728	3	6,552	3	2.81E+11	728
1,309	162	5	413,343	2	3	24	2.82E+11	3
1,310	162	5	413,343	2	27	8	2.82E+11	27
1,311	162	5	413,343	2	9	12	2.82E+11	9
1,312	162	5	413,343	2	81	6	2.82E+11	81
1,313	162	5	413,343	2	729	4	2.82E+11	81
1,314	195	5	195	4	532,350	2	2.83E+11	195
1,315	657	4	4,599	3	6,570	3	2.84E+11	657
1,316	6,570	3	730	3	730	4	2.84E+11	730
1,317	602	4	5,418	3	6,622	3	2.90E+11	602
1,318	105	5	728	4	541,891	2	2.94E+11	7
1,319	6,633	3	1,474	3	737	4	2.95E+11	737
1,320	197	4	543,326	2	197	5	2.97E+11	197
1,321	26	8	316,368	2	6,760	3	3.09E+11	26

FermatCatalan

1,322	15	8	6,750	3	556,875	2	3.10E+11	15
1,323	198	5	297	4	558,657	2	3.12E+11	99
1,324	60	6	720	4	561,600	2	3.15E+11	60
1,325	154	5	693	4	563,255	2	3.17E+11	77
1,326	3,872	3	511,104	2	44	7	3.19E+11	44
1,327	6,804	3	2,268	3	756	4	3.27E+11	756
1,328	6	10	579,096	2	6,948	3	3.35E+11	6
1,329	606	4	448,844	2	202	5	3.36E+11	202
1,330	2	37	458,752	2	768	4	3.48E+11	2
1,331	192	5	294,912	2	768	4	3.48E+11	192
1,332	136	5	572,220	2	782	4	3.74E+11	34
1,333	510	4	556,325	2	85	6	3.77E+11	85
1,334	5,488	3	460,992	2	28	8	3.78E+11	28
1,335	39	7	496,522	2	7,267	3	3.84E+11	13
1,336	7,137	3	3,172	3	793	4	3.95E+11	793
1,337	18	9	18	9	629,856	2	3.97E+11	18
1,338	18	9	5,832	3	629,856	2	3.97E+11	18
1,339	80	6	384,000	2	800	4	4.10E+11	80
1,340	424	4	629,216	2	212	5	4.28E+11	212
1,341	209	5	418	4	655,215	2	4.29E+11	209
1,342	7	9	655,473	2	7,546	3	4.30E+11	7
1,343	3,703	3	620,517	2	46	7	4.36E+11	23
1,344	813	4	271	3	7,588	3	4.37E+11	271
1,345	24	8	6,912	3	663,552	2	4.40E+11	24
1,346	547	4	7,111	3	7,658	3	4.49E+11	547
1,347	207	5	299,943	2	828	4	4.70E+11	207
1,348	72	5	684,288	2	6	15	4.70E+11	6
1,349	72	5	684,288	2	216	5	4.70E+11	72
1,350	156	5	621,920	2	832	4	4.79E+11	52
1,351	209	5	152	5	692,759	2	4.80E+11	19
1,352	28	8	4,704	3	7,840	3	4.82E+11	28
1,353	784	4	4,704	3	7,840	3	4.82E+11	784
1,354	42	7	714	4	700,308	2	4.90E+11	42
1,355	75	6	750	4	703,125	2	4.94E+11	75
1,356	140	5	666,400	2	840	4	4.98E+11	140
1,357	5,046	3	609,725	2	29	8	5.00E+11	29
1,358	159	5	795	4	707,868	2	5.01E+11	159
1,359	65	6	659,100	2	845	4	5.10E+11	65
1,360	800	4	320,000	2	20	9	5.12E+11	20
1,361	185	5	740	4	718,725	2	5.17E+11	185
1,362	7,686	3	4,270	3	854	4	5.32E+11	854
1,363	854	4	1,281	3	8,113	3	5.34E+11	427
1,364	90	5	726,975	2	855	4	5.34E+11	45
1,365	6,840	3	5,985	3	855	4	5.34E+11	855
1,366	208	5	624	4	735,488	2	5.41E+11	208
1,367	2	38	2	38	2	39	5.50E+11	2
1,368	2	38	2	38	8,192	3	5.50E+11	2
1,369	2	38	2	38	8	13	5.50E+11	2
1,370	2	38	4	19	2	39	5.50E+11	2

FermatCatalan

1,371	2	38	4	19	8,192	3	5.50E+11	2
1,372	2	38	4	19	8	13	5.50E+11	2
1,373	2	38	524,288	2	2	39	5.50E+11	2
1,374	2	38	524,288	2	8,192	3	5.50E+11	2
1,375	2	38	524,288	2	8	13	5.50E+11	2
1,376	4	19	4	19	2	39	5.50E+11	2
1,377	4	19	4	19	8,192	3	5.50E+11	4
1,378	4	19	4	19	8	13	5.50E+11	4
1,379	4	19	524,288	2	2	39	5.50E+11	2
1,380	4	19	524,288	2	8,192	3	5.50E+11	4
1,381	4	19	524,288	2	8	13	5.50E+11	4
1,382	7,168	3	425,984	2	2	39	5.50E+11	2
1,383	7,168	3	425,984	2	8	13	5.50E+11	8
1,384	90	6	405	4	747,225	2	5.58E+11	45
1,385	17	9	668,168	2	867	4	5.65E+11	17
1,386	224	5	224	4	752,640	2	5.66E+11	224
1,387	90	6	212,625	2	15	10	5.77E+11	15
1,388	90	6	212,625	2	225	5	5.77E+11	45
1,389	675	4	607,500	2	15	10	5.77E+11	15
1,390	675	4	607,500	2	225	5	5.77E+11	225
1,391	8,100	3	212,625	2	15	10	5.77E+11	15
1,392	226	4	766,140	2	226	5	5.90E+11	226
1,393	178	5	801	4	768,337	2	5.90E+11	89
1,394	48	7	48	6	774,144	2	5.99E+11	48
1,395	48	7	2,304	3	774,144	2	5.99E+11	48
1,396	220	5	290,400	2	880	4	6.00E+11	220
1,397	8,436	3	2,508	3	228	5	6.16E+11	228
1,398	2	36	8	13	786,432	2	6.18E+11	2
1,399	2	36	8,192	3	786,432	2	6.18E+11	2
1,400	2	39	2	36	786,432	2	6.18E+11	2
1,401	2	39	4	18	786,432	2	6.18E+11	2
1,402	2	39	8	12	786,432	2	6.18E+11	2
1,403	2	39	16	9	786,432	2	6.18E+11	2
1,404	2	39	64	6	786,432	2	6.18E+11	2
1,405	2	39	512	4	786,432	2	6.18E+11	2
1,406	2	39	4,096	3	786,432	2	6.18E+11	2
1,407	4	18	8	13	786,432	2	6.18E+11	4
1,408	4	18	8,192	3	786,432	2	6.18E+11	4
1,409	8	12	8,192	3	786,432	2	6.18E+11	8
1,410	8	13	8	12	786,432	2	6.18E+11	8
1,411	8	13	16	9	786,432	2	6.18E+11	8
1,412	8	13	64	6	786,432	2	6.18E+11	8
1,413	8	13	512	4	786,432	2	6.18E+11	8
1,414	8	13	4,096	3	786,432	2	6.18E+11	8
1,415	16	9	8,192	3	786,432	2	6.18E+11	16
1,416	28	8	6,272	3	790,272	2	6.25E+11	28
1,417	200	5	200	5	800,000	2	6.40E+11	200
1,418	3	21	891	4	800,442	2	6.41E+11	3
1,419	27	7	891	4	800,442	2	6.41E+11	27

FermatCatalan

1,420	903	4	602	3	8,729	3	6.65E+11	301
1,421	728	4	7,280	3	8,736	3	6.67E+11	728
1,422	875	4	4,375	3	8,750	3	6.70E+11	875
1,423	26	8	685,464	2	8,788	3	6.79E+11	26
1,424	148	5	888	4	832,352	2	6.93E+11	148
1,425	184	5	710,976	2	920	4	7.16E+11	184
1,426	224	5	5,376	3	8,960	3	7.19E+11	224
1,427	231	5	266,805	2	924	4	7.29E+11	231
1,428	30	8	270,000	2	9,000	3	7.29E+11	30
1,429	819	4	6,552	3	9,009	3	7.31E+11	819
1,430	5	16	781,250	2	5	17	7.63E+11	5
1,431	25	8	781,250	2	5	17	7.63E+11	5
1,432	625	4	781,250	2	5	17	7.63E+11	5
1,433	50	6	875,000	2	50	7	7.81E+11	50
1,434	2,500	3	875,000	2	50	7	7.81E+11	50
1,435	48	7	442,368	2	9,216	3	7.83E+11	48
1,436	48	7	442,368	2	96	6	7.83E+11	48
1,437	63	6	857,304	2	945	4	7.97E+11	63
1,438	8,505	3	5,670	3	945	4	7.97E+11	945
1,439	482	4	871,215	2	241	5	8.13E+11	241
1,440	936	4	3,744	3	9,360	3	8.20E+11	936
1,441	21	9	3,087	3	907,578	2	8.24E+11	21
1,442	631	4	8,834	3	9,465	3	8.48E+11	631
1,443	96	6	258,048	2	960	4	8.49E+11	96
1,444	240	5	480	4	960	4	8.49E+11	240
1,445	240	5	480	4	921,600	2	8.49E+11	240
1,446	240	5	230,400	2	960	4	8.49E+11	240
1,447	3	22	905,418	2	9,477	3	8.51E+11	3
1,448	9	11	905,418	2	9,477	3	8.51E+11	9
1,449	44	7	766,656	2	9,680	3	9.07E+11	44
1,450	973	4	2,919	3	9,730	3	9.21E+11	973
1,451	20	9	800	4	960,000	2	9.22E+11	20
1,452	735	4	8,575	3	980	4	9.22E+11	245
1,453	124	5	953,312	2	248	5	9.38E+11	124
1,454	248	5	124	4	968,688	2	9.38E+11	124
1,455	247	5	183,027	2	988	4	9.53E+11	247
1,456	992	4	1,984	3	9,920	3	9.76E+11	992
1,457	5	16	9,375	3	250	5	9.77E+11	5
1,458	25	8	9,375	3	250	5	9.77E+11	25
1,459	625	4	9,375	3	250	5	9.77E+11	125
1,460	750	4	812,500	2	250	5	9.77E+11	250
1,461	999	4	999	3	9,990	3	9.97E+11	999
1,462	10,010	3	1,001	3	1,001	4	1.00E+12	1,001
1,463	8,112	3	703,040	2	52	7	1.03E+12	52
1,464	252	5	127,008	2	1,008	4	1.03E+12	252
1,465	10,080	3	2,016	3	1,008	4	1.03E+12	1,008
1,466	40	7	9,600	3	1,024,000	2	1.05E+12	40
1,467	127	5	1,016,127	2	1,016	4	1.07E+12	127
1,468	1,008	4	3,312	3	10,224	3	1.07E+12	144

FermatCatalan

1,469	255	5	255	4	1,020	4	1.08E+12	255
1,470	255	5	255	4	1,040,400	2	1.08E+12	255
1,471	255	5	65,025	2	1,020	4	1.08E+12	255
1,472	2	39	2	39	4	20	1.10E+12	2
1,473	2	39	2	39	256	5	1.10E+12	2
1,474	2	39	2	39	1,024	4	1.10E+12	2
1,475	2	39	2	39	16	10	1.10E+12	2
1,476	2	39	2	39	2	40	1.10E+12	2
1,477	2	39	2	39	1,048,576	2	1.10E+12	2
1,478	2	39	2	39	32	8	1.10E+12	2
1,479	2	39	8	13	4	20	1.10E+12	2
1,480	2	39	8	13	256	5	1.10E+12	2
1,481	2	39	8	13	1,024	4	1.10E+12	2
1,482	2	39	8	13	16	10	1.10E+12	2
1,483	2	39	8	13	2	40	1.10E+12	2
1,484	2	39	8	13	1,048,576	2	1.10E+12	2
1,485	2	39	8	13	32	8	1.10E+12	2
1,486	2	39	8,192	3	4	20	1.10E+12	2
1,487	2	39	8,192	3	256	5	1.10E+12	2
1,488	2	39	8,192	3	1,024	4	1.10E+12	2
1,489	2	39	8,192	3	16	10	1.10E+12	2
1,490	2	39	8,192	3	2	40	1.10E+12	2
1,491	2	39	8,192	3	1,048,576	2	1.10E+12	2
1,492	2	39	8,192	3	32	8	1.10E+12	2
1,493	8	13	8	13	4	20	1.10E+12	4
1,494	8	13	8	13	256	5	1.10E+12	8
1,495	8	13	8	13	1,024	4	1.10E+12	8
1,496	8	13	8	13	16	10	1.10E+12	8
1,497	8	13	8	13	2	40	1.10E+12	2
1,498	8	13	8	13	1,048,576	2	1.10E+12	8
1,499	8	13	8	13	32	8	1.10E+12	8
1,500	8	13	8,192	3	4	20	1.10E+12	4
1,501	8	13	8,192	3	256	5	1.10E+12	8
1,502	8	13	8,192	3	1,024	4	1.10E+12	8
1,503	8	13	8,192	3	16	10	1.10E+12	8
1,504	8	13	8,192	3	2	40	1.10E+12	2
1,505	8	13	8,192	3	1,048,576	2	1.10E+12	8
1,506	8	13	8,192	3	32	8	1.10E+12	8
1,507	8,192	3	8,192	3	4	20	1.10E+12	4
1,508	8,192	3	8,192	3	256	5	1.10E+12	256
1,509	8,192	3	8,192	3	1,024	4	1.10E+12	1,024
1,510	8,192	3	8,192	3	16	10	1.10E+12	16
1,511	8,192	3	8,192	3	2	40	1.10E+12	2
1,512	8,192	3	8,192	3	32	8	1.10E+12	32
1,513	10,270	3	3,081	3	1,027	4	1.11E+12	1,027
1,514	864	4	864	4	10,368	3	1.11E+12	864
1,515	257	4	1,056,784	2	257	5	1.12E+12	257
1,516	1,028	4	257	4	257	5	1.12E+12	257
1,517	1,028	4	66,049	2	257	5	1.12E+12	257

FermatCatalan

1,518	3	24	243	5	1,062,882	2	1.13E+12	3
1,519	3	25	3	24	1,062,882	2	1.13E+12	3
1,520	3	25	9	12	1,062,882	2	1.13E+12	3
1,521	3	25	27	8	1,062,882	2	1.13E+12	3
1,522	3	25	81	6	1,062,882	2	1.13E+12	3
1,523	3	25	729	4	1,062,882	2	1.13E+12	3
1,524	3	25	6,561	3	1,062,882	2	1.13E+12	3
1,525	9	12	243	5	1,062,882	2	1.13E+12	9
1,526	27	8	243	5	1,062,882	2	1.13E+12	27
1,527	81	6	243	5	1,062,882	2	1.13E+12	81
1,528	243	5	729	4	1,062,882	2	1.13E+12	243
1,529	8,806	3	7,770	3	1,036	4	1.15E+12	518
1,530	129	5	1,032	4	1,081,665	2	1.17E+12	129
1,531	416	4	1,076,192	2	260	5	1.19E+12	52
1,532	1,040	4	135,200	2	260	5	1.19E+12	260
1,533	10	10	1,090,625	2	10,625	3	1.20E+12	5
1,534	874	4	8,510	3	10,626	3	1.20E+12	46
1,535	21	9	638,666	2	10,633	3	1.20E+12	7
1,536	84	6	929,628	2	1,050	4	1.22E+12	42
1,537	44	7	9,680	3	1,107,392	2	1.23E+12	44
1,538	22	9	3,993	3	1,127,357	2	1.27E+12	11
1,539	10,640	3	4,256	3	1,064	4	1.28E+12	1,064
1,540	264	5	132	4	1,132,560	2	1.28E+12	132
1,541	988	4	6,916	3	10,868	3	1.28E+12	988
1,542	240	5	840	4	1,137,600	2	1.29E+12	120
1,543	1,060	4	210,675	2	265	5	1.31E+12	265
1,544	228	5	912	4	1,143,648	2	1.31E+12	228
1,545	9,648	3	7,504	3	1,072	4	1.32E+12	1,072
1,546	264	5	132	5	1,149,984	2	1.32E+12	132
1,547	26	8	1,056,757	2	10,985	3	1.33E+12	13
1,548	3	22	10,935	3	54	7	1.34E+12	3
1,549	9	11	10,935	3	54	7	1.34E+12	9
1,550	8,748	3	8,748	3	54	7	1.34E+12	54
1,551	10,935	3	177,147	2	54	7	1.34E+12	27
1,552	54	7	486	4	1,180,980	2	1.39E+12	54
1,553	866	4	9,526	3	11,258	3	1.43E+12	866
1,554	1,101	4	1,468	3	11,377	3	1.47E+12	367
1,555	544	4	1,183,744	2	272	5	1.49E+12	272
1,556	1,088	4	544	4	272	5	1.49E+12	272
1,557	1,088	4	295,936	2	272	5	1.49E+12	272
1,558	105	6	630	4	1,223,775	2	1.50E+12	105
1,559	721	4	10,815	3	11,536	3	1.54E+12	721
1,560	50	7	50	7	1,250,000	2	1.56E+12	50
1,561	54	7	6,156	3	1,253,880	2	1.57E+12	54
1,562	15	10	1,012,500	2	1,125	4	1.60E+12	15
1,563	75	6	11,250	3	1,125	4	1.60E+12	75
1,564	225	5	1,012,500	2	1,125	4	1.60E+12	225
1,565	11,250	3	5,625	3	1,125	4	1.60E+12	1,125
1,566	234	5	975	4	1,266,993	2	1.61E+12	39

FermatCatalan

1,567	273	5	546	4	1,266,993	2	1.61E+12	273
1,568	831	4	1,074,206	2	277	5	1.63E+12	277
1,569	2	27	11,776	3	1,277,952	2	1.63E+12	2
1,570	8	9	11,776	3	1,277,952	2	1.63E+12	8
1,571	10,754	3	7,358	3	1,132	4	1.64E+12	566
1,572	242	5	242	5	1,288,408	2	1.66E+12	242
1,573	19	9	1,083	4	1,303,210	2	1.70E+12	19
1,574	999	4	8,991	3	11,988	3	1.72E+12	999
1,575	1,142	4	2,855	3	11,991	3	1.72E+12	571
1,576	10,780	3	688,744	2	56	7	1.73E+12	28
1,577	1,124	4	394,805	2	281	5	1.75E+12	281
1,578	55	7	499,125	2	12,100	3	1.77E+12	55
1,579	55	7	499,125	2	110	6	1.77E+12	55
1,580	110	5	1,327,975	2	1,155	4	1.78E+12	55
1,581	507	4	1,313,806	2	13	11	1.79E+12	13
1,582	276	5	690	4	1,352,124	2	1.83E+12	138
1,583	6	15	1,080	4	1,353,024	2	1.83E+12	6
1,584	216	5	1,080	4	1,353,024	2	1.83E+12	216
1,585	1,115	4	6,690	3	12,265	3	1.85E+12	1,115
1,586	2	37	1,310,720	2	12,288	3	1.86E+12	2
1,587	666	4	1,293,705	2	111	6	1.87E+12	111
1,588	260	5	910	4	1,368,900	2	1.87E+12	130
1,589	260	5	910	4	1,170	4	1.87E+12	130
1,590	260	5	828,100	2	1,170	4	1.87E+12	130
1,591	17	7	12,427	3	1,385,466	2	1.92E+12	17
1,592	250	5	250	5	12,500	3	1.95E+12	250
1,593	5,054	3	1,351,223	2	57	7	1.95E+12	19
1,594	6,498	3	1,296,351	2	57	7	1.95E+12	57
1,595	56	7	6,272	3	12,544	3	1.97E+12	56
1,596	56	7	6,272	3	1,404,928	2	1.97E+12	56
1,597	56	7	6,272	3	112	6	1.97E+12	56
1,598	288	5	288	4	1,410,048	2	1.99E+12	288
1,599	41	6	1,412,040	2	1,189	4	2.00E+12	41
1,600	54	7	8,748	3	1,417,176	2	2.01E+12	54
1,601	290	4	1,429,700	2	290	5	2.05E+12	290
1,602	1,168	4	511,584	2	292	5	2.12E+12	292
1,603	1,209	4	2,015	3	12,896	3	2.14E+12	403
1,604	6	15	1,306,368	2	12,960	3	2.18E+12	6
1,605	12,160	3	7,296	3	1,216	4	2.19E+12	1,216
1,606	98	5	1,479,016	2	294	5	2.20E+12	98
1,607	2	40	2	40	2	41	2.20E+12	2
1,608	2	40	4	20	2	41	2.20E+12	2
1,609	2	40	16	10	2	41	2.20E+12	2
1,610	2	40	32	8	2	41	2.20E+12	2
1,611	2	40	256	5	2	41	2.20E+12	2
1,612	2	40	1,024	4	2	41	2.20E+12	2
1,613	2	40	1,048,576	2	2	41	2.20E+12	2
1,614	4	20	4	20	2	41	2.20E+12	2
1,615	4	20	16	10	2	41	2.20E+12	2

FermatCatalan

1,616	4	20	32	8	2	41	2.20E+12	2
1,617	4	20	256	5	2	41	2.20E+12	2
1,618	4	20	1,024	4	2	41	2.20E+12	2
1,619	4	20	1,048,576	2	2	41	2.20E+12	2
1,620	16	10	16	10	2	41	2.20E+12	2
1,621	16	10	32	8	2	41	2.20E+12	2
1,622	16	10	256	5	2	41	2.20E+12	2
1,623	16	10	1,024	4	2	41	2.20E+12	2
1,624	16	10	1,048,576	2	2	41	2.20E+12	2
1,625	32	8	32	8	2	41	2.20E+12	2
1,626	32	8	256	5	2	41	2.20E+12	2
1,627	32	8	1,024	4	2	41	2.20E+12	2
1,628	32	8	1,048,576	2	2	41	2.20E+12	2
1,629	256	5	256	5	2	41	2.20E+12	2
1,630	256	5	1,024	4	2	41	2.20E+12	2
1,631	256	5	1,048,576	2	2	41	2.20E+12	2
1,632	1,024	4	1,024	4	2	41	2.20E+12	2
1,633	1,024	4	1,048,576	2	2	41	2.20E+12	2
1,634	252	5	1,088,388	2	1,218	4	2.20E+12	42
1,635	280	5	840	4	1,489,600	2	2.22E+12	280
1,636	272	5	869,312	2	1,224	4	2.24E+12	136
1,637	12,250	3	643,125	2	35	8	2.25E+12	35
1,638	13	8	13,182	3	1,513,733	2	2.29E+12	13
1,639	18	7	1,519,965	2	297	5	2.31E+12	9
1,640	285	5	667,850	2	1,235	4	2.33E+12	95
1,641	47	7	1,349,699	2	13,254	3	2.33E+12	47
1,642	1,206	4	6,030	3	13,266	3	2.33E+12	1,206
1,643	11,169	3	9,928	3	1,241	4	2.37E+12	1,241
1,644	207	5	1,414,017	2	1,242	4	2.38E+12	207
1,645	226	5	1,340,745	2	1,243	4	2.39E+12	113
1,646	35	7	1,543,500	2	13,475	3	2.45E+12	35
1,647	15	8	13,500	3	1,569,375	2	2.46E+12	15
1,648	2	41	2	38	1,572,864	2	2.47E+12	2
1,649	2	41	4	19	1,572,864	2	2.47E+12	2
1,650	108	6	972	4	1,574,640	2	2.48E+12	108
1,651	294	5	735	4	1,577,457	2	2.49E+12	147
1,652	3	24	13,122	3	9	13	2.54E+12	3
1,653	3	24	13,122	3	1,594,323	2	2.54E+12	3
1,654	3	24	13,122	3	3	26	2.54E+12	3
1,655	9	12	13,122	3	9	13	2.54E+12	9
1,656	9	12	13,122	3	1,594,323	2	2.54E+12	9
1,657	9	12	13,122	3	3	26	2.54E+12	3
1,658	27	8	13,122	3	9	13	2.54E+12	9
1,659	27	8	13,122	3	1,594,323	2	2.54E+12	27
1,660	27	8	13,122	3	3	26	2.54E+12	3
1,661	81	6	13,122	3	9	13	2.54E+12	9
1,662	81	6	13,122	3	3	26	2.54E+12	3
1,663	729	4	13,122	3	9	13	2.54E+12	9
1,664	729	4	13,122	3	3	26	2.54E+12	3

FermatCatalan

1,665	13,122	3	6,561	3	9	13	2.54E+12	9
1,666	13,122	3	6,561	3	3	26	2.54E+12	3
1,667	13,122	3	531,441	2	9	13	2.54E+12	9
1,668	13,122	3	531,441	2	3	26	2.54E+12	3
1,669	105	6	1,050	4	1,598,625	2	2.56E+12	105
1,670	15	8	13,750	3	1,613,125	2	2.60E+12	5
1,671	14	9	13,720	3	1,613,472	2	2.60E+12	14
1,672	297	5	198	5	1,617,165	2	2.62E+12	99
1,673	610	4	1,581,425	2	305	5	2.64E+12	305
1,674	1,220	4	651,175	2	305	5	2.64E+12	305
1,675	817	4	13,072	3	13,889	3	2.68E+12	817
1,676	918	4	1,404,540	2	306	5	2.68E+12	306
1,677	280	5	9,920	3	13,920	3	2.70E+12	40
1,678	1,267	4	5,068	3	13,937	3	2.71E+12	1,267
1,679	24	8	13,824	3	1,658,880	2	2.75E+12	24
1,680	24	9	24	8	1,658,880	2	2.75E+12	24
1,681	24	9	576	4	1,658,880	2	2.75E+12	24
1,682	10,368	3	1,306,368	2	6	16	2.82E+12	6
1,683	10,368	3	1,306,368	2	36	8	2.82E+12	36
1,684	224	5	1,232	4	1,693,440	2	2.87E+12	112
1,685	1,016	4	12,192	3	14,224	3	2.88E+12	1,016
1,686	310	5	465	4	1,705,775	2	2.91E+12	155
1,687	308	5	616	4	1,707,552	2	2.92E+12	308
1,688	273	5	1,092	4	1,714,167	2	2.94E+12	273
1,689	1,304	4	3,912	3	14,344	3	2.95E+12	1,304
1,690	1,288	4	5,888	3	14,352	3	2.96E+12	184
1,691	14,352	3	624	3	312	5	2.96E+12	312
1,692	60	7	432,000	2	120	6	2.99E+12	60
1,693	60	7	432,000	2	14,400	3	2.99E+12	60
1,694	264	5	1,324,224	2	1,320	4	3.04E+12	264
1,695	13,902	3	7,282	3	1,324	4	3.07E+12	662
1,696	1,323	4	2,646	3	14,553	3	3.08E+12	1,323
1,697	1,216	4	9,728	3	14,592	3	3.11E+12	1,216
1,698	1,330	4	1,330	3	14,630	3	3.13E+12	1,330
1,699	14,652	3	1,332	3	1,332	4	3.15E+12	1,332
1,700	22	9	12,584	3	1,788,864	2	3.20E+12	22
1,701	14,729	3	2,678	3	1,339	4	3.21E+12	1,339
1,702	13,430	3	9,401	3	1,343	4	3.25E+12	1,343
1,703	192	5	1,732,608	2	1,344	4	3.26E+12	192
1,704	1,280	4	819,200	2	320	5	3.36E+12	320
1,705	17	7	15,028	3	1,842,375	2	3.39E+12	17
1,706	14,938	3	4,074	3	1,358	4	3.40E+12	1,358
1,707	39	7	1,838,889	2	15,210	3	3.52E+12	39
1,708	62	7	31	6	1,876,833	2	3.52E+12	31
1,709	62	7	961	3	1,876,833	2	3.52E+12	31
1,710	323	5	323	4	1,877,922	2	3.53E+12	323
1,711	35	8	10,850	3	15,225	3	3.53E+12	35
1,712	1,225	4	10,850	3	15,225	3	3.53E+12	175
1,713	325	4	1,901,250	2	325	5	3.63E+12	325

FermatCatalan

1,714	252	5	1,635,228	2	1,386	4	3.69E+12	126
1,715	1,197	4	11,970	3	15,561	3	3.77E+12	1,197
1,716	15,345	3	5,580	3	1,395	4	3.79E+12	1,395
1,717	17	10	12,138	3	1,950,461	2	3.80E+12	17
1,718	33	8	1,549,034	2	15,613	3	3.81E+12	1
1,719	1,250	4	1,171,875	2	125	6	3.81E+12	125
1,720	1,250	4	1,171,875	2	5	18	3.81E+12	5
1,721	1,250	4	1,171,875	2	25	9	3.81E+12	25
1,722	120	6	960	4	1,958,400	2	3.84E+12	120
1,723	6	14	15,552	3	1,959,552	2	3.84E+12	6
1,724	36	7	15,552	3	1,959,552	2	3.84E+12	36
1,725	328	5	492	4	1,963,408	2	3.85E+12	164
1,726	15	10	1,350	4	1,974,375	2	3.90E+12	15
1,727	225	5	1,350	4	1,974,375	2	3.90E+12	225
1,728	11,907	3	1,500,282	2	63	7	3.94E+12	63
1,729	288	5	288	5	1,990,656	2	3.96E+12	288
1,730	63	7	63	6	15,876	3	4.00E+12	63
1,731	63	7	63	6	2,000,376	2	4.00E+12	63
1,732	63	7	63	6	126	6	4.00E+12	63
1,733	63	7	3,969	3	15,876	3	4.00E+12	63
1,734	63	7	3,969	3	2,000,376	2	4.00E+12	63
1,735	63	7	3,969	3	126	6	4.00E+12	63
1,736	63	7	250,047	2	15,876	3	4.00E+12	63
1,737	63	7	250,047	2	126	6	4.00E+12	63
1,738	38	7	15,884	3	2,030,264	2	4.12E+12	38
1,739	319	5	957	4	2,035,220	2	4.14E+12	319
1,740	57	7	114	6	2,037,123	2	4.15E+12	57
1,741	57	7	12,996	3	2,037,123	2	4.15E+12	57
1,742	200	5	1,400	4	2,040,000	2	4.16E+12	200
1,743	14	11	637	4	2,052,855	2	4.21E+12	7
1,744	1,011	4	1,817,104	2	337	5	4.35E+12	337
1,745	1,348	4	1,011	4	337	5	4.35E+12	337
1,746	1,348	4	1,022,121	2	337	5	4.35E+12	337
1,747	1,443	4	3,367	3	16,354	3	4.37E+12	481
1,748	2	41	2	41	2,097,152	2	4.40E+12	2
1,749	2	41	2	41	64	7	4.40E+12	2
1,750	2	41	2	41	16,384	3	4.40E+12	2
1,751	2	41	2	41	4	21	4.40E+12	2
1,752	2	41	2	41	8	14	4.40E+12	2
1,753	2	41	2	41	128	6	4.40E+12	2
1,754	2	41	2	41	2	42	4.40E+12	2
1,755	6	16	108	6	2,099,520	2	4.41E+12	6
1,756	6	16	11,664	3	2,099,520	2	4.41E+12	6
1,757	36	8	108	6	2,099,520	2	4.41E+12	36
1,758	36	8	11,664	3	2,099,520	2	4.41E+12	36
1,759	108	6	1,296	4	2,099,520	2	4.41E+12	108
1,760	161	5	2,073,680	2	1,449	4	4.41E+12	161
1,761	14	8	16,464	3	2,112,880	2	4.46E+12	14
1,762	16,016	3	7,280	3	1,456	4	4.49E+12	1,456

1

FermatCatalan

1,763	110	6	1,287	4	2,124,881	2	4.52E+12	11
1,764	13,122	3	13,122	3	1,458	4	4.52E+12	1,458
1,765	919	4	15,623	3	16,542	3	4.53E+12	919
1,766	680	4	2,080,800	2	340	5	4.54E+12	340
1,767	1,385	4	9,695	3	16,620	3	4.59E+12	1,385
1,768	13,664	3	12,688	3	1,464	4	4.59E+12	488
1,769	163	5	1,467	4	2,178,658	2	4.75E+12	163
1,770	14,326	3	12,350	3	1,482	4	4.82E+12	494
1,771	65	6	16,900	3	65	7	4.90E+12	65
1,772	65	6	2,197,000	2	65	7	4.90E+12	65
1,773	130	6	65	6	65	7	4.90E+12	65
1,774	130	6	4,225	3	65	7	4.90E+12	65
1,775	130	6	274,625	2	65	7	4.90E+12	65
1,776	1,414	3	2,213,459	2	65	7	4.90E+12	1
1,777	4,225	3	2,197,000	2	65	7	4.90E+12	65
1,778	16,900	3	4,225	3	65	7	4.90E+12	65
1,779	16,900	3	274,625	2	65	7	4.90E+12	65
1,780	1,478	4	5,173	3	16,997	3	4.91E+12	739
1,781	30	7	17,100	3	2,241,000	2	5.02E+12	30
1,782	345	5	690	4	2,261,475	2	5.11E+12	345
1,783	301	5	1,630,818	2	1,505	4	5.13E+12	301
1,784	275	5	1,375	4	2,268,750	2	5.15E+12	275
1,785	258	5	1,419	4	2,279,817	2	5.20E+12	129
1,786	15,120	3	12,096	3	1,512	4	5.23E+12	1,512
1,787	132	5	2,295,612	2	1,518	4	5.31E+12	66
1,788	2	37	17,408	3	2,326,528	2	5.41E+12	2
1,789	13	11	15,379	3	17,576	3	5.43E+12	13
1,790	13	11	15,379	3	26	9	5.43E+12	13
1,791	26	8	2,284,880	2	17,576	3	5.43E+12	26
1,792	26	8	2,284,880	2	26	9	5.43E+12	26
1,793	676	4	2,284,880	2	26	9	5.43E+12	26
1,794	66	7	33	6	2,335,905	2	5.46E+12	33
1,795	66	7	1,089	3	2,335,905	2	5.46E+12	33
1,796	1,178	4	15,314	3	17,670	3	5.52E+12	1,178
1,797	2	41	1,835,008	2	1,536	4	5.57E+12	2
1,798	26	9	397,657	2	17,745	3	5.59E+12	13
1,799	345	5	920	4	2,367,275	2	5.60E+12	115
1,800	342	5	964,953	2	1,539	4	5.61E+12	171
1,801	1,424	4	1,267,360	2	356	5	5.72E+12	356
1,802	119	6	1,699,320	2	1,547	4	5.73E+12	119
1,803	17,017	3	9,282	3	1,547	4	5.73E+12	1,547
1,804	16,058	3	11,914	3	1,554	4	5.83E+12	518
1,805	120	6	1,713,600	2	1,560	4	5.92E+12	120
1,806	1,512	4	9,072	3	18,144	3	5.97E+12	1,512
1,807	320	5	1,280	4	2,457,600	2	6.04E+12	320
1,808	1,215	4	1,968,300	2	135	6	6.05E+12	135
1,809	360	5	360	4	2,462,400	2	6.06E+12	360
1,810	1,569	4	4,184	3	18,305	3	6.13E+12	523
1,811	350	5	949,375	2	1,575	4	6.15E+12	175

1

FermatCatalan

1,812	362	4	2,489,836	2	362	5	6.22E+12	362
1,813	1,088	4	2,219,520	2	136	6	6.33E+12	136
1,814	21	8	18,522	3	2,528,253	2	6.39E+12	21
1,815	61	7	122	6	18,605	3	6.44E+12	61
1,816	61	7	14,884	3	18,605	3	6.44E+12	61
1,817	61	7	1,815,848	2	18,605	3	6.44E+12	61
1,818	48	7	2,437,120	2	18,688	3	6.53E+12	16
1,819	17,152	3	11,792	3	1,608	4	6.69E+12	536
1,820	136	6	628,864	2	68	7	6.72E+12	68
1,821	18,496	3	628,864	2	68	7	6.72E+12	68
1,822	348	5	1,131	4	2,596,167	2	6.74E+12	87
1,823	18,538	3	7,254	3	1,612	4	6.75E+12	806
1,824	26	9	10,985	3	2,599,051	2	6.76E+12	13
1,825	181	5	18,824	3	19,005	3	6.86E+12	181
1,826	1,110	4	2,327,300	2	370	5	6.93E+12	370
1,827	1,468	4	13,212	3	19,084	3	6.95E+12	1,468
1,828	3	26	1,458	4	2,657,205	2	7.06E+12	3
1,829	9	13	1,458	4	2,657,205	2	7.06E+12	9
1,830	7	15	1,529,437	2	19,208	3	7.09E+12	7
1,831	1,372	4	1,372	4	19,208	3	7.09E+12	1,372
1,832	272	5	2,367,488	2	1,632	4	7.09E+12	272
1,833	1,603	4	8,015	3	19,236	3	7.12E+12	1,603
1,834	7	11	19,257	3	2,672,656	2	7.14E+12	7
1,835	68	6	1,632	4	2,681,920	2	7.19E+12	68
1,836	15	8	19,314	3	2,684,637	2	7.21E+12	3
1,837	35	8	17,150	3	2,701,125	2	7.30E+12	35
1,838	360	5	1,080	4	2,721,600	2	7.41E+12	360
1,839	18,750	3	9,375	3	375	5	7.42E+12	375
1,840	1,027	4	18,486	3	19,513	3	7.43E+12	1,027
1,841	2,645	3	2,725,408	2	69	7	7.45E+12	23
1,842	17	8	19,652	3	2,756,193	2	7.60E+12	17
1,843	754	4	2,700,451	2	377	5	7.62E+12	377
1,844	1,508	4	1,563,419	2	377	5	7.62E+12	377
1,845	39	8	1,542,294	2	19,773	3	7.73E+12	39
1,846	1,413	4	15,543	3	19,782	3	7.74E+12	1,413
1,847	18,414	3	11,718	3	1,674	4	7.85E+12	1,674
1,848	1,664	4	6,656	3	19,968	3	7.96E+12	1,664
1,849	336	5	1,919,232	2	1,680	4	7.97E+12	336
1,850	2	35	2,883,584	2	384	5	8.35E+12	2
1,851	32	7	2,883,584	2	384	5	8.35E+12	32
1,852	128	5	2,883,584	2	384	5	8.35E+12	128
1,853	54	7	2,676,888	2	20,412	3	8.50E+12	54
1,854	1,701	4	5,103	3	20,412	3	8.50E+12	1,701
1,855	2	38	2,883,584	2	20,480	3	8.59E+12	2
1,856	4	19	2,883,584	2	20,480	3	8.59E+12	4
1,857	7	14	2,823,576	2	1,715	4	8.65E+12	7
1,858	49	7	2,823,576	2	1,715	4	8.65E+12	49
1,859	384	5	768	4	2,949,120	2	8.70E+12	384
1,860	19	10	13,718	3	20,577	3	8.71E+12	19

FermatCatalan

1,861	361	5	13,718	3	20,577	3	8.71E+12	361
1,862	26	9	14,872	3	2,952,768	2	8.72E+12	26
1,863	1,720	4	3,440	3	20,640	3	8.79E+12	1,720
1,864	2	42	2	42	2	43	8.80E+12	2
1,865	2	42	4	21	2	43	8.80E+12	2
1,866	2	42	8	14	2	43	8.80E+12	2
1,867	2	42	64	7	2	43	8.80E+12	2
1,868	2	42	128	6	2	43	8.80E+12	2
1,869	2	42	16,384	3	2	43	8.80E+12	2
1,870	2	42	2,097,152	2	2	43	8.80E+12	2
1,871	4	21	4	21	2	43	8.80E+12	2
1,872	4	21	8	14	2	43	8.80E+12	2
1,873	4	21	64	7	2	43	8.80E+12	2
1,874	4	21	128	6	2	43	8.80E+12	2
1,875	4	21	16,384	3	2	43	8.80E+12	2
1,876	4	21	2,097,152	2	2	43	8.80E+12	2
1,877	8	14	8	14	2	43	8.80E+12	2
1,878	8	14	64	7	2	43	8.80E+12	2
1,879	8	14	128	6	2	43	8.80E+12	2
1,880	8	14	16,384	3	2	43	8.80E+12	2
1,881	8	14	2,097,152	2	2	43	8.80E+12	2
1,882	64	7	64	7	2	43	8.80E+12	2
1,883	64	7	128	6	2	43	8.80E+12	2
1,884	64	7	16,384	3	2	43	8.80E+12	2
1,885	64	7	2,097,152	2	2	43	8.80E+12	2
1,886	128	6	128	6	2	43	8.80E+12	2
1,887	128	6	16,384	3	2	43	8.80E+12	2
1,888	128	6	2,097,152	2	2	43	8.80E+12	2
1,889	16,384	3	16,384	3	2	43	8.80E+12	2
1,890	16,384	3	2,097,152	2	2	43	8.80E+12	2
1,891	338	5	338	5	2,970,344	2	8.82E+12	338
1,892	1,727	4	1,727	3	20,724	3	8.90E+12	1,727
1,893	17,290	3	15,561	3	1,729	4	8.94E+12	1,729
1,894	20,748	3	1,729	3	1,729	4	8.94E+12	1,729
1,895	10	12	20,000	3	3,000,000	2	9.00E+12	10
1,896	390	5	195	4	3,003,975	2	9.02E+12	195
1,897	20,832	3	3,472	3	1,736	4	9.08E+12	1,736
1,898	28	8	20,580	3	3,015,656	2	9.09E+12	28
1,899	15	11	15	10	3,037,500	2	9.23E+12	15
1,900	15	11	225	5	3,037,500	2	9.23E+12	15
1,901	7	11	3,042,067	2	392	5	9.26E+12	7
1,902	1,450	4	2,207,625	2	145	6	9.29E+12	145
1,903	1,740	4	357,425	2	145	6	9.29E+12	145
1,904	19,856	3	11,680	3	1,752	4	9.42E+12	584
1,905	21,060	3	5,265	3	1,755	4	9.49E+12	1,755
1,906	392	5	653,072	2	1,764	4	9.68E+12	196
1,907	392	5	653,072	2	42	8	9.68E+12	14
1,908	21,168	3	444,528	2	42	8	9.68E+12	42
1,909	2	43	2	40	3,145,728	2	9.90E+12	2

FermatCatalan

1,910	2	43	4	20	3,145,728	2	9.90E+12	2
1,911	2	43	16	10	3,145,728	2	9.90E+12	2
1,912	2	43	32	8	3,145,728	2	9.90E+12	2
1,913	2	43	256	5	3,145,728	2	9.90E+12	2
1,914	2	43	1,024	4	3,145,728	2	9.90E+12	2
1,915	10	12	3,000,000	2	10	13	1.00E+13	10
1,916	100	6	3,000,000	2	10	13	1.00E+13	10
1,917	1,000	4	3,000,000	2	10	13	1.00E+13	10
1,918	10,000	3	3,000,000	2	10	13	1.00E+13	10
1,919	12	12	10,368	3	72	7	1.00E+13	12
1,920	144	6	10,368	3	72	7	1.00E+13	72
1,921	1,728	4	10,368	3	72	7	1.00E+13	72
1,922	10,368	3	2,985,984	2	72	7	1.00E+13	72
1,923	20,736	3	10,368	3	72	7	1.00E+13	72
1,924	72	7	432	4	3,172,608	2	1.01E+13	72
1,925	396	5	588,060	2	1,782	4	1.01E+13	198
1,926	1,352	4	18,928	3	21,632	3	1.01E+13	1,352
1,927	399	5	399	4	3,184,020	2	1.01E+13	399
1,928	50	7	1,750	4	3,187,500	2	1.02E+13	50
1,929	3	26	27	9	3,188,646	2	1.02E+13	3
1,930	3	26	19,683	3	3,188,646	2	1.02E+13	3
1,931	3	27	3	26	3,188,646	2	1.02E+13	3
1,932	3	27	9	13	3,188,646	2	1.02E+13	3
1,933	9	13	27	9	3,188,646	2	1.02E+13	9
1,934	9	13	19,683	3	3,188,646	2	1.02E+13	9
1,935	40	8	1,920,000	2	20	10	1.02E+13	20
1,936	40	8	1,920,000	2	400	5	1.02E+13	40
1,937	1,600	4	1,920,000	2	20	10	1.02E+13	20
1,938	1,600	4	1,920,000	2	400	5	1.02E+13	400
1,939	21,504	3	7,168	3	1,792	4	1.03E+13	1,792
1,940	23	7	3,217,907	2	1,794	4	1.04E+13	23
1,941	401	4	3,216,020	2	401	5	1.04E+13	401
1,942	20	9	3,160,000	2	1,800	4	1.05E+13	20
1,943	1,685	4	13,480	3	21,905	3	1.05E+13	1,685
1,944	402	5	2,613	3	21,909	3	1.05E+13	201
1,945	392	5	10,976	3	21,952	3	1.06E+13	392
1,946	392	5	10,976	3	28	9	1.06E+13	28
1,947	5,488	3	3,226,944	2	28	9	1.06E+13	28
1,948	130	6	1,560	4	3,278,600	2	1.07E+13	130
1,949	1,215	4	2,952,450	2	405	5	1.09E+13	405
1,950	90	6	1,800	4	3,321,000	2	1.10E+13	90
1,951	146	6	1,167,051	2	73	7	1.10E+13	73
1,952	21,316	3	1,167,051	2	73	7	1.10E+13	73
1,953	26	9	2,402,880	2	22,376	3	1.12E+13	2
1,954	40	7	3,328,000	2	22,400	3	1.12E+13	40
1,955	1,800	4	945,000	2	150	6	1.14E+13	150
1,956	39	8	18,252	3	3,381,183	2	1.14E+13	39
1,957	21,490	3	11,666	3	1,842	4	1.15E+13	614
1,958	20,273	3	14,744	3	1,843	4	1.15E+13	1,843

FermatCatalan

1,959	369	5	1,476	4	1,845	4	1.16E+13	369
1,960	369	5	1,476	4	3,404,025	2	1.16E+13	369
1,961	369	5	2,178,576	2	1,845	4	1.16E+13	369
1,962	410	5	205	4	1,845	4	1.16E+13	205
1,963	410	5	205	4	3,404,025	2	1.16E+13	205
1,964	410	5	42,025	2	1,845	4	1.16E+13	205
1,965	1,839	4	6,130	3	22,681	3	1.17E+13	613
1,966	22,188	3	874,577	2	43	8	1.17E+13	43
1,967	22,236	3	9,265	3	1,853	4	1.18E+13	1,853
1,968	1,141	4	21,679	3	22,820	3	1.19E+13	1,141
1,969	15	10	150	6	3,459,375	2	1.20E+13	15
1,970	15	10	22,500	3	3,459,375	2	1.20E+13	15
1,971	150	6	225	5	3,459,375	2	1.20E+13	75
1,972	28	9	11,172	3	3,460,184	2	1.20E+13	28
1,973	24	9	3,096,576	2	23,040	3	1.22E+13	24
1,974	336	5	1,680	4	3,499,776	2	1.22E+13	336
1,975	73	7	10,658	3	3,501,153	2	1.23E+13	73
1,976	150	6	984,375	2	1,875	4	1.24E+13	75
1,977	832	4	3,461,120	2	416	5	1.25E+13	416
1,978	28	9	1,176	4	3,534,272	2	1.25E+13	28
1,979	1,862	4	8,379	3	23,275	3	1.26E+13	931
1,980	403	5	1,209	4	3,572,998	2	1.28E+13	403
1,981	360	5	1,620	4	3,596,400	2	1.29E+13	180
1,982	1,898	4	2,190	3	23,506	3	1.30E+13	146
1,983	26	7	3,638,232	2	23,660	3	1.32E+13	26
1,984	75	7	375	4	3,656,250	2	1.34E+13	75
1,985	120	6	1,800	4	3,672,000	2	1.35E+13	120
1,986	304	5	1,824	4	3,696,640	2	1.37E+13	304
1,987	57	7	22,743	3	3,703,860	2	1.37E+13	57
1,988	1,700	4	2,348,125	2	425	5	1.39E+13	425
1,989	1,854	4	12,978	3	24,102	3	1.40E+13	1,854
1,990	108	6	23,328	3	1,944	4	1.43E+13	108
1,991	23,328	3	11,664	3	1,944	4	1.43E+13	1,944
1,992	425	5	850	4	3,793,125	2	1.44E+13	425
1,993	1,872	4	1,460,160	2	156	6	1.44E+13	156
1,994	156	5	3,790,332	2	1,950	4	1.45E+13	78
1,995	1,744	4	17,440	3	24,416	3	1.46E+13	1,744
1,996	17,328	3	3,072,832	2	76	7	1.46E+13	76
1,997	15	7	24,525	3	3,840,750	2	1.48E+13	15
1,998	76	7	384,104	2	24,548	3	1.48E+13	76
1,999	15	11	1,575	4	3,847,500	2	1.48E+13	15
2,000	72	7	2,239,488	2	432	5	1.50E+13	72
2,001	1,647	4	19,764	3	24,705	3	1.51E+13	1,647
2,002	73	7	15,987	3	3,890,170	2	1.51E+13	73
2,003	989	4	24,288	3	24,817	3	1.53E+13	23
2,004	199	5	3,920,499	2	1,990	4	1.57E+13	199
2,005	28	9	2,283,008	2	25,088	3	1.58E+13	28
2,006	285	5	3,736,350	2	1,995	4	1.58E+13	285
2,007	420	5	1,664,775	2	1,995	4	1.58E+13	105

FermatCatalan

2,008	1,983	4	7,271	3	25,118	3	1.58E+13	661
2,009	24,950	3	6,986	3	1,996	4	1.59E+13	998
2,010	20	10	2,400,000	2	2,000	4	1.60E+13	20
2,011	400	5	2,400,000	2	2,000	4	1.60E+13	400
2,012	20,000	3	20,000	3	2,000	4	1.60E+13	2,000
2,013	351	5	22,113	3	25,272	3	1.61E+13	351
2,014	53	7	3,870,802	2	25,281	3	1.62E+13	53
2,015	53	7	3,870,802	2	159	6	1.62E+13	53
2,016	335	5	3,478,975	2	2,010	4	1.63E+13	335
2,017	252	5	3,937,248	2	2,016	4	1.65E+13	252
2,018	440	5	440	4	4,065,600	2	1.65E+13	440
2,019	414	5	1,449	4	4,070,655	2	1.66E+13	207
2,020	435	5	1,015	4	4,078,850	2	1.66E+13	145
2,021	201	5	2,010	4	4,080,501	2	1.67E+13	201
2,022	434	5	1,085	4	4,096,743	2	1.68E+13	217
2,023	135	6	3,280,500	2	2,025	4	1.68E+13	135
2,024	135	6	3,280,500	2	45	8	1.68E+13	45
2,025	18,225	3	3,280,500	2	45	8	1.68E+13	45
2,026	442	4	4,102,644	2	442	5	1.69E+13	442
2,027	1,326	4	3,711,916	2	442	5	1.69E+13	442
2,028	1,666	4	3,027,564	2	442	5	1.69E+13	34
2,029	156	6	1,581,840	2	2,028	4	1.69E+13	156
2,030	6,768	3	4,076,352	2	6	17	1.69E+13	6
2,031	1,981	4	11,886	3	25,753	3	1.71E+13	1,981
2,032	1,755	4	19,710	3	25,785	3	1.71E+13	135
2,033	40	8	3,320,000	2	26,000	3	1.76E+13	40
2,034	2	43	2	43	2,048	4	1.76E+13	2
2,035	2	43	2	43	2	44	1.76E+13	2
2,036	2	43	2	43	16	11	1.76E+13	2
2,037	2	43	2	43	4	22	1.76E+13	2
2,038	2	43	2	43	4,194,304	2	1.76E+13	2
2,039	160	6	960	4	4,198,400	2	1.76E+13	160
2,040	1,538	4	23,070	3	26,146	3	1.79E+13	1,538
2,041	25,382	3	11,662	3	2,058	4	1.79E+13	686
2,042	22,660	3	18,540	3	2,060	4	1.80E+13	2,060
2,043	388	5	1,746	4	4,252,868	2	1.81E+13	194
2,044	24,852	3	14,497	3	2,071	4	1.84E+13	2,071
2,045	392	5	392	5	4,302,592	2	1.85E+13	392
2,046	1,261	4	25,220	3	26,481	3	1.86E+13	1,261
2,047	47	7	4,256,743	2	26,508	3	1.86E+13	47
2,048	308	5	2,002	4	4,340,028	2	1.88E+13	154
2,049	1,808	4	2,860,256	2	452	5	1.89E+13	452
2,050	447	5	1,043,447	2	2,086	4	1.89E+13	149
2,051	5	18	3,906,250	2	5	19	1.91E+13	5
2,052	25	9	3,906,250	2	5	19	1.91E+13	5
2,053	125	6	3,906,250	2	5	19	1.91E+13	5
2,054	15,625	3	3,906,250	2	5	19	1.91E+13	5
2,055	322	5	3,965,913	2	2,093	4	1.92E+13	161
2,056	984	4	4,303,360	2	164	6	1.95E+13	164

FermatCatalan

2,057	2,072	4	10,360	3	26,936	3	1.95E+13	2,072
2,058	260	5	2,080	4	4,461,600	2	1.99E+13	260
2,059	914	4	4,385,829	2	457	5	1.99E+13	457
2,060	72	7	72	7	4,478,976	2	2.01E+13	72
2,061	46	8	876,024	2	27,508	3	2.08E+13	46
2,062	160	6	2,048,000	2	80	7	2.10E+13	80
2,063	25,600	3	2,048,000	2	80	7	2.10E+13	80
2,064	420	5	1,680	4	4,586,400	2	2.10E+13	420
2,065	429	5	2,576,574	2	2,145	4	2.12E+13	429
2,066	80	7	80	6	4,608,000	2	2.12E+13	80
2,067	80	7	6,400	3	4,608,000	2	2.12E+13	80
2,068	448	5	1,344	4	4,616,192	2	2.13E+13	448
2,069	2,133	4	8,532	3	27,729	3	2.13E+13	2,133
2,070	10	13	150	6	4,625,000	2	2.14E+13	10
2,071	10	13	22,500	3	4,625,000	2	2.14E+13	10
2,072	456	5	1,140	4	4,626,576	2	2.14E+13	228
2,073	438	5	1,533	4	4,652,217	2	2.16E+13	219
2,074	55	7	165	6	4,658,500	2	2.17E+13	55
2,075	55	7	27,225	3	4,658,500	2	2.17E+13	55
2,076	2,015	4	18,135	3	28,210	3	2.24E+13	2,015
2,077	2,170	4	6,510	3	28,210	3	2.24E+13	2,170
2,078	468	5	702	4	4,763,772	2	2.27E+13	234
2,079	27,664	3	11,648	3	2,184	4	2.28E+13	728
2,080	303	5	2,121	4	4,774,068	2	2.28E+13	303
2,081	2,189	4	4,378	3	28,457	3	2.30E+13	2,189
2,082	468	5	936	4	4,818,528	2	2.32E+13	468
2,083	72	7	23,652	3	4,823,064	2	2.33E+13	36
2,084	2,196	4	2,196	3	28,548	3	2.33E+13	2,196
2,085	28,574	3	2,198	3	2,198	4	2.33E+13	2,198
2,086	28,665	3	4,410	3	2,205	4	2.36E+13	2,205
2,087	76	7	3,072,832	2	28,880	3	2.41E+13	76
2,088	168	6	1,176	4	4,939,200	2	2.44E+13	168
2,089	28	7	4,939,200	2	29,008	3	2.44E+13	28
2,090	28,912	3	6,672	3	2,224	4	2.45E+13	2,224
2,091	3	20	29,160	3	4,979,799	2	2.48E+13	3
2,092	9	10	29,160	3	4,979,799	2	2.48E+13	9
2,093	82	6	4,962,312	2	82	7	2.49E+13	82
2,094	6,724	3	4,962,312	2	82	7	2.49E+13	82
2,095	71	7	25,205	3	5,010,754	2	2.51E+13	71
2,096	45	8	20,250	3	5,011,875	2	2.51E+13	45
2,097	112	6	4,816,896	2	2,240	4	2.52E+13	112
2,098	26,880	3	17,920	3	2,240	4	2.52E+13	2,240
2,099	1,443	4	4,627,220	2	481	5	2.57E+13	481
2,100	1,924	4	3,470,415	2	481	5	2.57E+13	481
2,101	399	5	1,995	4	5,094,432	2	2.60E+13	399
2,102	29,393	3	9,044	3	2,261	4	2.61E+13	2,261
2,103	465	5	2,118,044	2	2,263	4	2.62E+13	31
2,104	483	5	483	4	5,132,358	2	2.63E+13	483
2,105	485	4	5,174,950	2	485	5	2.68E+13	485

FermatCatalan

2,106	140	6	2,100	4	5,194,000	2	2.70E+13	140
2,107	456	5	2,703,168	2	2,280	4	2.70E+13	456
2,108	162	5	5,196,312	2	486	5	2.71E+13	162
2,109	450	5	1,725	4	5,225,625	2	2.73E+13	75
2,110	147	6	2,058	4	5,294,205	2	2.80E+13	147
2,111	1,899	4	24,687	3	30,384	3	2.81E+13	1,899
2,112	27,648	3	2,654,208	2	48	8	2.82E+13	48
2,113	11	12	29,282	3	5,314,683	2	2.82E+13	11
2,114	1,387	4	29,127	3	30,514	3	2.84E+13	1,387
2,115	2,289	4	9,919	3	30,520	3	2.84E+13	763
2,116	420	5	3,924,900	2	2,310	4	2.85E+13	210
2,117	490	5	735	4	5,342,225	2	2.85E+13	245
2,118	136	6	4,716,480	2	2,312	4	2.86E+13	136
2,119	35	8	5,145,000	2	175	6	2.87E+13	35
2,120	35	8	5,145,000	2	30,625	3	2.87E+13	35
2,121	1,225	4	5,145,000	2	175	6	2.87E+13	175
2,122	2,044	4	22,484	3	30,660	3	2.88E+13	2,044
2,123	30,186	3	11,610	3	2,322	4	2.91E+13	2,322
2,124	25,641	3	23,310	3	2,331	4	2.95E+13	2,331
2,125	2,294	4	12,617	3	30,969	3	2.97E+13	1,147
2,126	360	5	4,892,400	2	2,340	4	3.00E+13	180
2,127	248	5	30,752	3	496	5	3.00E+13	248
2,128	72	7	4,478,976	2	31,104	3	3.01E+13	72
2,129	432	5	432	5	31,104	3	3.01E+13	432
2,130	1,736	4	27,776	3	31,248	3	3.05E+13	1,736
2,131	2,232	4	17,856	3	31,248	3	3.05E+13	2,232
2,132	10	12	5,500,000	2	500	5	3.13E+13	10
2,133	100	6	5,500,000	2	500	5	3.13E+13	100
2,134	1,000	4	5,500,000	2	500	5	3.13E+13	500
2,135	25,000	3	25,000	3	500	5	3.13E+13	500
2,136	396	5	4,704,480	2	2,376	4	3.19E+13	396
2,137	112	6	2,352	4	5,707,520	2	3.26E+13	112
2,138	40	8	5,120,000	2	32,000	3	3.28E+13	40
2,139	800	4	32,000	3	2,400	4	3.32E+13	800
2,140	481	5	2,776,332	2	2,405	4	3.35E+13	481
2,141	354	5	2,301	4	5,795,865	2	3.36E+13	177
2,142	31,369	3	14,478	3	2,413	4	3.39E+13	2,413
2,143	2,160	4	3,499,200	2	180	6	3.40E+13	180
2,144	17	10	5,679,428	2	17	11	3.43E+13	17
2,145	289	5	5,679,428	2	17	11	3.43E+13	17
2,146	5	18	31,250	3	5,859,375	2	3.43E+13	5
2,147	25	9	31,250	3	5,859,375	2	3.43E+13	25
2,148	495	5	1,485	4	5,880,600	2	3.46E+13	495
2,149	442	5	4,249,167	2	2,431	4	3.49E+13	221
2,150	2	44	2	44	2	45	3.52E+13	2
2,151	2	44	2	44	32	9	3.52E+13	2
2,152	2	44	2	44	512	5	3.52E+13	2
2,153	2	44	2	44	8	15	3.52E+13	2
2,154	2	44	2	44	32,768	3	3.52E+13	2

FermatCatalan

2,155	2	44	4	22	2	45	3.52E+13	2
2,156	2	44	4	22	32	9	3.52E+13	2
2,157	2	44	4	22	512	5	3.52E+13	2
2,158	2	44	4	22	8	15	3.52E+13	2
2,159	2	44	4	22	32,768	3	3.52E+13	2
2,160	2	44	16	11	2	45	3.52E+13	2
2,161	2	44	16	11	32	9	3.52E+13	2
2,162	2	44	16	11	512	5	3.52E+13	2
2,163	2	44	16	11	8	15	3.52E+13	2
2,164	2	44	16	11	32,768	3	3.52E+13	2
2,165	2	44	2,048	4	2	45	3.52E+13	2
2,166	2	44	2,048	4	32	9	3.52E+13	2
2,167	2	44	2,048	4	512	5	3.52E+13	2
2,168	2	44	2,048	4	8	15	3.52E+13	2
2,169	2	44	2,048	4	32,768	3	3.52E+13	2
2,170	2	44	4,194,304	2	2	45	3.52E+13	2
2,171	2	44	4,194,304	2	32	9	3.52E+13	2
2,172	2	44	4,194,304	2	512	5	3.52E+13	2
2,173	2	44	4,194,304	2	8	15	3.52E+13	2
2,174	2	44	4,194,304	2	32,768	3	3.52E+13	2
2,175	4	22	4	22	2	45	3.52E+13	2
2,176	4	22	4	22	32	9	3.52E+13	4
2,177	4	22	4	22	512	5	3.52E+13	4
2,178	4	22	4	22	8	15	3.52E+13	4
2,179	4	22	4	22	32,768	3	3.52E+13	4
2,180	4	22	16	11	2	45	3.52E+13	2
2,181	4	22	16	11	32	9	3.52E+13	4
2,182	4	22	16	11	512	5	3.52E+13	4
2,183	4	22	16	11	8	15	3.52E+13	4
2,184	4	22	16	11	32,768	3	3.52E+13	4
2,185	4	22	2,048	4	2	45	3.52E+13	2
2,186	4	22	2,048	4	32	9	3.52E+13	4
2,187	4	22	2,048	4	512	5	3.52E+13	4
2,188	4	22	2,048	4	8	15	3.52E+13	4
2,189	4	22	2,048	4	32,768	3	3.52E+13	4
2,190	4	22	4,194,304	2	2	45	3.52E+13	2
2,191	4	22	4,194,304	2	32	9	3.52E+13	4
2,192	4	22	4,194,304	2	512	5	3.52E+13	4
2,193	4	22	4,194,304	2	8	15	3.52E+13	4
2,194	4	22	4,194,304	2	32,768	3	3.52E+13	4
2,195	16	11	16	11	2	45	3.52E+13	2
2,196	16	11	16	11	32	9	3.52E+13	16
2,197	16	11	16	11	512	5	3.52E+13	16
2,198	16	11	16	11	8	15	3.52E+13	8
2,199	16	11	16	11	32,768	3	3.52E+13	16
2,200	16	11	2,048	4	2	45	3.52E+13	2
2,201	16	11	2,048	4	32	9	3.52E+13	16
2,202	16	11	2,048	4	512	5	3.52E+13	16
2,203	16	11	2,048	4	8	15	3.52E+13	8

FermatCatalan

2,204	16	11	2,048	4	32,768	3	3.52E+13	16
2,205	16	11	4,194,304	2	2	45	3.52E+13	2
2,206	16	11	4,194,304	2	32	9	3.52E+13	16
2,207	16	11	4,194,304	2	512	5	3.52E+13	16
2,208	16	11	4,194,304	2	8	15	3.52E+13	8
2,209	16	11	4,194,304	2	32,768	3	3.52E+13	16
2,210	2,048	4	2,048	4	2	45	3.52E+13	2
2,211	2,048	4	2,048	4	32	9	3.52E+13	32
2,212	2,048	4	2,048	4	512	5	3.52E+13	512
2,213	2,048	4	2,048	4	8	15	3.52E+13	8
2,214	2,048	4	2,048	4	32,768	3	3.52E+13	2,048
2,215	2,048	4	4,194,304	2	2	45	3.52E+13	2
2,216	2,048	4	4,194,304	2	32	9	3.52E+13	32
2,217	2,048	4	4,194,304	2	512	5	3.52E+13	512
2,218	2,048	4	4,194,304	2	8	15	3.52E+13	8
2,219	28,672	3	3,407,872	2	2	45	3.52E+13	2
2,220	28,672	3	3,407,872	2	32	9	3.52E+13	32
2,221	28,672	3	3,407,872	2	8	15	3.52E+13	8
2,222	13	11	507	5	5,940,688	2	3.53E+13	13
2,223	165	6	1,980	4	5,962,275	2	3.55E+13	165
2,224	507	5	13,182	3	32,955	3	3.58E+13	507
2,225	46	8	25,392	3	6,034,832	2	3.64E+13	46
2,226	182	5	6,020,287	2	2,457	4	3.64E+13	91
2,227	29,484	3	22,113	3	2,457	4	3.64E+13	2,457
2,228	32,994	3	8,073	3	2,457	4	3.64E+13	351
2,229	473	5	1,892	4	6,040,683	2	3.65E+13	473
2,230	513	5	1,026	4	6,052,887	2	3.66E+13	513
2,231	220	5	6,028,704	2	2,464	4	3.69E+13	44
2,232	450	5	450	5	6,075,000	2	3.69E+13	450
2,233	385	5	2,310	4	6,077,225	2	3.69E+13	385
2,234	32,960	3	11,536	3	2,472	4	3.73E+13	824
2,235	39	7	6,109,857	2	33,462	3	3.75E+13	39
2,236	33,426	3	6,190	3	2,476	4	3.76E+13	1,238
2,237	2,451	4	11,438	3	33,497	3	3.76E+13	817
2,238	80	7	160	6	6,144,000	2	3.77E+13	80
2,239	80	7	25,600	3	6,144,000	2	3.77E+13	80
2,240	7	15	49	8	33,614	3	3.80E+13	7
2,241	7	15	2,401	4	33,614	3	3.80E+13	7
2,242	7	15	5,764,801	2	33,614	3	3.80E+13	7
2,243	7	16	7	15	33,614	3	3.80E+13	7
2,244	7	16	343	5	33,614	3	3.80E+13	7
2,245	7	16	16,807	3	33,614	3	3.80E+13	7
2,246	49	8	343	5	33,614	3	3.80E+13	49
2,247	49	8	16,807	3	33,614	3	3.80E+13	49
2,248	343	5	2,401	4	33,614	3	3.80E+13	343
2,249	2,401	4	16,807	3	33,614	3	3.80E+13	2,401
2,250	33,616	3	2,865	3	2,483	4	3.80E+13	191
2,251	1,566	4	5,722,164	2	522	5	3.88E+13	522
2,252	6	14	34,020	3	6,281,064	2	3.95E+13	6

FermatCatalan

2,253	36	7	34,020	3	6,281,064	2	3.95E+13	36
2,254	2	42	8	15	6,291,456	2	3.96E+13	2
2,255	2	42	32	9	6,291,456	2	3.96E+13	2
2,256	2	42	512	5	6,291,456	2	3.96E+13	2
2,257	2	42	32,768	3	6,291,456	2	3.96E+13	2
2,258	2	45	2	42	6,291,456	2	3.96E+13	2
2,259	2	45	4	21	6,291,456	2	3.96E+13	2
2,260	2	45	8	14	6,291,456	2	3.96E+13	2
2,261	2	45	64	7	6,291,456	2	3.96E+13	2
2,262	2	45	128	6	6,291,456	2	3.96E+13	2
2,263	2	45	16,384	3	6,291,456	2	3.96E+13	2
2,264	4	21	8	15	6,291,456	2	3.96E+13	4
2,265	4	21	32	9	6,291,456	2	3.96E+13	4
2,266	4	21	512	5	6,291,456	2	3.96E+13	4
2,267	4	21	32,768	3	6,291,456	2	3.96E+13	4
2,268	8	14	32	9	6,291,456	2	3.96E+13	8
2,269	8	14	512	5	6,291,456	2	3.96E+13	8
2,270	8	14	32,768	3	6,291,456	2	3.96E+13	8
2,271	8	15	8	14	6,291,456	2	3.96E+13	8
2,272	8	15	64	7	6,291,456	2	3.96E+13	8
2,273	8	15	128	6	6,291,456	2	3.96E+13	8
2,274	8	15	16,384	3	6,291,456	2	3.96E+13	8
2,275	32	9	64	7	6,291,456	2	3.96E+13	32
2,276	32	9	128	6	6,291,456	2	3.96E+13	32
2,277	32	9	16,384	3	6,291,456	2	3.96E+13	32
2,278	64	7	512	5	6,291,456	2	3.96E+13	64
2,279	64	7	32,768	3	6,291,456	2	3.96E+13	64
2,280	128	6	512	5	6,291,456	2	3.96E+13	128
2,281	34,125	3	5,250	3	525	5	3.99E+13	525
2,282	504	5	2,794,176	2	2,520	4	4.03E+13	504
2,283	135	6	2,430	4	6,396,975	2	4.09E+13	135
2,284	88	7	176	5	528	5	4.10E+13	88
2,285	528	5	528	4	6,412,032	2	4.11E+13	528
2,286	33,020	3	17,780	3	2,540	4	4.16E+13	2,540
2,287	530	4	6,460,700	2	530	5	4.18E+13	530
2,288	15	11	5,799,375	2	2,550	4	4.23E+13	15
2,289	528	5	264	5	34,848	3	4.23E+13	264
2,290	63	7	33,777	3	6,517,260	2	4.25E+13	9
2,291	1,519	4	33,418	3	34,937	3	4.26E+13	1,519
2,292	73	7	31,974	3	6,613,289	2	4.37E+13	73
2,293	33,363	3	18,909	3	2,574	4	4.39E+13	99
2,294	178	6	3,524,845	2	89	7	4.42E+13	89
2,295	15,842	3	6,344,721	2	89	7	4.42E+13	89
2,296	31,684	3	3,524,845	2	89	7	4.42E+13	89
2,297	2,528	4	15,168	3	35,392	3	4.43E+13	2,528
2,298	432	5	31,104	3	2,592	4	4.51E+13	432
2,299	2,375	4	23,750	3	35,625	3	4.52E+13	2,375
2,300	6,534	3	6,792,093	2	33	9	4.64E+13	33
2,301	528	5	352	5	6,814,720	2	4.64E+13	176

FermatCatalan

2,302	84	7	4,170,880	2	36,064	3	4.69E+13	28
2,303	525	5	2,756,250	2	2,625	4	4.75E+13	525
2,304	376	5	6,361,920	2	2,632	4	4.80E+13	376
2,305	1,090	4	6,831,575	2	545	5	4.81E+13	545
2,306	2,180	4	5,049,425	2	545	5	4.81E+13	545
2,307	35,998	3	11,414	3	2,634	4	4.81E+13	878
2,308	2,619	4	13,095	3	36,666	3	4.93E+13	2,619
2,309	241	5	6,969,720	2	2,651	4	4.94E+13	241
2,310	2,169	4	30,366	3	36,873	3	5.01E+13	2,169
2,311	29,282	3	29,282	3	2,662	4	5.02E+13	2,662
2,312	464	5	2,320	4	7,104,768	2	5.05E+13	464
2,313	1,946	4	33,082	3	36,974	3	5.05E+13	1,946
2,314	540	5	1,485	4	7,125,975	2	5.08E+13	135
2,315	182	6	24,843	3	91	7	5.17E+13	91
2,316	24,843	3	6,028,568	2	91	7	5.17E+13	91
2,317	33,124	3	24,843	3	91	7	5.17E+13	91
2,318	3	25	2,673	4	7,203,978	2	5.19E+13	3
2,319	243	5	2,673	4	7,203,978	2	5.19E+13	243
2,320	2,680	4	10,720	3	37,520	3	5.28E+13	2,680
2,321	522	5	3,761,793	2	2,697	4	5.29E+13	87
2,322	47	8	5,398,796	2	37,553	3	5.30E+13	47
2,323	23	9	7,154,196	2	37,559	3	5.30E+13	23
2,324	180	6	4,374,000	2	2,700	4	5.31E+13	180
2,325	2,328	4	4,892,680	2	194	6	5.33E+13	194
2,326	35,217	3	21,672	3	2,709	4	5.39E+13	2,709
2,327	279	5	7,239,213	2	558	5	5.41E+13	279
2,328	2,368	4	28,416	3	37,888	3	5.44E+13	2,368
2,329	544	5	1,632	4	7,398,400	2	5.47E+13	544
2,330	544	5	1,632	4	2,720	4	5.47E+13	544
2,331	544	5	2,663,424	2	2,720	4	5.47E+13	544
2,332	2,717	4	8,151	3	38,038	3	5.50E+13	2,717
2,333	32,736	3	27,280	3	2,728	4	5.54E+13	2,728
2,334	455	5	6,003,725	2	2,730	4	5.55E+13	455
2,335	161	6	6,221,040	2	2,737	4	5.61E+13	161
2,336	2,736	4	5,472	3	38,304	3	5.62E+13	2,736
2,337	2,743	4	2,743	3	38,402	3	5.66E+13	2,743
2,338	560	5	1,120	4	7,526,400	2	5.66E+13	560
2,339	38,430	3	2,745	3	2,745	4	5.68E+13	2,745
2,340	564	5	282	4	7,554,780	2	5.71E+13	282
2,341	38,528	3	5,504	3	2,752	4	5.74E+13	2,752
2,342	1,695	4	7,022,950	2	565	5	5.76E+13	565
2,343	38,794	3	8,313	3	2,771	4	5.90E+13	2,771
2,344	42	8	37,044	3	7,779,240	2	6.05E+13	42
2,345	92	7	16,928	3	7,786,880	2	6.06E+13	92
2,346	528	5	2,112	4	7,805,952	2	6.09E+13	528
2,347	2,184	4	33,904	3	39,520	3	6.17E+13	104
2,348	561	5	2,517,768	2	2,805	4	6.19E+13	561
2,349	89	7	4,229,814	2	39,605	3	6.21E+13	89
2,350	39,312	3	11,232	3	2,808	4	6.22E+13	2,808

FermatCatalan

2,351	2,646	4	23,814	3	39,690	3	6.25E+13	2,646
2,352	1,657	4	38,111	3	39,768	3	6.29E+13	1,657
2,353	575	5	575	4	7,935,000	2	6.30E+13	575
2,354	3	26	39,366	3	7,971,615	2	6.35E+13	3
2,355	9	13	39,366	3	7,971,615	2	6.35E+13	9
2,356	577	4	7,990,296	2	577	5	6.40E+13	577
2,357	2,793	4	14,896	3	40,033	3	6.42E+13	931
2,358	2,774	4	18,031	3	40,223	3	6.51E+13	1,387
2,359	71	7	7,516,131	2	40,328	3	6.56E+13	71
2,360	2,320	4	6,055,200	2	580	5	6.56E+13	580
2,361	579	5	965	4	8,120,282	2	6.59E+13	193
2,362	15	8	40,500	3	8,150,625	2	6.64E+13	15
2,363	95	6	2,850	4	8,167,625	2	6.67E+13	95
2,364	53	8	16,854	3	8,188,235	2	6.70E+13	53
2,365	549	5	25,803	3	40,626	3	6.71E+13	549
2,366	40,166	3	14,345	3	2,869	4	6.78E+13	2,869
2,367	3	27	39,366	3	3	29	6.86E+13	3
2,368	27	9	39,366	3	3	29	6.86E+13	3
2,369	39,366	3	19,683	3	3	29	6.86E+13	3
2,370	24	10	2,322,432	2	2,880	4	6.88E+13	24
2,371	320	5	8,089,600	2	2,880	4	6.88E+13	320
2,372	576	5	2,322,432	2	2,880	4	6.88E+13	576
2,373	33	9	2,178	4	8,301,447	2	6.89E+13	33
2,374	34	9	1,734	4	8,352,100	2	6.98E+13	34
2,375	34	9	1,734	4	2,890	4	6.98E+13	34
2,376	34	9	3,006,756	2	2,890	4	6.98E+13	34
2,377	1,734	4	39,304	3	2,890	4	6.98E+13	578
2,378	41,160	3	8,232	3	588	5	7.03E+13	588
2,379	588	5	294	4	8,384,292	2	7.03E+13	294
2,380	2	45	2	45	2	46	7.04E+13	2
2,381	2	45	2	45	8,388,608	2	7.04E+13	2
2,382	2	45	2	45	4	23	7.04E+13	2
2,383	2	45	8	15	2	46	7.04E+13	2
2,384	2	45	8	15	8,388,608	2	7.04E+13	2
2,385	2	45	8	15	4	23	7.04E+13	2
2,386	2	45	32	9	2	46	7.04E+13	2
2,387	2	45	32	9	8,388,608	2	7.04E+13	2
2,388	2	45	32	9	4	23	7.04E+13	2
2,389	2	45	512	5	2	46	7.04E+13	2
2,390	2	45	512	5	8,388,608	2	7.04E+13	2
2,391	2	45	512	5	4	23	7.04E+13	2
2,392	2	45	32,768	3	2	46	7.04E+13	2
2,393	2	45	32,768	3	8,388,608	2	7.04E+13	2
2,394	2	45	32,768	3	4	23	7.04E+13	2
2,395	8	15	8	15	2	46	7.04E+13	2
2,396	8	15	8	15	8,388,608	2	7.04E+13	8
2,397	8	15	8	15	4	23	7.04E+13	4
2,398	8	15	32	9	2	46	7.04E+13	2
2,399	8	15	32	9	8,388,608	2	7.04E+13	8

FermatCatalan

2,400	8	15	32	9	4	23	7.04E+13	4
2,401	8	15	512	5	2	46	7.04E+13	2
2,402	8	15	512	5	8,388,608	2	7.04E+13	8
2,403	8	15	512	5	4	23	7.04E+13	4
2,404	8	15	32,768	3	2	46	7.04E+13	2
2,405	8	15	32,768	3	8,388,608	2	7.04E+13	8
2,406	8	15	32,768	3	4	23	7.04E+13	4
2,407	32	9	32	9	2	46	7.04E+13	2
2,408	32	9	32	9	8,388,608	2	7.04E+13	32
2,409	32	9	32	9	4	23	7.04E+13	4
2,410	32	9	512	5	2	46	7.04E+13	2
2,411	32	9	512	5	8,388,608	2	7.04E+13	32
2,412	32	9	512	5	4	23	7.04E+13	4
2,413	32	9	32,768	3	2	46	7.04E+13	2
2,414	32	9	32,768	3	8,388,608	2	7.04E+13	32
2,415	32	9	32,768	3	4	23	7.04E+13	4
2,416	512	5	512	5	2	46	7.04E+13	2
2,417	512	5	512	5	8,388,608	2	7.04E+13	512
2,418	512	5	512	5	4	23	7.04E+13	4
2,419	512	5	32,768	3	2	46	7.04E+13	2
2,420	512	5	32,768	3	4	23	7.04E+13	4
2,421	32,768	3	32,768	3	2	46	7.04E+13	2
2,422	32,768	3	32,768	3	4	23	7.04E+13	4
2,423	6	11	8,456,616	2	41,508	3	7.15E+13	6
2,424	18	11	2,834,352	2	54	8	7.23E+13	18
2,425	18	11	2,834,352	2	2,916	4	7.23E+13	18
2,426	1,184	4	8,411,136	2	592	5	7.27E+13	592
2,427	588	5	13,524	3	41,748	3	7.28E+13	588
2,428	38,038	3	26,334	3	2,926	4	7.33E+13	2,926
2,429	589	5	2,081,526	2	2,945	4	7.52E+13	589
2,430	105	6	2,940	4	8,720,775	2	7.61E+13	105
2,431	594	5	297	5	8,732,691	2	7.63E+13	297
2,432	41,440	3	17,760	3	2,960	4	7.68E+13	2,960
2,433	45	7	8,748,000	2	42,525	3	7.69E+13	45
2,434	200	5	8,800,000	2	600	5	7.78E+13	200
2,435	408	5	2,856	4	8,822,592	2	7.78E+13	408
2,436	6	15	8,817,984	2	42,768	3	7.82E+13	6
2,437	72	7	8,258,112	2	42,768	3	7.82E+13	72
2,438	48	8	192	6	8,847,360	2	7.83E+13	48
2,439	48	8	36,864	3	8,847,360	2	7.83E+13	48
2,440	192	6	2,304	4	8,847,360	2	7.83E+13	192
2,441	1,456	4	42,016	3	42,848	3	7.87E+13	208
2,442	2,863	4	22,904	3	42,945	3	7.92E+13	2,863
2,443	153	6	2,856	4	8,908,425	2	7.94E+13	51
2,444	328	5	2,952	4	8,929,472	2	7.97E+13	328
2,445	7	16	36,015	3	8,941,324	2	7.99E+13	7
2,446	49	8	36,015	3	8,941,324	2	7.99E+13	49
2,447	12	12	41,472	3	8,957,952	2	8.02E+13	12
2,448	42,914	3	10,978	3	2,994	4	8.04E+13	998

FermatCatalan

2,449	375	5	8,578,125	2	3,000	4	8.10E+13	375
2,450	600	5	1,800,000	2	3,000	4	8.10E+13	600
2,451	35	8	42,875	3	9,003,750	2	8.11E+13	35
2,452	35	9	35	8	9,003,750	2	8.11E+13	35
2,453	35	9	1,225	4	9,003,750	2	8.11E+13	35
2,454	11	11	605	5	9,018,856	2	8.13E+13	11
2,455	2,168	4	39,024	3	43,360	3	8.15E+13	2,168
2,456	2,973	4	16,847	3	43,604	3	8.29E+13	991
2,457	94	7	26,508	3	9,136,424	2	8.35E+13	94
2,458	9,196	3	9,108,033	2	55	8	8.37E+13	11
2,459	18,150	3	8,817,875	2	55	8	8.37E+13	55
2,460	30,250	3	7,486,875	2	55	8	8.37E+13	55
2,461	1,830	4	8,558,300	2	610	5	8.45E+13	610
2,462	468	5	2,808	4	9,199,008	2	8.46E+13	468
2,463	28	9	8,605,184	2	43,904	3	8.46E+13	28
2,464	595	5	1,785	4	9,204,650	2	8.47E+13	595
2,465	11	13	2,662	4	43,923	3	8.47E+13	11
2,466	11	13	7,086,244	2	43,923	3	8.47E+13	11
2,467	26	9	8,911,032	2	43,940	3	8.48E+13	26
2,468	28	8	43,904	3	9,219,840	2	8.50E+13	28
2,469	210	5	9,249,975	2	3,045	4	8.60E+13	105
2,470	210	6	452,025	2	3,045	4	8.60E+13	105
2,471	609	5	1,218	4	3,045	4	8.60E+13	609
2,472	609	5	1,218	4	9,272,025	2	8.60E+13	609
2,473	609	5	1,483,524	2	3,045	4	8.60E+13	609
2,474	2,457	4	36,855	3	44,226	3	8.65E+13	2,457
2,475	388	5	42,680	3	44,232	3	8.65E+13	388
2,476	2,765	4	30,415	3	44,240	3	8.66E+13	2,765
2,477	44,254	3	4,578	3	3,052	4	8.68E+13	1,526
2,478	7	15	9,058,973	2	98	7	8.68E+13	7
2,479	343	5	9,058,973	2	98	7	8.68E+13	49
2,480	16,807	3	9,058,973	2	98	7	8.68E+13	49
2,481	36,708	3	33,649	3	3,059	4	8.76E+13	3,059
2,482	2	45	7,340,032	2	3,072	4	8.91E+13	2
2,483	8	15	7,340,032	2	3,072	4	8.91E+13	8
2,484	32	9	7,340,032	2	3,072	4	8.91E+13	32
2,485	512	5	7,340,032	2	3,072	4	8.91E+13	512
2,486	2,468	4	7,233,091	2	617	5	8.94E+13	617
2,487	616	5	1,138,368	2	3,080	4	9.00E+13	616
2,488	98	7	2,000,033	2	3,087	4	9.08E+13	49
2,489	147	6	43,218	3	3,087	4	9.08E+13	147
2,490	43,218	3	21,609	3	3,087	4	9.08E+13	3,087
2,491	1,801	4	43,224	3	45,025	3	9.13E+13	1,801
2,492	3	29	3	28	9,565,938	2	9.15E+13	3
2,493	3	29	9	14	9,565,938	2	9.15E+13	3
2,494	3	29	81	7	9,565,938	2	9.15E+13	3
2,495	3	29	2,187	4	9,565,938	2	9.15E+13	3
2,496	531	5	2,655	4	9,586,674	2	9.19E+13	531
2,497	621	5	771,282	2	3,105	4	9.29E+13	621

FermatCatalan

2,498	3,032	4	21,224	3	45,480	3	9.41E+13	3,032
2,499	99	7	99	6	9,702,990	2	9.41E+13	99
2,500	99	7	9,801	3	9,702,990	2	9.41E+13	99
2,501	624	5	624	4	9,734,400	2	9.48E+13	624
2,502	624	5	624	4	3,120	4	9.48E+13	624
2,503	624	5	389,376	2	3,120	4	9.48E+13	624
2,504	552	5	6,669,632	2	3,128	4	9.57E+13	184
2,505	626	4	9,796,900	2	626	5	9.61E+13	626
2,506	3,130	4	626	4	626	5	9.61E+13	626
2,507	3,130	4	391,876	2	626	5	9.61E+13	626
2,508	510	5	2,805	4	9,818,775	2	9.64E+13	255
2,509	3	29	5,314,410	2	45,927	3	9.69E+13	3
2,510	406	5	3,045	4	9,848,951	2	9.70E+13	203
2,511	52	8	6,608,576	2	45,968	3	9.71E+13	52
2,512	2,716	4	35,308	3	46,172	3	9.84E+13	2,716
2,513	3,145	4	791,282	2	629	5	9.85E+13	629
2,514	585	5	2,340	4	9,924,525	2	9.85E+13	585
2,515	17	11	578	5	9,938,999	2	9.88E+13	17
2,516	200	6	6,000,000	2	10	14	1.00E+14	10
2,517	200	6	6,000,000	2	100	7	1.00E+14	100
2,518	37,500	3	6,875,000	2	10	14	1.00E+14	10
2,519	37,500	3	6,875,000	2	100	7	1.00E+14	100
2,520	40,000	3	6,000,000	2	10	14	1.00E+14	10
2,521	40,000	3	6,000,000	2	100	7	1.00E+14	100
2,522	624	5	1,560	4	10,026,432	2	1.01E+14	312
2,523	211	6	422	5	633	5	1.02E+14	211
2,524	422	5	44,521	3	633	5	1.02E+14	211
2,525	422	5	9,393,931	2	633	5	1.02E+14	211
2,526	633	5	844	4	10,106,267	2	1.02E+14	211
2,527	3,170	4	1,205,868	2	634	5	1.02E+14	634
2,528	5	16	46,875	3	10,156,250	2	1.03E+14	5
2,529	25	8	46,875	3	10,156,250	2	1.03E+14	25
2,530	46,816	3	10,640	3	3,192	4	1.04E+14	1,064
2,531	41,561	3	31,970	3	3,197	4	1.04E+14	3,197
2,532	2	33	47,104	3	10,223,616	2	1.05E+14	2
2,533	8	11	47,104	3	10,223,616	2	1.05E+14	8
2,534	582	5	6,181,713	2	3,201	4	1.05E+14	291
2,535	564	5	2,632	4	10,249,760	2	1.05E+14	188
2,536	10	14	1,500	4	10,250,000	2	1.05E+14	10
2,537	100	7	1,500	4	10,250,000	2	1.05E+14	100
2,538	3,159	4	18,954	3	47,385	3	1.06E+14	3,159
2,539	41,472	3	5,971,968	2	12	13	1.07E+14	12
2,540	393	5	3,144	4	10,348,083	2	1.07E+14	393
2,541	101	6	10,303,010	2	101	7	1.07E+14	101
2,542	10,201	3	10,303,010	2	101	7	1.07E+14	101
2,543	1,282	4	10,272,025	2	641	5	1.08E+14	641
2,544	3,205	4	1,282	4	641	5	1.08E+14	641
2,545	3,205	4	1,643,524	2	641	5	1.08E+14	641
2,546	6	17	9,657,792	2	3,240	4	1.10E+14	6

FermatCatalan

2,547	6	18	2,939,328	2	3,240	4	1.10E+14	6
2,548	36	9	2,939,328	2	3,240	4	1.10E+14	36
2,549	216	6	2,939,328	2	3,240	4	1.10E+14	216
2,550	2,628	4	7,913,565	2	219	6	1.10E+14	219
2,551	98	7	28,812	3	48,020	3	1.11E+14	98
2,552	38,988	3	7,222,527	2	57	8	1.11E+14	57
2,553	434	5	9,841,601	2	3,255	4	1.12E+14	217
2,554	465	5	9,513,900	2	3,255	4	1.12E+14	465
2,555	45,584	3	26,048	3	3,256	4	1.12E+14	3,256
2,556	44	8	9,966,528	2	48,400	3	1.13E+14	44
2,557	44	8	9,966,528	2	220	6	1.13E+14	44
2,558	1,936	4	9,966,528	2	220	6	1.13E+14	44
2,559	620	5	2,170	4	10,667,100	2	1.14E+14	310
2,560	6	18	23,328	3	648	5	1.14E+14	6
2,561	36	9	23,328	3	648	5	1.14E+14	36
2,562	216	6	23,328	3	648	5	1.14E+14	216
2,563	46,656	3	23,328	3	648	5	1.14E+14	648
2,564	3,250	4	16,250	3	48,750	3	1.16E+14	3,250
2,565	3,250	4	2,112,500	2	650	5	1.16E+14	650
2,566	45,847	3	4,485,786	2	19	11	1.16E+14	19
2,567	600	5	6,390,000	2	3,300	4	1.19E+14	300
2,568	2	43	10,485,760	2	49,152	3	1.19E+14	2
2,569	55	8	33,275	3	10,980,750	2	1.21E+14	55
2,570	2,624	4	8,606,720	2	656	5	1.21E+14	656
2,571	3,096	4	30,960	3	49,536	3	1.22E+14	3,096
2,572	656	5	164	5	11,027,360	2	1.22E+14	164
2,573	468	5	3,159	4	11,047,023	2	1.22E+14	117
2,574	415	5	3,237	4	11,049,956	2	1.22E+14	83
2,575	1,971	4	10,359,576	2	657	5	1.22E+14	657
2,576	3,311	4	13,244	3	49,665	3	1.23E+14	3,311
2,577	91	7	41,405	3	49,686	3	1.23E+14	91
2,578	650	5	1,625	4	11,090,625	2	1.23E+14	325
2,579	658	5	987	4	11,148,823	2	1.24E+14	329
2,580	10	14	5,000,000	2	50,000	3	1.25E+14	10
2,581	100	7	5,000,000	2	50,000	3	1.25E+14	100
2,582	3,305	4	2,621,526	2	661	5	1.26E+14	661
2,583	3,348	4	10,044	3	50,220	3	1.27E+14	3,348
2,584	660	5	1,320	4	11,325,600	2	1.28E+14	660
2,585	2,402	4	45,638	3	50,442	3	1.28E+14	2,402
2,586	18	11	18	11	11,337,408	2	1.29E+14	18
2,587	648	5	1,944	4	11,337,408	2	1.29E+14	648
2,588	3,367	4	6,734	3	50,505	3	1.29E+14	3,367
2,589	598	5	2,691	4	11,353,927	2	1.29E+14	299
2,590	578	5	578	5	11,358,856	2	1.29E+14	578
2,591	3,374	4	3,374	3	50,610	3	1.30E+14	3,374
2,592	50,640	3	3,376	3	3,376	4	1.30E+14	3,376
2,593	37	8	11,244,966	2	37	9	1.30E+14	37
2,594	37	8	11,244,966	2	50,653	3	1.30E+14	37
2,595	1,369	4	11,244,966	2	37	9	1.30E+14	37

FermatCatalan

2,596	42	8	49,392	3	11,409,552	2	1.30E+14	42
2,597	1,951	4	48,775	3	50,726	3	1.31E+14	1,951
2,598	50,745	3	6,766	3	3,383	4	1.31E+14	3,383
2,599	548	5	3,014	4	11,486,628	2	1.32E+14	274
2,600	7	15	50,421	3	11,529,602	2	1.33E+14	7
2,601	1,554	4	50,330	3	51,086	3	1.33E+14	14
2,602	37	9	15,059	3	11,548,884	2	1.33E+14	37
2,603	567	5	8,680,203	2	3,402	4	1.34E+14	567
2,604	51,030	3	10,206	3	3,402	4	1.34E+14	3,402
2,605	3,302	4	24,765	3	51,181	3	1.34E+14	1,651
2,606	3,351	4	21,223	3	51,382	3	1.36E+14	1,117
2,607	43,615	3	37,576	3	671	5	1.36E+14	671
2,608	568	5	2,982	4	11,755,612	2	1.38E+14	142
2,609	3,402	4	16,767	3	51,759	3	1.39E+14	243
2,610	3,370	4	3,179,932	2	674	5	1.39E+14	674
2,611	192	6	3,072	4	11,796,480	2	1.39E+14	192
2,612	51,585	3	13,756	3	3,439	4	1.40E+14	3,439
2,613	675	5	675	4	11,846,250	2	1.40E+14	675
2,614	287	5	11,778,767	2	3,444	4	1.41E+14	287
2,615	648	5	2,268	4	11,862,288	2	1.41E+14	324
2,616	2	46	2	46	2	47	1.41E+14	2
2,617	2	46	4	23	2	47	1.41E+14	2
2,618	2	46	8,388,608	2	2	47	1.41E+14	2
2,619	4	23	4	23	2	47	1.41E+14	2
2,620	4	23	8,388,608	2	2	47	1.41E+14	2
2,621	677	4	11,916,554	2	677	5	1.42E+14	677
2,622	12	13	5,971,968	2	3,456	4	1.43E+14	12
2,623	41,472	3	41,472	3	3,456	4	1.43E+14	3,456
2,624	46,530	3	35,145	3	3,465	4	1.44E+14	495
2,625	54	8	54	8	52,488	3	1.45E+14	54
2,626	54	8	2,916	4	52,488	3	1.45E+14	54
2,627	54	8	8,503,056	2	52,488	3	1.45E+14	54
2,628	2,916	4	2,916	4	52,488	3	1.45E+14	2,916
2,629	2,763	4	44,208	3	52,497	3	1.45E+14	2,763
2,630	48,622	3	31,257	3	3,473	4	1.45E+14	3,473
2,631	43,425	3	39,951	3	3,474	4	1.46E+14	1,737
2,632	26	9	676	5	52,728	3	1.47E+14	26
2,633	26	9	11,881,376	2	52,728	3	1.47E+14	26
2,634	26	10	26	9	52,728	3	1.47E+14	26
2,635	26	10	17,576	3	52,728	3	1.47E+14	26
2,636	676	5	17,576	3	52,728	3	1.47E+14	676
2,637	17	10	3,468	4	12,110,545	2	1.47E+14	17
2,638	289	5	3,468	4	12,110,545	2	1.47E+14	289
2,639	87	7	10,536,048	2	52,983	3	1.49E+14	87
2,640	52,500	3	17,500	3	3,500	4	1.50E+14	3,500
2,641	684	5	1,026	4	12,281,220	2	1.51E+14	342
2,642	7	14	686	5	12,353,145	2	1.53E+14	7
2,643	49	7	686	5	12,353,145	2	1.53E+14	49
2,644	11	9	12,410,244	2	53,603	3	1.54E+14	11

FermatCatalan

2,645	644	5	2,576	4	12,442,080	2	1.55E+14	644
2,646	45,864	3	38,808	3	3,528	4	1.55E+14	3,528
2,647	3,445	4	3,797,768	2	689	5	1.55E+14	689
2,648	3,367	4	30,303	3	53,872	3	1.56E+14	3,367
2,649	360	5	3,510	4	12,563,100	2	1.58E+14	90
2,650	2	47	2	44	12,582,912	2	1.58E+14	2
2,651	2	47	4	22	12,582,912	2	1.58E+14	2
2,652	2	47	16	11	12,582,912	2	1.58E+14	2
2,653	2	47	2,048	4	12,582,912	2	1.58E+14	2
2,654	1,384	4	12,450,464	2	692	5	1.59E+14	692
2,655	3,185	4	38,220	3	54,145	3	1.59E+14	3,185
2,656	600	5	3,000	4	12,600,000	2	1.59E+14	600
2,657	95	7	9,431,125	2	54,150	3	1.59E+14	95
2,658	630	5	2,835	4	12,800,025	2	1.64E+14	315
2,659	2,788	4	10,201,989	2	697	5	1.64E+14	697
2,660	53,865	3	21,546	3	3,591	4	1.66E+14	3,591
2,661	1,800	4	54,000	3	60	8	1.68E+14	60
2,662	1,800	4	54,000	3	3,600	4	1.68E+14	1,800
2,663	54,000	3	3,240,000	2	60	8	1.68E+14	60
2,664	466	5	3,495	4	13,083,649	2	1.71E+14	233
2,665	48,843	3	37,989	3	3,618	4	1.71E+14	1,809
2,666	648	5	7,558,272	2	108	7	1.71E+14	108
2,667	23,328	3	12,597,120	2	108	7	1.71E+14	108
2,668	34,992	3	11,337,408	2	108	7	1.71E+14	108
2,669	3,088	4	43,232	3	55,584	3	1.72E+14	3,088
2,670	3,549	4	23,660	3	55,601	3	1.72E+14	1,183
2,671	55,568	3	9,664	3	3,624	4	1.72E+14	1,208
2,672	553	5	3,318	4	13,149,787	2	1.73E+14	553
2,673	98	7	98	7	13,176,688	2	1.74E+14	98
2,674	705	5	470	4	13,198,775	2	1.74E+14	235
2,675	700	5	1,575	4	13,199,375	2	1.74E+14	175
2,676	80	7	3,520	4	13,209,600	2	1.74E+14	80
2,677	624	5	2,990	4	13,211,068	2	1.75E+14	26
2,678	18	10	108	7	13,226,976	2	1.75E+14	18
2,679	108	7	324	5	13,226,976	2	1.75E+14	108
2,680	2,118	4	12,460,900	2	706	5	1.75E+14	706
2,681	3,530	4	2,118	4	706	5	1.75E+14	706
2,682	3,530	4	4,485,924	2	706	5	1.75E+14	706
2,683	486	5	12,223,143	2	3,645	4	1.77E+14	243
2,684	55	8	45,375	3	13,310,000	2	1.77E+14	55
2,685	56	7	13,346,816	2	56,448	3	1.80E+14	56
2,686	75	7	13,062,500	2	56,875	3	1.84E+14	25
2,687	2,107	4	54,782	3	56,889	3	1.84E+14	2,107
2,688	26	8	13,584,051	2	56,953	3	1.85E+14	13
2,689	180	6	12,303,900	2	3,690	4	1.85E+14	90
2,690	713	5	1,426	4	13,725,963	2	1.88E+14	713
2,691	3,584	4	28,672	3	57,344	3	1.89E+14	3,584
2,692	55,770	3	26,026	3	3,718	4	1.91E+14	3,718
2,693	2,880	4	11,059,200	2	240	6	1.91E+14	240

FermatCatalan

2,694	703	5	2,109	4	13,837,852	2	1.91E+14	703
2,695	240	5	13,809,600	2	3,720	4	1.92E+14	120
2,696	620	5	9,994,400	2	3,720	4	1.92E+14	620
2,697	57,722	3	1,862	3	3,724	4	1.92E+14	1,862
2,698	110	7	5,900	3	13,967,000	2	1.95E+14	10
2,699	52,416	3	37,440	3	3,744	4	1.96E+14	3,744
2,700	723	5	241	4	14,055,602	2	1.98E+14	241
2,701	2,648	4	52,960	3	58,256	3	1.98E+14	2,648
2,702	3,625	4	5,256,250	2	725	5	2.00E+14	725
2,703	242	5	58,564	3	726	5	2.02E+14	242
2,704	242	5	14,172,488	2	726	5	2.02E+14	242
2,705	242	6	242	5	726	5	2.02E+14	242
2,706	728	5	728	4	14,309,568	2	2.05E+14	728
2,707	40	8	14,080,000	2	20	11	2.05E+14	20
2,708	1,600	4	14,080,000	2	20	11	2.05E+14	20
2,709	515	5	3,605	4	14,322,150	2	2.05E+14	515
2,710	730	4	14,388,300	2	730	5	2.07E+14	730
2,711	109	7	5,180,116	2	59,405	3	2.10E+14	109
2,712	13	12	57,122	3	14,480,427	2	2.10E+14	13
2,713	732	5	244	5	14,526,784	2	2.11E+14	244
2,714	732	5	244	5	244	6	2.11E+14	244
2,715	732	5	244	5	59,536	3	2.11E+14	244
2,716	65	7	59,150	3	14,555,125	2	2.12E+14	65
2,717	735	5	245	4	14,646,100	2	2.15E+14	245
2,718	3,430	4	8,823,675	2	245	6	2.16E+14	245
2,719	3,753	4	26,271	3	60,048	3	2.17E+14	3,753
2,720	31	9	13,852,815	2	3,844	4	2.18E+14	31
2,721	31	9	13,852,815	2	62	8	2.18E+14	31
2,722	29,791	3	13,852,815	2	62	8	2.18E+14	31
2,723	46,128	3	10,963,088	2	62	8	2.18E+14	62
2,724	60,442	3	9,002	3	3,858	4	2.22E+14	1,286
2,725	2,960	4	12,047,200	2	740	5	2.22E+14	740
2,726	552	5	13,102,272	2	3,864	4	2.23E+14	552
2,727	240	6	2,400	4	14,976,000	2	2.24E+14	240
2,728	10	14	50,000	3	15,000,000	2	2.25E+14	10
2,729	100	7	50,000	3	15,000,000	2	2.25E+14	100
2,730	62	8	19,220	3	15,014,664	2	2.25E+14	62
2,731	3,582	4	39,402	3	60,894	3	2.26E+14	3,582
2,732	105	7	210	6	15,049,125	2	2.26E+14	105
2,733	105	7	44,100	3	15,049,125	2	2.26E+14	105
2,734	210	6	11,918,025	2	3,885	4	2.28E+14	105
2,735	740	5	2,429,975	2	3,885	4	2.28E+14	185
2,736	58,305	3	31,096	3	3,887	4	2.28E+14	3,887
2,737	108	7	7,558,272	2	3,888	4	2.29E+14	108
2,738	648	5	648	5	15,116,544	2	2.29E+14	648
2,739	648	5	648	5	3,888	4	2.29E+14	648
2,740	1,490	4	14,985,675	2	745	5	2.29E+14	745
2,741	1,788	4	14,808,067	2	745	5	2.29E+14	149
2,742	3,874	4	2,064,693	2	745	5	2.29E+14	149

FermatCatalan

2,743	3,730	4	6,121,676	2	746	5	2.31E+14	746
2,744	399	5	3,857	4	15,212,540	2	2.31E+14	133
2,745	56,637	3	37,107	3	3,906	4	2.33E+14	1,953
2,746	712	5	7,223,952	2	3,916	4	2.35E+14	356
2,747	226	6	10,100,279	2	113	7	2.35E+14	113
2,748	9,262	3	15,312,283	2	113	7	2.35E+14	1
2,749	51,076	3	10,100,279	2	113	7	2.35E+14	113
2,750	3,087	4	52,479	3	61,740	3	2.35E+14	3,087
2,751	51,025	3	47,100	3	3,925	4	2.37E+14	3,925
2,752	705	5	2,820	4	15,407,775	2	2.37E+14	705
2,753	600	5	12,680,100	2	3,930	4	2.39E+14	30
2,754	3,880	4	23,280	3	62,080	3	2.39E+14	3,880
2,755	753	5	502	4	15,561,247	2	2.42E+14	251
2,756	396	5	15,367,968	2	3,960	4	2.46E+14	396
2,757	62	8	30,752	3	15,729,648	2	2.47E+14	62
2,758	496	5	14,760,960	2	3,968	4	2.48E+14	496
2,759	19,845	3	15,502,914	2	63	8	2.48E+14	63
2,760	55,566	3	8,751,645	2	63	8	2.48E+14	63
2,761	2,271	4	14,899,274	2	757	5	2.49E+14	757
2,762	62,480	3	18,176	3	3,976	4	2.50E+14	568
2,763	612	5	12,828,132	2	3,978	4	2.50E+14	306
2,764	113	7	25,538	3	15,871,867	2	2.52E+14	113
2,765	726	5	7,247,295	2	3,993	4	2.54E+14	363
2,766	2,269	4	61,263	3	63,532	3	2.56E+14	2,269
2,767	3,971	4	19,855	3	63,536	3	2.56E+14	3,971
2,768	250	6	1,875	4	16,015,625	2	2.57E+14	125
2,769	3,878	4	32,963	3	63,987	3	2.62E+14	1,939
2,770	38,400	3	14,336,000	2	40	9	2.62E+14	40
2,771	671	5	3,355	4	4,026	4	2.63E+14	671
2,772	671	5	3,355	4	16,208,676	2	2.63E+14	671
2,773	671	5	11,256,025	2	4,026	4	2.63E+14	671
2,774	80	7	62,464	3	16,269,312	2	2.65E+14	16
2,775	48	7	16,367,616	2	64,512	3	2.68E+14	48
2,776	4,032	4	16,128	3	64,512	3	2.68E+14	4,032
2,777	3,845	4	7,096,332	2	769	5	2.69E+14	769
2,778	770	5	385	4	16,452,975	2	2.71E+14	385
2,779	3,963	4	29,062	3	64,729	3	2.71E+14	1,321
2,780	252	6	2,016	4	16,511,040	2	2.73E+14	252
2,781	768	5	1,536	4	16,515,072	2	2.73E+14	768
2,782	3,825	4	7,803,000	2	255	6	2.75E+14	255
2,783	57,050	3	44,825	3	4,075	4	2.76E+14	4,075
2,784	4,069	4	12,207	3	65,104	3	2.76E+14	4,069
2,785	240	6	9,273,600	2	4,080	4	2.77E+14	240
2,786	404	5	4,040	4	16,648,032	2	2.77E+14	404
2,787	63	8	30,870	3	16,660,539	2	2.78E+14	63
2,788	4,088	4	8,176	3	65,408	3	2.80E+14	4,088
2,789	3,635	4	47,255	3	65,430	3	2.80E+14	3,635
2,790	308	5	4,081	4	16,737,567	2	2.80E+14	77
2,791	760	5	2,280	4	16,750,400	2	2.81E+14	760

1

FermatCatalan

2,792	4,095	4	4,095	3	65,520	3	2.81E+14	4,095
2,793	2	47	2	47	16,777,216	2	2.81E+14	2
2,794	2	47	2	47	4,096	4	2.81E+14	2
2,795	2	47	2	47	256	6	2.81E+14	2
2,796	2	47	2	47	2	48	2.81E+14	2
2,797	2	47	2	47	8	16	2.81E+14	2
2,798	2	47	2	47	4	24	2.81E+14	2
2,799	2	47	2	47	65,536	3	2.81E+14	2
2,800	2	47	2	47	64	8	2.81E+14	2
2,801	2	47	2	47	16	12	2.81E+14	2
2,802	65,552	3	4,097	3	4,097	4	2.82E+14	4,097
2,803	61,560	3	36,936	3	4,104	4	2.84E+14	4,104
2,804	65,664	3	8,208	3	4,104	4	2.84E+14	4,104
2,805	195	6	3,900	4	16,921,125	2	2.86E+14	195
2,806	168	6	4,032	4	16,934,400	2	2.87E+14	168
2,807	65,968	3	12,369	3	4,123	4	2.89E+14	4,123
2,808	3,484	4	52,260	3	66,196	3	2.90E+14	3,484
2,809	96	7	3,840	4	17,104,896	2	2.93E+14	96
2,810	3,913	4	39,130	3	66,521	3	2.94E+14	3,913
2,811	783	5	783	4	17,166,492	2	2.95E+14	783
2,812	28	9	65,856	3	28	10	2.96E+14	28
2,813	28	9	65,856	3	17,210,368	2	2.96E+14	28
2,814	28	9	65,856	3	784	5	2.96E+14	28
2,815	65,856	3	21,952	3	28	10	2.96E+14	28
2,816	65,856	3	21,952	3	784	5	2.96E+14	784
2,817	785	4	17,254,300	2	785	5	2.98E+14	785
2,818	3,140	4	14,173,175	2	785	5	2.98E+14	785
2,819	2,906	4	61,026	3	66,838	3	2.99E+14	2,906
2,820	66,560	3	16,640	3	4,160	4	2.99E+14	4,160
2,821	7	15	17,294,403	2	67,228	3	3.04E+14	7
2,822	686	5	686	5	67,228	3	3.04E+14	686
2,823	116	7	4,682,688	2	67,280	3	3.05E+14	116
2,824	55	8	60,500	3	17,469,375	2	3.05E+14	55
2,825	2,080	4	17,035,200	2	260	6	3.09E+14	260
2,826	2,600	4	16,224,000	2	260	6	3.09E+14	260
2,827	4,056	4	6,186,752	2	260	6	3.09E+14	52
2,828	646	5	14,084,415	2	4,199	4	3.11E+14	323
2,829	756	5	40,824	3	68,040	3	3.15E+14	756
2,830	3,970	4	8,195,668	2	794	5	3.16E+14	794
2,831	67,536	3	21,105	3	4,221	4	3.17E+14	4,221
2,832	117	7	27,378	3	68,445	3	3.21E+14	117
2,833	798	5	399	4	17,989,713	2	3.24E+14	399
2,834	640	5	3,840	4	18,022,400	2	3.25E+14	640
2,835	3,362	4	14,128,805	2	41	9	3.27E+14	41
2,836	40	8	17,920,000	2	800	5	3.28E+14	40
2,837	1,600	4	17,920,000	2	800	5	3.28E+14	800
2,838	639	5	14,926,401	2	4,260	4	3.29E+14	213
2,839	34	8	69,360	3	18,315,664	2	3.35E+14	34
2,840	4,179	4	32,039	3	69,650	3	3.38E+14	1,393

FermatCatalan

2,841	570	5	4,085	4	18,401,975	2	3.39E+14	95
2,842	477	5	17,747,262	2	4,293	4	3.40E+14	477
2,843	108	7	108	7	69,984	3	3.43E+14	108
2,844	648	5	3,888	4	69,984	3	3.43E+14	648
2,845	807	5	940,693	2	4,304	4	3.43E+14	269
2,846	68,992	3	25,872	3	4,312	4	3.46E+14	4,312
2,847	1,908	4	18,250,073	2	265	6	3.46E+14	53
2,848	3,975	4	9,831,500	2	265	6	3.46E+14	265
2,849	2	43	69,632	3	18,612,224	2	3.46E+14	2
2,850	222	6	3,885	4	18,641,673	2	3.48E+14	111
2,851	720	5	12,441,600	2	4,320	4	3.48E+14	720
2,852	2,430	4	17,714,700	2	810	5	3.49E+14	810
2,853	118	7	177	6	18,689,489	2	3.49E+14	59
2,854	118	7	31,329	3	18,689,489	2	3.49E+14	59
2,855	2,437	4	68,236	3	70,673	3	3.53E+14	2,437
2,856	255	6	8,843,400	2	4,335	4	3.53E+14	255
2,857	67,239	3	36,873	3	4,338	4	3.54E+14	2,169
2,858	768	5	3,072	4	18,874,368	2	3.56E+14	768
2,859	528	5	4,224	4	18,957,312	2	3.59E+14	528
2,860	4,184	4	37,656	3	71,128	3	3.60E+14	4,184
2,861	34,848	3	17,824,752	2	66	8	3.60E+14	66
2,862	47,916	3	15,812,280	2	66	8	3.60E+14	66
2,863	120	7	120	6	19,008,000	2	3.61E+14	120
2,864	120	7	14,400	3	19,008,000	2	3.61E+14	120
2,865	71,246	3	7,270	3	4,362	4	3.62E+14	1,454
2,866	175	6	18,375,000	2	4,375	4	3.66E+14	175
2,867	525	5	18,068,750	2	4,375	4	3.66E+14	175
2,868	65,625	3	43,750	3	4,375	4	3.66E+14	4,375
2,869	337	5	19,079,592	2	4,381	4	3.68E+14	337
2,870	59,312	3	54,257	3	4,381	4	3.68E+14	337
2,871	117	7	41,067	3	19,219,356	2	3.69E+14	117
2,872	819	5	1,015	4	19,223,582	2	3.70E+14	7
2,873	57,122	3	57,122	3	4,394	4	3.73E+14	4,394
2,874	4,105	4	9,436,574	2	821	5	3.73E+14	821
2,875	3,429	4	61,722	3	72,009	3	3.73E+14	3,429
2,876	339	5	4,407	4	19,536,570	2	3.82E+14	339
2,877	4,347	4	29,808	3	72,657	3	3.84E+14	621
2,878	825	5	1,100	4	19,586,875	2	3.84E+14	275
2,879	11	14	363	5	19,648,222	2	3.86E+14	11
2,880	121	7	363	5	19,648,222	2	3.86E+14	121
2,881	71,024	3	31,073	3	4,439	4	3.88E+14	4,439
2,882	825	5	1,650	4	19,738,125	2	3.90E+14	825
2,883	98	7	67,228	3	19,765,032	2	3.91E+14	98
2,884	29	8	73,167	3	19,803,868	2	3.92E+14	29
2,885	11	14	3,543,122	2	73,205	3	3.92E+14	11
2,886	121	7	3,543,122	2	73,205	3	3.92E+14	121
2,887	722	5	722	5	19,808,792	2	3.92E+14	722
2,888	828	5	1,449	4	19,839,087	2	3.94E+14	207
2,889	810	5	6,725,025	2	4,455	4	3.94E+14	405

FermatCatalan

2,890	637	5	17,042,298	2	4,459	4	3.95E+14	637
2,891	3,328	4	16,613,376	2	832	5	3.99E+14	832
2,892	62,608	3	53,664	3	4,472	4	4.00E+14	4,472
2,893	122	6	19,974,328	2	122	7	4.02E+14	122
2,894	14,884	3	19,974,328	2	122	7	4.02E+14	122
2,895	4,104	4	49,248	3	73,872	3	4.03E+14	4,104
2,896	819	5	2,457	4	20,122,830	2	4.05E+14	819
2,897	272	5	20,105,152	2	4,488	4	4.06E+14	136
2,898	33	9	66	8	20,160,657	2	4.06E+14	33
2,899	33	9	4,356	4	20,160,657	2	4.06E+14	33
2,900	66	8	35,937	3	20,160,657	2	4.06E+14	33
2,901	4,492	4	2,246	3	74,118	3	4.07E+14	2,246
2,902	518	5	4,403	4	20,325,543	2	4.13E+14	259
2,903	820	5	6,555,900	2	4,510	4	4.14E+14	410
2,904	840	5	840	4	20,462,400	2	4.19E+14	840
2,905	4,401	4	35,208	3	74,817	3	4.19E+14	4,401
2,906	744	5	3,720	4	20,480,832	2	4.19E+14	744
2,907	842	4	20,559,956	2	842	5	4.23E+14	842
2,908	495	5	4,455	4	20,582,100	2	4.24E+14	495
2,909	15	8	75,600	3	20,786,625	2	4.32E+14	15
2,910	825	5	550	5	275	6	4.33E+14	275
2,911	825	5	550	5	75,625	3	4.33E+14	275
2,912	825	5	550	5	20,796,875	2	4.33E+14	275
2,913	74,536	3	27,951	3	847	5	4.36E+14	847
2,914	828	5	2,622	4	20,891,268	2	4.36E+14	138
2,915	24	9	20,901,888	2	76,032	3	4.40E+14	24
2,916	3,176	4	69,872	3	76,224	3	4.43E+14	3,176
2,917	17	7	76,271	3	21,063,928	2	4.44E+14	1
2,918	4,250	4	10,837,500	2	850	5	4.44E+14	850
2,919	767	5	13,530,647	2	4,602	4	4.49E+14	767
2,920	192	6	73,728	3	4,608	4	4.51E+14	192
2,921	73,728	3	36,864	3	4,608	4	4.51E+14	4,608
2,922	846	5	2,115	4	21,292,551	2	4.53E+14	423
2,923	276	6	1,840	4	21,295,424	2	4.53E+14	92
2,924	7	13	21,294,469	2	76,832	3	4.54E+14	7
2,925	124	7	124	6	76,880	3	4.54E+14	124
2,926	124	7	15,376	3	76,880	3	4.54E+14	124
2,927	124	7	1,906,624	2	76,880	3	4.54E+14	124
2,928	624	5	4,368	4	21,415,680	2	4.59E+14	624
2,929	77,200	3	6,176	3	4,632	4	4.60E+14	1,544
2,930	1,714	4	21,299,021	2	857	5	4.62E+14	857
2,931	4,570	4	31,990	3	77,690	3	4.69E+14	4,570
2,932	3,904	4	62,464	3	78,080	3	4.76E+14	3,904
2,933	5	20	19,531,250	2	5	21	4.77E+14	5
2,934	5	20	19,531,250	2	78,125	3	4.77E+14	5
2,935	5	20	19,531,250	2	125	7	4.77E+14	5
2,936	25	10	19,531,250	2	5	21	4.77E+14	5
2,937	25	10	19,531,250	2	78,125	3	4.77E+14	25
2,938	25	10	19,531,250	2	125	7	4.77E+14	25

1

FermatCatalan

2,939	625	5	19,531,250	2	5	21	4.77E+14	5
2,940	625	5	19,531,250	2	125	7	4.77E+14	125
2,941	3,125	4	19,531,250	2	5	21	4.77E+14	5
2,942	3,125	4	19,531,250	2	125	7	4.77E+14	125
2,943	4,115	4	57,610	3	78,185	3	4.78E+14	4,115
2,944	2,611	4	75,719	3	78,330	3	4.81E+14	2,611
2,945	288	5	21,897,216	2	864	5	4.81E+14	288
2,946	62,208	3	62,208	3	864	5	4.81E+14	864
2,947	2,595	4	20,950,300	2	865	5	4.84E+14	865
2,948	4,152	4	13,677,553	2	865	5	4.84E+14	173
2,949	68	8	2,312	4	78,608	3	4.86E+14	68
2,950	68	8	5,345,344	2	78,608	3	4.86E+14	68
2,951	4,624	4	2,312	4	78,608	3	4.86E+14	2,312
2,952	4,502	4	42,769	3	78,785	3	4.89E+14	2,251
2,953	70,590	3	51,766	3	4,706	4	4.90E+14	4,706
2,954	836	5	608	5	22,168,288	2	4.91E+14	76
2,955	15	8	78,975	3	22,194,000	2	4.93E+14	15
2,956	270	6	3,240	4	22,307,400	2	4.98E+14	270
2,957	39	8	79,092	3	22,363,263	2	5.00E+14	39
2,958	66	8	52,272	3	22,424,688	2	5.03E+14	66
2,959	126	6	79,380	3	126	7	5.04E+14	126
2,960	79,380	3	15,876	3	126	7	5.04E+14	126
2,961	79,380	3	2,000,376	2	126	7	5.04E+14	126
2,962	4,697	4	28,182	3	79,849	3	5.09E+14	4,697
2,963	14	12	76,832	3	22,588,608	2	5.10E+14	14
2,964	20	10	22,400,000	2	80,000	3	5.12E+14	20
2,965	4,000	4	4,000	4	80,000	3	5.12E+14	4,000
2,966	108	7	69,984	3	22,674,816	2	5.14E+14	108
2,967	4,629	4	38,575	3	80,236	3	5.17E+14	1,543
2,968	562	5	21,556,353	2	4,777	4	5.21E+14	281
2,969	126	7	26,082	3	80,514	3	5.22E+14	126
2,970	833	5	3,332	4	22,898,337	2	5.24E+14	833
2,971	116	7	15,608,960	2	80,736	3	5.26E+14	116
2,972	879	5	1,465	4	23,007,532	2	5.29E+14	293
2,973	3,524	4	19,404,025	2	881	5	5.31E+14	881
2,974	4,405	4	3,524	4	881	5	5.31E+14	881
2,975	4,405	4	12,418,576	2	881	5	5.31E+14	881
2,976	880	5	1,320	4	23,038,400	2	5.31E+14	440
2,977	240	6	18,432,000	2	4,800	4	5.31E+14	240
2,978	7	17	17,294,403	2	4,802	4	5.32E+14	7
2,979	4,501	4	49,511	3	81,018	3	5.32E+14	4,501
2,980	48,387	3	20,483,830	2	127	7	5.33E+14	127
2,981	876	5	2,190	4	23,213,124	2	5.39E+14	438
2,982	876	5	2,190	4	4,818	4	5.39E+14	438
2,983	876	5	4,796,100	2	4,818	4	5.39E+14	438
2,984	4,788	4	23,940	3	81,396	3	5.39E+14	4,788
2,985	53	7	23,224,812	2	81,461	3	5.41E+14	53
2,986	89	7	79,210	3	23,263,977	2	5.41E+14	89
2,987	77,200	3	43,425	3	4,825	4	5.42E+14	4,825

FermatCatalan

2,988	858	5	3,003	4	23,373,207	2	5.46E+14	429
2,989	884	5	1,768	4	23,443,680	2	5.50E+14	884
2,990	2	44	23,068,672	2	81,920	3	5.50E+14	2
2,991	4	22	23,068,672	2	81,920	3	5.50E+14	4
2,992	16	11	23,068,672	2	81,920	3	5.50E+14	16
2,993	882	5	4,473,063	2	4,851	4	5.54E+14	441
2,994	38	9	19,808,792	2	82,308	3	5.58E+14	38
2,995	4,849	4	19,396	3	82,433	3	5.60E+14	4,849
2,996	690	5	4,485	4	23,685,975	2	5.61E+14	345
2,997	2	48	2	48	2	49	5.63E+14	2
2,998	2	48	2	48	128	7	5.63E+14	2
2,999	2	48	4	24	2	49	5.63E+14	2
3,000	2	48	4	24	128	7	5.63E+14	2
3,001	2	48	8	16	2	49	5.63E+14	2
3,002	2	48	8	16	128	7	5.63E+14	2
3,003	2	48	16	12	2	49	5.63E+14	2
3,004	2	48	16	12	128	7	5.63E+14	2
3,005	2	48	64	8	2	49	5.63E+14	2
3,006	2	48	64	8	128	7	5.63E+14	2
3,007	2	48	256	6	2	49	5.63E+14	2
3,008	2	48	256	6	128	7	5.63E+14	2
3,009	2	48	4,096	4	2	49	5.63E+14	2
3,010	2	48	4,096	4	128	7	5.63E+14	2
3,011	2	48	65,536	3	2	49	5.63E+14	2
3,012	2	48	65,536	3	128	7	5.63E+14	2
3,013	2	48	16,777,216	2	2	49	5.63E+14	2
3,014	2	48	16,777,216	2	128	7	5.63E+14	2
3,015	4	24	4	24	2	49	5.63E+14	2
3,016	4	24	4	24	128	7	5.63E+14	4
3,017	4	24	8	16	2	49	5.63E+14	2
3,018	4	24	8	16	128	7	5.63E+14	4
3,019	4	24	16	12	2	49	5.63E+14	2
3,020	4	24	16	12	128	7	5.63E+14	4
3,021	4	24	64	8	2	49	5.63E+14	2
3,022	4	24	64	8	128	7	5.63E+14	4
3,023	4	24	256	6	2	49	5.63E+14	2
3,024	4	24	256	6	128	7	5.63E+14	4
3,025	4	24	4,096	4	2	49	5.63E+14	2
3,026	4	24	4,096	4	128	7	5.63E+14	4
3,027	4	24	65,536	3	2	49	5.63E+14	2
3,028	4	24	65,536	3	128	7	5.63E+14	4
3,029	4	24	16,777,216	2	2	49	5.63E+14	2
3,030	4	24	16,777,216	2	128	7	5.63E+14	4
3,031	8	16	8	16	2	49	5.63E+14	2
3,032	8	16	8	16	128	7	5.63E+14	8
3,033	8	16	16	12	2	49	5.63E+14	2
3,034	8	16	16	12	128	7	5.63E+14	8
3,035	8	16	64	8	2	49	5.63E+14	2
3,036	8	16	64	8	128	7	5.63E+14	8

FermatCatalan

3,037	8	16	256	6	2	49	5.63E+14	2
3,038	8	16	256	6	128	7	5.63E+14	8
3,039	8	16	4,096	4	2	49	5.63E+14	2
3,040	8	16	4,096	4	128	7	5.63E+14	8
3,041	8	16	65,536	3	2	49	5.63E+14	2
3,042	8	16	65,536	3	128	7	5.63E+14	8
3,043	8	16	16,777,216	2	2	49	5.63E+14	2
3,044	8	16	16,777,216	2	128	7	5.63E+14	8
3,045	16	12	16	12	2	49	5.63E+14	2
3,046	16	12	16	12	128	7	5.63E+14	16
3,047	16	12	64	8	2	49	5.63E+14	2
3,048	16	12	64	8	128	7	5.63E+14	16
3,049	16	12	256	6	2	49	5.63E+14	2
3,050	16	12	256	6	128	7	5.63E+14	16
3,051	16	12	4,096	4	2	49	5.63E+14	2
3,052	16	12	4,096	4	128	7	5.63E+14	16
3,053	16	12	65,536	3	2	49	5.63E+14	2
3,054	16	12	65,536	3	128	7	5.63E+14	16
3,055	16	12	16,777,216	2	2	49	5.63E+14	2
3,056	16	12	16,777,216	2	128	7	5.63E+14	16
3,057	64	8	64	8	2	49	5.63E+14	2
3,058	64	8	64	8	128	7	5.63E+14	64
3,059	64	8	256	6	2	49	5.63E+14	2
3,060	64	8	256	6	128	7	5.63E+14	64
3,061	64	8	4,096	4	2	49	5.63E+14	2
3,062	64	8	4,096	4	128	7	5.63E+14	64
3,063	64	8	65,536	3	2	49	5.63E+14	2
3,064	64	8	65,536	3	128	7	5.63E+14	64
3,065	64	8	16,777,216	2	2	49	5.63E+14	2
3,066	64	8	16,777,216	2	128	7	5.63E+14	64
3,067	256	6	256	6	2	49	5.63E+14	2
3,068	256	6	256	6	128	7	5.63E+14	128
3,069	256	6	4,096	4	2	49	5.63E+14	2
3,070	256	6	4,096	4	128	7	5.63E+14	128
3,071	256	6	65,536	3	2	49	5.63E+14	2
3,072	256	6	65,536	3	128	7	5.63E+14	128
3,073	256	6	16,777,216	2	2	49	5.63E+14	2
3,074	256	6	16,777,216	2	128	7	5.63E+14	128
3,075	4,096	4	4,096	4	2	49	5.63E+14	2
3,076	4,096	4	4,096	4	128	7	5.63E+14	128
3,077	4,096	4	65,536	3	2	49	5.63E+14	2
3,078	4,096	4	65,536	3	128	7	5.63E+14	128
3,079	4,096	4	16,777,216	2	2	49	5.63E+14	2
3,080	4,096	4	16,777,216	2	128	7	5.63E+14	128
3,081	65,536	3	65,536	3	2	49	5.63E+14	2
3,082	65,536	3	65,536	3	128	7	5.63E+14	128
3,083	65,536	3	16,777,216	2	2	49	5.63E+14	2
3,084	65,536	3	16,777,216	2	128	7	5.63E+14	128
3,085	812	5	14,505,568	2	4,872	4	5.63E+14	812

FermatCatalan

3,086	3	30	4,374	4	23,914,845	2	5.72E+14	3
3,087	9	15	4,374	4	23,914,845	2	5.72E+14	9
3,088	27	10	4,374	4	23,914,845	2	5.72E+14	27
3,089	243	6	4,374	4	23,914,845	2	5.72E+14	243
3,090	729	5	4,374	4	23,914,845	2	5.72E+14	729
3,091	4,886	4	14,658	3	83,062	3	5.73E+14	4,886
3,092	880	5	2,640	4	24,006,400	2	5.76E+14	880
3,093	3,789	4	71,991	3	83,358	3	5.79E+14	3,789
3,094	4,905	4	9,810	3	83,385	3	5.80E+14	4,905
3,095	4,912	4	4,912	3	83,504	3	5.82E+14	4,912
3,096	81,081	3	36,855	3	4,914	4	5.83E+14	2,457
3,097	83,538	3	4,914	3	4,914	4	5.83E+14	4,914
3,098	615	5	22,315,275	2	4,920	4	5.86E+14	615
3,099	83,657	3	9,842	3	4,921	4	5.86E+14	4,921
3,100	67,281	3	65,640	3	4,923	4	5.87E+14	1,641
3,101	899	5	899	4	24,246,030	2	5.88E+14	899
3,102	901	4	24,354,030	2	901	5	5.94E+14	901
3,103	33,282	3	23,613,579	2	129	7	5.94E+14	129
3,104	83,205	3	4,293,378	2	129	7	5.94E+14	129
3,105	83,980	3	14,820	3	4,940	4	5.96E+14	4,940
3,106	69,174	3	64,233	3	4,941	4	5.96E+14	4,941
3,107	30	9	24,097,500	2	4,950	4	6.00E+14	30
3,108	63	8	71,442	3	24,754,653	2	6.13E+14	63
3,109	71,337	3	63,042	3	4,977	4	6.14E+14	1,659
3,110	84,609	3	19,908	3	4,977	4	6.14E+14	4,977
3,111	26,620	3	24,479,752	2	44	9	6.18E+14	44
3,112	3	28	24,446,286	2	85,293	3	6.20E+14	3
3,113	9	14	24,446,286	2	85,293	3	6.20E+14	9
3,114	81	7	24,446,286	2	85,293	3	6.20E+14	81
3,115	165	6	4,950	4	24,910,875	2	6.21E+14	165
3,116	910	5	1,365	4	5,005	4	6.28E+14	455
3,117	910	5	1,365	4	25,050,025	2	6.28E+14	455
3,118	910	5	1,863,225	2	5,005	4	6.28E+14	455
3,119	912	5	1,455,552	2	5,016	4	6.33E+14	456
3,120	2	46	128	7	25,165,824	2	6.33E+14	2
3,121	2	49	2	46	25,165,824	2	6.33E+14	2
3,122	2	49	4	23	25,165,824	2	6.33E+14	2
3,123	4	23	128	7	25,165,824	2	6.33E+14	4
3,124	4,863	4	42,146	3	85,913	3	6.34E+14	1,621
3,125	4,570	4	14,201,732	2	914	5	6.38E+14	914
3,126	73,788	3	62,049	3	5,031	4	6.41E+14	1,677
3,127	85,646	3	25,190	3	5,038	4	6.44E+14	5,038
3,128	1,832	4	25,171,680	2	916	5	6.45E+14	916
3,129	720	4	86,400	3	5,040	4	6.45E+14	720
3,130	720	5	21,254,400	2	5,040	4	6.45E+14	720
3,131	3,458	4	79,534	3	86,450	3	6.46E+14	3,458
3,132	2,791	4	83,730	3	86,521	3	6.48E+14	2,791
3,133	819	5	4,095	4	25,488,918	2	6.50E+14	819
3,134	890	5	3,115	4	25,545,225	2	6.53E+14	445

FermatCatalan

3,135	800	5	800	5	25,600,000	2	6.55E+14	800
3,136	4,832	4	48,320	3	86,976	3	6.58E+14	4,832
3,137	224	5	5,068	4	25,695,600	2	6.60E+14	28
3,138	2,766	4	24,652,436	2	922	5	6.66E+14	922
3,139	81,536	3	50,960	3	5,096	4	6.74E+14	5,096
3,140	924	5	1,155	4	25,986,807	2	6.75E+14	231
3,141	28	9	25,815,552	2	87,808	3	6.77E+14	28
3,142	76,545	3	61,236	3	5,103	4	6.78E+14	5,103
3,143	26	8	26,047,632	2	87,880	3	6.79E+14	26
3,144	290	6	3,045	4	26,092,025	2	6.81E+14	145
3,145	272	6	4,080	4	26,116,352	2	6.82E+14	272
3,146	130	7	39,900	3	26,287,000	2	6.91E+14	10
3,147	87,193	3	30,774	3	5,129	4	6.92E+14	5,129
3,148	855	5	15,351,525	2	5,130	4	6.93E+14	855
3,149	4,662	4	60,606	3	88,578	3	6.95E+14	4,662
3,150	294	6	7,411,887	2	5,145	4	7.01E+14	147
3,151	3,728	4	22,584,224	2	932	5	7.03E+14	932
3,152	3,174	4	24,759,845	2	299	6	7.15E+14	23
3,153	864	5	62,208	3	72	8	7.22E+14	72
3,154	864	5	62,208	3	5,184	4	7.22E+14	864
3,155	594	5	5,049	4	26,903,745	2	7.24E+14	297
3,156	868	5	3,906	4	26,934,908	2	7.25E+14	434
3,157	79,626	3	60,585	3	5,193	4	7.27E+14	1,731
3,158	300	6	1,050	4	27,022,500	2	7.30E+14	150
3,159	90,272	3	3,472	3	5,208	4	7.36E+14	1,736
3,160	88,445	3	35,378	3	133	7	7.36E+14	133
3,161	740	5	4,810	4	27,516,900	2	7.57E+14	370
3,162	30	10	60	8	27,540,000	2	7.58E+14	30
3,163	30	10	3,600	4	27,540,000	2	7.58E+14	30
3,164	60	8	900	5	27,540,000	2	7.58E+14	60
3,165	900	5	3,600	4	27,540,000	2	7.58E+14	900
3,166	4,348	4	73,916	3	91,308	3	7.61E+14	4,348
3,167	89,352	3	36,792	3	5,256	4	7.63E+14	5,256
3,168	945	5	1,890	4	27,683,775	2	7.66E+14	945
3,169	82,720	3	58,656	3	5,264	4	7.68E+14	752
3,170	270	6	19,518,975	2	5,265	4	7.68E+14	135
3,171	4,745	4	16,210,818	2	949	5	7.70E+14	949
3,172	888	5	3,848	4	27,774,272	2	7.71E+14	296
3,173	5,103	4	45,927	3	91,854	3	7.75E+14	5,103
3,174	80,802	3	62,846	3	134	7	7.76E+14	134
3,175	89,780	3	7,218,312	2	134	7	7.76E+14	134
3,176	480	5	27,417,600	2	5,280	4	7.77E+14	480
3,177	24	8	92,160	3	27,979,776	2	7.83E+14	24
3,178	83,049	3	60,078	3	5,301	4	7.90E+14	1,767
3,179	4,625	4	69,375	3	92,500	3	7.91E+14	4,625
3,180	40	9	4,800	4	28,160,000	2	7.93E+14	40
3,181	14	13	1,372	4	28,235,760	2	7.97E+14	14
3,182	943	5	2,829	4	28,455,968	2	8.10E+14	943
3,183	60	8	86,400	3	28,512,000	2	8.13E+14	60

FermatCatalan

3,184	6	16	93,312	3	28,553,472	2	8.15E+14	6
3,185	36	8	93,312	3	28,553,472	2	8.15E+14	36
3,186	960	5	960	4	28,569,600	2	8.16E+14	960
3,187	828	5	4,554	4	28,623,132	2	8.19E+14	414
3,188	3,672	4	25,281,720	2	306	6	8.21E+14	306
3,189	306	5	28,629,207	2	5,355	4	8.22E+14	153
3,190	630	5	26,889,975	2	5,355	4	8.22E+14	315
3,191	5,356	4	8,034	3	93,730	3	8.23E+14	2,678
3,192	3	31	3	30	28,697,814	2	8.24E+14	3
3,193	3	31	9	15	28,697,814	2	8.24E+14	3
3,194	3	31	27	10	28,697,814	2	8.24E+14	3
3,195	3	31	243	6	28,697,814	2	8.24E+14	3
3,196	3	31	729	5	28,697,814	2	8.24E+14	3
3,197	3	31	59,049	3	28,697,814	2	8.24E+14	3
3,198	962	4	28,688,764	2	962	5	8.24E+14	962
3,199	896	5	16,056,320	2	5,376	4	8.35E+14	896
3,200	2,509	4	28,234,742	2	965	5	8.37E+14	193
3,201	30	9	28,756,000	2	94,600	3	8.47E+14	10
3,202	488	5	5,368	4	29,291,712	2	8.58E+14	488
3,203	3,298	4	27,210,828	2	970	5	8.59E+14	194
3,204	69,360	3	22,953,536	2	136	7	8.61E+14	136
3,205	2,977	4	92,287	3	95,264	3	8.65E+14	2,977
3,206	92,225	3	43,400	3	5,425	4	8.66E+14	5,425
3,207	86,832	3	59,697	3	5,427	4	8.67E+14	5,427
3,208	18	11	28,343,520	2	972	5	8.68E+14	18
3,209	5,174	4	54,327	3	95,719	3	8.77E+14	2,587
3,210	904	5	4,068	4	29,624,080	2	8.78E+14	452
3,211	5,320	4	42,560	3	95,760	3	8.78E+14	5,320
3,212	4,167	4	83,340	3	95,841	3	8.80E+14	4,167
3,213	162	6	972	5	29,760,696	2	8.86E+14	162
3,214	1,954	4	29,590,399	2	977	5	8.90E+14	977
3,215	391	5	29,811,795	2	5,474	4	8.98E+14	391
3,216	43	8	96,222	3	30,042,907	2	9.03E+14	1
3,217	76,832	3	76,832	3	5,488	4	9.07E+14	5,488
3,218	2,943	4	28,870,830	2	981	5	9.09E+14	981
3,219	136	7	36,992	3	30,185,472	2	9.11E+14	136
3,220	6	18	93,312	3	30,233,088	2	9.14E+14	6
3,221	36	9	93,312	3	30,233,088	2	9.14E+14	36
3,222	220	6	28,314,000	2	5,500	4	9.15E+14	220
3,223	735	5	5,145	4	30,252,600	2	9.15E+14	735
3,224	46	9	4,232	3	30,368,832	2	9.22E+14	46
3,225	104	7	28,121,600	2	97,344	3	9.22E+14	104
3,226	104	7	28,121,600	2	312	6	9.22E+14	104
3,227	97,414	3	1,838	3	5,514	4	9.24E+14	1,838
3,228	393	5	5,502	4	30,426,453	2	9.26E+14	393
3,229	118	7	24,645,480	2	97,468	3	9.26E+14	118
3,230	33	9	95,832	3	30,438,639	2	9.27E+14	33
3,231	5,131	4	61,572	3	97,489	3	9.27E+14	5,131
3,232	528	5	5,456	4	30,449,408	2	9.27E+14	176

1

FermatCatalan

3,233	3,940	4	26,196,075	2	985	5	9.27E+14	985
3,234	312	6	1,560	4	30,468,672	2	9.28E+14	312
3,235	3,752	4	90,048	3	97,552	3	9.28E+14	3,752
3,236	58	8	28,291,240	2	97,556	3	9.28E+14	58
3,237	665	5	5,320	4	30,513,525	2	9.31E+14	665
3,238	4,930	4	18,471,724	2	986	5	9.32E+14	986
3,239	153	6	5,508	4	30,548,745	2	9.33E+14	153
3,240	1,565	4	30,566,328	2	313	6	9.40E+14	313
3,241	988	5	741	4	30,687,527	2	9.42E+14	247
3,242	5,349	4	49,924	3	98,065	3	9.43E+14	1,783
3,243	820	5	4,920	4	30,930,400	2	9.57E+14	820
3,244	38	9	28,142,477	2	98,553	3	9.57E+14	19
3,245	496	5	30,505,984	2	992	5	9.61E+14	496
3,246	90,993	3	59,424	3	5,571	4	9.63E+14	1,857
3,247	83,580	3	72,436	3	5,572	4	9.64E+14	5,572
3,248	5,489	4	38,423	3	98,802	3	9.64E+14	5,489
3,249	1,014	4	98,865	3	5,577	4	9.67E+14	507
3,250	896	5	4,480	4	31,309,824	2	9.80E+14	896
3,251	801	5	25,664,040	2	5,607	4	9.88E+14	801
3,252	935	5	16,610,275	2	5,610	4	9.90E+14	935
3,253	10	14	30,000,000	2	1,000	5	1.00E+15	10
3,254	10	14	30,000,000	2	10	15	1.00E+15	10
3,255	10	14	30,000,000	2	100,000	3	1.00E+15	10
3,256	100	7	30,000,000	2	1,000	5	1.00E+15	100
3,257	100	7	30,000,000	2	10	15	1.00E+15	10
3,258	100	7	30,000,000	2	100,000	3	1.00E+15	100
3,259	60,000	3	28,000,000	2	10	15	1.00E+15	10
3,260	98,595	3	36,621	3	5,634	4	1.01E+15	2,817
3,261	112	7	28,098,560	2	100,352	3	1.01E+15	112
3,262	990	5	2,805	4	31,826,025	2	1.01E+15	165
3,263	95,914	3	50,778	3	5,642	4	1.01E+15	5,642
3,264	904	5	20,379,324	2	5,650	4	1.02E+15	226
3,265	870	5	4,785	4	31,979,025	2	1.02E+15	435
3,266	870	5	4,785	4	5,655	4	1.02E+15	435
3,267	870	5	22,896,225	2	5,655	4	1.02E+15	435
3,268	5,616	4	33,696	3	101,088	3	1.03E+15	5,616
3,269	132	7	264	6	32,199,552	2	1.04E+15	132
3,270	132	7	69,696	3	32,199,552	2	1.04E+15	132
3,271	308	6	3,696	4	32,253,760	2	1.04E+15	308
3,272	1,008	5	504	4	32,260,032	2	1.04E+15	504
3,273	632	5	30,755,648	2	5,688	4	1.05E+15	632
3,274	1,414	4	32,357,572	2	1,010	5	1.05E+15	202
3,275	1,005	5	5,162,350	2	5,695	4	1.05E+15	335
3,276	360	5	5,688	4	32,446,656	2	1.05E+15	72
3,277	1,008	5	2,016	4	32,514,048	2	1.06E+15	1,008
3,278	108	7	96,228	3	32,595,048	2	1.06E+15	108
3,279	882	5	882	5	32,672,808	2	1.07E+15	882
3,280	338	5	32,673,784	2	1,014	5	1.07E+15	338
3,281	92,274	3	65,910	3	1,014	5	1.07E+15	1,014

FermatCatalan

3,282	5,120	4	19,660,800	2	320	6	1.07E+15	320
3,283	969	5	3,876	4	32,863,635	2	1.08E+15	969
3,284	95,550	3	59,241	3	5,733	4	1.08E+15	1,911
3,285	5,707	4	28,535	3	102,726	3	1.08E+15	5,707
3,286	67	7	33,083,930	2	103,247	3	1.10E+15	67
3,287	1,020	5	255	4	33,227,775	2	1.10E+15	255
3,288	64,061	3	29,070,440	2	141	7	1.11E+15	47
3,289	99,405	3	11,212,884	2	141	7	1.11E+15	141
3,290	86,640	3	21,509,824	2	76	8	1.11E+15	76
3,291	5,768	4	23,072	3	103,824	3	1.12E+15	5,768
3,292	1,023	5	1,023	4	33,488,928	2	1.12E+15	1,023
3,293	76	8	20,577	3	33,492,497	2	1.12E+15	19
3,294	1,008	5	3,024	4	33,530,112	2	1.12E+15	1,008
3,295	2	49	2	49	33,554,432	2	1.13E+15	2
3,296	2	49	2	49	1,024	5	1.13E+15	2
3,297	2	49	2	49	4	25	1.13E+15	2
3,298	2	49	2	49	2	50	1.13E+15	2
3,299	2	49	2	49	32	10	1.13E+15	2
3,300	2	49	128	7	33,554,432	2	1.13E+15	2
3,301	2	49	128	7	1,024	5	1.13E+15	2
3,302	2	49	128	7	4	25	1.13E+15	2
3,303	2	49	128	7	2	50	1.13E+15	2
3,304	2	49	128	7	32	10	1.13E+15	2
3,305	128	7	128	7	33,554,432	2	1.13E+15	128
3,306	128	7	128	7	1,024	5	1.13E+15	128
3,307	128	7	128	7	4	25	1.13E+15	4
3,308	128	7	128	7	2	50	1.13E+15	2
3,309	128	7	128	7	32	10	1.13E+15	32
3,310	1,025	4	33,620,000	2	1,025	5	1.13E+15	1,025
3,311	5,125	4	21,012,500	2	1,025	5	1.13E+15	1,025
3,312	300	6	4,500	4	33,750,000	2	1.14E+15	300
3,313	5,805	4	17,415	3	104,490	3	1.14E+15	5,805
3,314	5,601	4	54,143	3	104,552	3	1.14E+15	1,867
3,315	3,169	4	101,408	3	104,577	3	1.14E+15	3,169
3,316	1,028	5	257	4	33,883,137	2	1.15E+15	257
3,317	323	6	1,938	4	33,906,925	2	1.15E+15	323
3,318	93,184	3	69,888	3	5,824	4	1.15E+15	5,824
3,319	5,824	4	11,648	3	104,832	3	1.15E+15	5,824
3,320	1,023	5	2,387	4	33,954,052	2	1.15E+15	341
3,321	100,842	3	50,421	3	1,029	5	1.15E+15	1,029
3,322	5,831	4	5,831	3	104,958	3	1.16E+15	5,831
3,323	972	5	17,006,112	2	5,832	4	1.16E+15	972
3,324	972	5	17,006,112	2	324	6	1.16E+15	324
3,325	972	5	17,006,112	2	18	12	1.16E+15	18
3,326	104,994	3	5,833	3	5,833	4	1.16E+15	5,833
3,327	5,528	4	60,808	3	105,032	3	1.16E+15	5,528
3,328	5,256	4	73,584	3	105,120	3	1.16E+15	5,256
3,329	105,120	3	11,680	3	5,840	4	1.16E+15	5,840
3,330	15	12	101,250	3	34,171,875	2	1.17E+15	15

FermatCatalan

3,331	30	10	24,097,500	2	5,850	4	1.17E+15	30
3,332	900	5	24,097,500	2	5,850	4	1.17E+15	450
3,333	732	5	31,077,792	2	5,856	4	1.18E+15	732
3,334	105,462	3	17,577	3	5,859	4	1.18E+15	5,859
3,335	1,950	4	34,116,875	2	325	6	1.18E+15	325
3,336	945	5	75,330	3	105,705	3	1.18E+15	135
3,337	4,816	4	86,688	3	105,952	3	1.19E+15	4,816
3,338	832	5	93,184	3	106,496	3	1.21E+15	832
3,339	106,128	3	23,584	3	5,896	4	1.21E+15	5,896
3,340	2,080	4	34,611,200	2	1,040	5	1.22E+15	1,040
3,341	4,160	4	30,284,800	2	1,040	5	1.22E+15	1,040
3,342	4,640	4	27,443,200	2	1,040	5	1.22E+15	80
3,343	5,824	4	8,133,632	2	1,040	5	1.22E+15	208
3,344	1,040	5	520	4	34,881,600	2	1.22E+15	520
3,345	591	5	33,880,257	2	5,910	4	1.22E+15	591
3,346	100,521	3	59,130	3	5,913	4	1.22E+15	5,913
3,347	3,126	4	33,658,684	2	1,042	5	1.23E+15	1,042
3,348	143	7	143	6	35,090,484	2	1.23E+15	143
3,349	143	7	20,449	3	35,090,484	2	1.23E+15	143
3,350	107,226	3	29,785	3	5,957	4	1.26E+15	5,957
3,351	5,165	4	82,640	3	108,465	3	1.28E+15	5,165
3,352	240	6	5,760	4	35,942,400	2	1.29E+15	240
3,353	131	7	85,805	3	35,969,456	2	1.29E+15	131
3,354	143	7	8,854,417	2	6,006	4	1.30E+15	143
3,355	113	7	102,152	3	36,072,425	2	1.30E+15	113
3,356	135	7	22,143,375	2	109,350	3	1.31E+15	135
3,357	4,563	4	95,823	3	109,512	3	1.31E+15	4,563
3,358	4,058	4	101,450	3	109,566	3	1.32E+15	4,058
3,359	23	11	19,309,029	2	1,058	5	1.33E+15	23
3,360	1,007	5	17,238,833	2	6,042	4	1.33E+15	1,007
3,361	1,056	5	2,200	4	36,559,424	2	1.34E+15	88
3,362	12	13	35,085,312	2	6,048	4	1.34E+15	12
3,363	108,864	3	36,288	3	6,048	4	1.34E+15	6,048
3,364	1,060	5	795	4	36,587,225	2	1.34E+15	265
3,365	145	6	36,583,500	2	145	7	1.35E+15	145
3,366	290	6	27,437,625	2	145	7	1.35E+15	145
3,367	21,025	3	36,583,500	2	145	7	1.35E+15	145
3,368	84,100	3	27,437,625	2	145	7	1.35E+15	145
3,369	110,350	3	1,975,125	2	145	7	1.35E+15	5
3,370	1,056	5	528	5	36,799,488	2	1.35E+15	528
3,371	315	6	4,410	4	36,812,475	2	1.36E+15	315
3,372	45	9	24,603,750	2	6,075	4	1.36E+15	45
3,373	73,008	3	31,320,432	2	78	8	1.37E+15	78
3,374	5,330	4	23,863,476	2	1,066	5	1.38E+15	1,066
3,375	5,859	4	58,590	3	111,321	3	1.38E+15	5,859
3,376	48	8	110,592	3	37,158,912	2	1.38E+15	48
3,377	48	9	48	8	37,158,912	2	1.38E+15	48
3,378	48	9	2,304	4	37,158,912	2	1.38E+15	48
3,379	142	7	60,492	3	37,222,744	2	1.39E+15	142

FermatCatalan

3,380	105,924	3	59,073	3	6,111	4	1.39E+15	2,037
3,381	91,785	3	85,666	3	6,119	4	1.40E+15	6,119
3,382	664	5	5,976	4	37,476,160	2	1.40E+15	664
3,383	2	49	29,360,128	2	6,144	4	1.42E+15	2
3,384	128	7	29,360,128	2	6,144	4	1.42E+15	128
3,385	127	7	96,774	3	112,903	3	1.44E+15	127
3,386	880	5	30,201,600	2	6,160	4	1.44E+15	880
3,387	6,162	4	2,054	3	112,970	3	1.44E+15	2,054
3,388	1,073	5	2,146	4	37,993,857	2	1.44E+15	1,073
3,389	975	5	4,875	4	38,025,000	2	1.45E+15	975
3,390	111,150	3	43,225	3	6,175	4	1.45E+15	6,175
3,391	609	5	6,090	4	38,200,743	2	1.46E+15	609
3,392	3,367	4	111,111	3	114,478	3	1.50E+15	3,367
3,393	644	5	6,118	4	38,881,500	2	1.51E+15	322
3,394	1,040	5	4,160	4	6,240	4	1.52E+15	1,040
3,395	1,040	5	4,160	4	38,937,600	2	1.52E+15	1,040
3,396	1,040	5	17,305,600	2	6,240	4	1.52E+15	1,040
3,397	5,894	4	67,781	3	114,933	3	1.52E+15	2,947
3,398	106,148	3	68,684	3	6,244	4	1.52E+15	6,244
3,399	48	9	55,296	3	24	11	1.52E+15	24
3,400	18,432	3	38,928,384	2	24	11	1.52E+15	24
3,401	110,592	3	55,296	3	24	11	1.52E+15	24
3,402	1,088	5	1,088	4	39,063,552	2	1.53E+15	1,088
3,403	29,282	3	38,813,291	2	33	10	1.53E+15	11
3,404	913	5	5,478	4	39,177,743	2	1.53E+15	913
3,405	1,090	4	39,207,300	2	1,090	5	1.54E+15	1,090
3,406	1,075	5	3,225	4	39,291,250	2	1.54E+15	1,075
3,407	4,080	4	35,604,800	2	340	6	1.54E+15	340
3,408	836	5	33,721,732	2	6,270	4	1.55E+15	418
3,409	1,092	5	1,266,993	2	6,279	4	1.55E+15	273
3,410	65,712	3	35,659,712	2	148	7	1.56E+15	148
3,411	33	10	29,403	3	39,458,826	2	1.56E+15	33
3,412	5,803	4	75,439	3	116,060	3	1.56E+15	5,803
3,413	66	8	106,480	3	39,589,264	2	1.57E+15	22
3,414	66	8	106,480	3	6,292	4	1.57E+15	22
3,415	4,356	4	106,480	3	6,292	4	1.57E+15	484
3,416	100,688	3	81,809	3	6,293	4	1.57E+15	6,293
3,417	6,130	4	55,170	3	116,470	3	1.58E+15	6,130
3,418	24	11	24	10	39,813,120	2	1.59E+15	24
3,419	24	11	576	5	39,813,120	2	1.59E+15	24
3,420	4,388	4	34,898,861	2	1,097	5	1.59E+15	1,097
3,421	6,316	4	15,790	3	116,846	3	1.60E+15	3,158
3,422	122	5	39,948,656	2	1,098	5	1.60E+15	122
3,423	342	5	39,972,447	2	6,327	4	1.60E+15	171
3,424	111,777	3	59,052	3	6,327	4	1.60E+15	2,109
3,425	5,324	4	5,324	4	117,128	3	1.61E+15	5,324
3,426	114,192	3	50,752	3	6,344	4	1.62E+15	6,344
3,427	63	8	111,132	3	40,257,567	2	1.62E+15	63
3,428	876	5	33,332,895	2	6,351	4	1.63E+15	219

FermatCatalan

3,429	2,210	4	40,293,825	2	1,105	5	1.65E+15	1,105
3,430	3,315	4	39,072,800	2	1,105	5	1.65E+15	1,105
3,431	6,123	4	63,271	3	118,378	3	1.66E+15	2,041
3,432	112	7	336	6	40,742,912	2	1.66E+15	112
3,433	112	7	112,896	3	40,742,912	2	1.66E+15	112
3,434	70	8	102,900	3	40,817,000	2	1.67E+15	70
3,435	1,100	5	2,750	4	40,837,500	2	1.67E+15	550
3,436	148	7	222	6	40,927,624	2	1.68E+15	74
3,437	148	7	49,284	3	40,927,624	2	1.68E+15	148
3,438	5,545	4	27,057,382	2	1,109	5	1.68E+15	1,109
3,439	320	6	24,576,000	2	6,400	4	1.68E+15	320
3,440	320	6	24,576,000	2	80	8	1.68E+15	80
3,441	96,000	3	28,160,000	2	80	8	1.68E+15	80
3,442	102,400	3	24,576,000	2	80	8	1.68E+15	80
3,443	848	5	5,936	4	40,988,928	2	1.68E+15	848
3,444	26	7	41,125,643	2	119,145	3	1.69E+15	13
3,445	968	5	968	5	41,229,056	2	1.70E+15	968
3,446	1,071	5	17,205,615	2	6,426	4	1.71E+15	1,071
3,447	112,500	3	16,875,000	2	150	7	1.71E+15	150
3,448	24	10	40,697,856	2	119,808	3	1.72E+15	24
3,449	150	7	1,875	4	41,484,375	2	1.72E+15	75
3,450	270	6	6,075	4	41,826,375	2	1.75E+15	135
3,451	6,347	4	50,776	3	120,593	3	1.75E+15	6,347
3,452	120,213	3	35,739	3	6,498	4	1.78E+15	3,249
3,453	1,113	5	2,968	4	42,255,787	2	1.79E+15	371
3,454	6,504	4	4,336	3	121,408	3	1.79E+15	2,168
3,455	1,116	5	8,060,868	2	6,510	4	1.80E+15	186
3,456	1,124	5	1,405	4	42,402,057	2	1.80E+15	281
3,457	48	9	4,608	4	42,467,328	2	1.80E+15	48
3,458	5,308	4	100,852	3	122,084	3	1.82E+15	5,308
3,459	65	8	38,996,750	2	122,525	3	1.84E+15	65
3,460	4,376	4	113,776	3	122,528	3	1.84E+15	4,376
3,461	5,198	4	33,352,628	2	1,130	5	1.84E+15	226
3,462	3	30	118,098	3	43,046,721	2	1.85E+15	3
3,463	3	30	118,098	3	9	16	1.85E+15	3
3,464	3	30	118,098	3	3	32	1.85E+15	3
3,465	3	30	118,098	3	81	8	1.85E+15	3
3,466	3	30	118,098	3	6,561	4	1.85E+15	3
3,467	9	15	118,098	3	43,046,721	2	1.85E+15	9
3,468	9	15	118,098	3	9	16	1.85E+15	9
3,469	9	15	118,098	3	3	32	1.85E+15	3
3,470	9	15	118,098	3	81	8	1.85E+15	9
3,471	9	15	118,098	3	6,561	4	1.85E+15	9
3,472	27	10	118,098	3	43,046,721	2	1.85E+15	27
3,473	27	10	118,098	3	9	16	1.85E+15	9
3,474	27	10	118,098	3	3	32	1.85E+15	3
3,475	27	10	118,098	3	81	8	1.85E+15	27
3,476	27	10	118,098	3	6,561	4	1.85E+15	27
3,477	243	6	118,098	3	9	16	1.85E+15	9

FermatCatalan

3,478	243	6	118,098	3	3	32	1.85E+15	3
3,479	243	6	118,098	3	81	8	1.85E+15	81
3,480	243	6	118,098	3	6,561	4	1.85E+15	243
3,481	729	5	118,098	3	9	16	1.85E+15	9
3,482	729	5	118,098	3	3	32	1.85E+15	3
3,483	729	5	118,098	3	81	8	1.85E+15	81
3,484	729	5	118,098	3	6,561	4	1.85E+15	729
3,485	118,098	3	59,049	3	9	16	1.85E+15	9
3,486	118,098	3	59,049	3	3	32	1.85E+15	3
3,487	118,098	3	59,049	3	81	8	1.85E+15	81
3,488	118,098	3	59,049	3	6,561	4	1.85E+15	6,561
3,489	118,098	3	14,348,907	2	9	16	1.85E+15	9
3,490	118,098	3	14,348,907	2	3	32	1.85E+15	3
3,491	118,098	3	14,348,907	2	81	8	1.85E+15	81
3,492	78	8	79,092	3	43,184,232	2	1.86E+15	78
3,493	6,318	4	16,632,135	2	351	6	1.87E+15	351
3,494	46,208	3	42,141,696	2	152	7	1.87E+15	152
3,495	115,520	3	69,312	3	152	7	1.87E+15	152
3,496	1,134	5	1,701	4	43,401,015	2	1.88E+15	567
3,497	106	7	41,685,560	2	123,596	3	1.89E+15	106
3,498	5,886	4	88,290	3	123,606	3	1.89E+15	5,886
3,499	1,100	5	16,940,000	2	6,600	4	1.90E+15	1,100
3,500	6,516	4	45,612	3	123,804	3	1.90E+15	6,516
3,501	4,977	4	109,494	3	124,425	3	1.93E+15	4,977
3,502	884	5	37,314,524	2	6,630	4	1.93E+15	442
3,503	5,295	4	33,893,648	2	353	6	1.93E+15	353
3,504	1,134	5	2,835	4	44,043,993	2	1.94E+15	567
3,505	79	7	43,880,471	2	124,820	3	1.94E+15	79
3,506	112,897	3	79,692	3	6,641	4	1.95E+15	6,641
3,507	61,875	3	41,343,750	2	15	13	1.95E+15	15
3,508	3,571	4	121,414	3	124,985	3	1.95E+15	3,571
3,509	1,140	5	2,280	4	44,186,400	2	1.95E+15	1,140
3,510	50	8	43,750,000	2	50	9	1.95E+15	50
3,511	50	8	43,750,000	2	125,000	3	1.95E+15	50
3,512	2,500	4	43,750,000	2	50	9	1.95E+15	50
3,513	109,375	3	25,390,625	2	50	9	1.95E+15	25
3,514	6,272	4	75,264	3	125,440	3	1.97E+15	6,272
3,515	6,393	4	68,192	3	125,729	3	1.99E+15	2,131
3,516	6,014	4	88,270	3	125,906	3	2.00E+15	194
3,517	12	14	72	8	44,789,760	2	2.01E+15	12
3,518	12	14	5,184	4	44,789,760	2	2.01E+15	12
3,519	72	8	144	7	44,789,760	2	2.01E+15	72
3,520	144	7	5,184	4	44,789,760	2	2.01E+15	144
3,521	5,735	4	97,495	3	126,170	3	2.01E+15	5,735
3,522	6,643	4	39,858	3	126,217	3	2.01E+15	6,643
3,523	957	5	34,802,262	2	6,699	4	2.01E+15	957
3,524	706	5	42,990,105	2	6,707	4	2.02E+15	353
3,525	300	6	6,000	4	45,000,000	2	2.03E+15	300
3,526	5,770	4	30,629,468	2	1,154	5	2.05E+15	1,154

FermatCatalan

3,527	804	5	6,432	4	45,249,120	2	2.05E+15	804
3,528	1,155	5	1,155	4	45,356,850	2	2.06E+15	1,155
3,529	449	5	45,158,624	2	6,735	4	2.06E+15	449
3,530	68	8	40,090,080	2	1,156	5	2.06E+15	68
3,531	68	8	40,090,080	2	34	10	2.06E+15	34
3,532	4,624	4	40,090,080	2	1,156	5	2.06E+15	1,156
3,533	4,624	4	40,090,080	2	34	10	2.06E+15	34
3,534	1,128	5	3,948	4	45,487,728	2	2.07E+15	564
3,535	1,157	4	45,514,066	2	1,157	5	2.07E+15	1,157
3,536	15	13	15	12	6,750	4	2.08E+15	15
3,537	15	13	15	12	45,562,500	2	2.08E+15	15
3,538	15	13	225	6	6,750	4	2.08E+15	15
3,539	15	13	225	6	45,562,500	2	2.08E+15	15
3,540	15	13	3,375	4	6,750	4	2.08E+15	15
3,541	15	13	3,375	4	45,562,500	2	2.08E+15	15
3,542	15	13	50,625	3	6,750	4	2.08E+15	15
3,543	15	13	50,625	3	45,562,500	2	2.08E+15	15
3,544	15	13	11,390,625	2	6,750	4	2.08E+15	15
3,545	101,250	3	101,250	3	6,750	4	2.08E+15	6,750
3,546	260	6	42,182,400	2	6,760	4	2.09E+15	260
3,547	1,056	5	5,280	4	45,720,576	2	2.09E+15	1,056
3,548	1,127	5	16,511,677	2	6,762	4	2.09E+15	1,127
3,549	6,734	4	33,670	3	127,946	3	2.09E+15	6,734
3,550	80	8	20,480,000	2	128,000	3	2.10E+15	80
3,551	1,144	5	3,432	4	45,805,760	2	2.10E+15	1,144
3,552	1,113	5	4,452	4	45,834,453	2	2.10E+15	1,113
3,553	847	5	40,892,313	2	6,776	4	2.11E+15	847
3,554	451	5	6,765	4	45,968,626	2	2.11E+15	451
3,555	108	7	44,404,848	2	6,804	4	2.14E+15	108
3,556	6,795	4	27,180	3	129,105	3	2.15E+15	6,795
3,557	124,905	3	59,046	3	6,813	4	2.15E+15	2,271
3,558	122,976	3	68,320	3	6,832	4	2.18E+15	6,832
3,559	1,168	5	1,752	4	46,724,672	2	2.18E+15	584
3,560	6,832	4	20,496	3	129,808	3	2.19E+15	6,832
3,561	109,440	3	95,760	3	6,840	4	2.19E+15	6,840
3,562	3,510	4	45,173,700	2	1,170	5	2.19E+15	1,170
3,563	6,318	4	24,475,932	2	1,170	5	2.19E+15	234
3,564	50	9	250	6	46,875,000	2	2.20E+15	50
3,565	50	9	62,500	3	46,875,000	2	2.20E+15	50
3,566	6,851	4	13,702	3	130,169	3	2.21E+15	6,851
3,567	2,344	4	46,701,856	2	1,172	5	2.21E+15	1,172
3,568	6,858	4	6,858	3	130,302	3	2.21E+15	6,858
3,569	130,340	3	6,860	3	6,860	4	2.21E+15	6,860
3,570	572	5	46,460,128	2	6,864	4	2.22E+15	572
3,571	130,473	3	13,734	3	6,867	4	2.22E+15	6,867
3,572	130,834	3	20,658	3	6,886	4	2.25E+15	6,886
3,573	392	5	47,328,512	2	1,176	5	2.25E+15	392
3,574	2	50	2	50	8	17	2.25E+15	2
3,575	2	50	2	50	2	51	2.25E+15	2

FermatCatalan

3,576	2	50	2	50	131,072	3	2.25E+15	2
3,577	2	50	4	25	8	17	2.25E+15	2
3,578	2	50	4	25	2	51	2.25E+15	2
3,579	2	50	4	25	131,072	3	2.25E+15	2
3,580	2	50	32	10	8	17	2.25E+15	2
3,581	2	50	32	10	2	51	2.25E+15	2
3,582	2	50	32	10	131,072	3	2.25E+15	2
3,583	2	50	1,024	5	8	17	2.25E+15	2
3,584	2	50	1,024	5	2	51	2.25E+15	2
3,585	2	50	1,024	5	131,072	3	2.25E+15	2
3,586	2	50	33,554,432	2	8	17	2.25E+15	2
3,587	2	50	33,554,432	2	2	51	2.25E+15	2
3,588	2	50	33,554,432	2	131,072	3	2.25E+15	2
3,589	4	25	4	25	8	17	2.25E+15	4
3,590	4	25	4	25	2	51	2.25E+15	2
3,591	4	25	4	25	131,072	3	2.25E+15	4
3,592	4	25	32	10	8	17	2.25E+15	4
3,593	4	25	32	10	2	51	2.25E+15	2
3,594	4	25	32	10	131,072	3	2.25E+15	4
3,595	4	25	1,024	5	8	17	2.25E+15	4
3,596	4	25	1,024	5	2	51	2.25E+15	2
3,597	4	25	1,024	5	131,072	3	2.25E+15	4
3,598	4	25	33,554,432	2	8	17	2.25E+15	4
3,599	4	25	33,554,432	2	2	51	2.25E+15	2
3,600	4	25	33,554,432	2	131,072	3	2.25E+15	4
3,601	32	10	32	10	8	17	2.25E+15	8
3,602	32	10	32	10	2	51	2.25E+15	2
3,603	32	10	32	10	131,072	3	2.25E+15	32
3,604	32	10	1,024	5	8	17	2.25E+15	8
3,605	32	10	1,024	5	2	51	2.25E+15	2
3,606	32	10	1,024	5	131,072	3	2.25E+15	32
3,607	32	10	33,554,432	2	8	17	2.25E+15	8
3,608	32	10	33,554,432	2	2	51	2.25E+15	2
3,609	32	10	33,554,432	2	131,072	3	2.25E+15	32
3,610	1,024	5	1,024	5	8	17	2.25E+15	8
3,611	1,024	5	1,024	5	2	51	2.25E+15	2
3,612	1,024	5	1,024	5	131,072	3	2.25E+15	1,024
3,613	1,024	5	33,554,432	2	8	17	2.25E+15	8
3,614	1,024	5	33,554,432	2	2	51	2.25E+15	2
3,615	114,688	3	27,262,976	2	8	17	2.25E+15	8
3,616	114,688	3	27,262,976	2	2	51	2.25E+15	2
3,617	54	8	46,766,808	2	131,220	3	2.26E+15	54
3,618	1,152	5	15,925,248	2	6,912	4	2.28E+15	1,152
3,619	1,176	5	32,928	3	131,712	3	2.28E+15	1,176
3,620	360	6	3,240	4	47,822,400	2	2.29E+15	360
3,621	131,537	3	27,692	3	6,923	4	2.30E+15	6,923
3,622	99	6	6,930	4	48,034,701	2	2.31E+15	99
3,623	123,032	3	76,895	3	1,183	5	2.32E+15	1,183
3,624	6	19	6,480	4	48,708,864	2	2.37E+15	6

FermatCatalan

3,625	6,669	4	73,359	3	133,380	3	2.37E+15	6,669
3,626	1,008	5	6,048	4	48,771,072	2	2.38E+15	1,008
3,627	132,696	3	34,920	3	6,984	4	2.38E+15	6,984
3,628	6,250	4	29,296,875	2	25	11	2.38E+15	25
3,629	6,250	4	29,296,875	2	5	22	2.38E+15	5
3,630	600	5	48,200,000	2	7,000	4	2.40E+15	200
3,631	580	5	6,960	4	49,114,400	2	2.41E+15	580
3,632	1,164	5	4,074	4	49,114,980	2	2.41E+15	582
3,633	18	9	134,136	3	49,128,768	2	2.41E+15	18
3,634	55	8	133,100	3	49,413,375	2	2.44E+15	55
3,635	156	6	7,020	4	49,426,416	2	2.44E+15	156
3,636	1,175	5	15,186,875	2	7,050	4	2.47E+15	1,175
3,637	910	5	43,050,225	2	7,055	4	2.48E+15	5
3,638	785	5	46,833,100	2	7,065	4	2.49E+15	785
3,639	6,005	4	34,617,624	2	1,201	5	2.50E+15	1,201
3,640	134,425	3	42,450	3	7,075	4	2.51E+15	7,075
3,641	132,216	3	59,025	3	7,083	4	2.52E+15	2,361
3,642	3,781	4	132,335	3	136,116	3	2.52E+15	3,781
3,643	3,321	4	49,017,960	2	369	6	2.52E+15	369
3,644	2	48	8	17	50,331,648	2	2.53E+15	2
3,645	2	48	131,072	3	50,331,648	2	2.53E+15	2
3,646	2	51	2	48	50,331,648	2	2.53E+15	2
3,647	2	51	4	24	50,331,648	2	2.53E+15	2
3,648	2	51	8	16	50,331,648	2	2.53E+15	2
3,649	2	51	16	12	50,331,648	2	2.53E+15	2
3,650	2	51	64	8	50,331,648	2	2.53E+15	2
3,651	2	51	256	6	50,331,648	2	2.53E+15	2
3,652	2	51	4,096	4	50,331,648	2	2.53E+15	2
3,653	2	51	65,536	3	50,331,648	2	2.53E+15	2
3,654	4	24	8	17	50,331,648	2	2.53E+15	4
3,655	4	24	131,072	3	50,331,648	2	2.53E+15	4
3,656	8	16	131,072	3	50,331,648	2	2.53E+15	8
3,657	8	17	8	16	50,331,648	2	2.53E+15	8
3,658	8	17	16	12	50,331,648	2	2.53E+15	8
3,659	8	17	64	8	50,331,648	2	2.53E+15	8
3,660	8	17	256	6	50,331,648	2	2.53E+15	8
3,661	8	17	4,096	4	50,331,648	2	2.53E+15	8
3,662	8	17	65,536	3	50,331,648	2	2.53E+15	8
3,663	16	12	131,072	3	50,331,648	2	2.53E+15	16
3,664	64	8	131,072	3	50,331,648	2	2.53E+15	64
3,665	4,706	4	127,062	3	136,474	3	2.54E+15	4,706
3,666	6,662	4	83,275	3	136,571	3	2.55E+15	3,331
3,667	120,870	3	92,430	3	7,110	4	2.56E+15	7,110
3,668	6,517	4	91,238	3	136,857	3	2.56E+15	6,517
3,669	1,096	5	31,531,920	2	7,124	4	2.58E+15	548
3,670	5,194	4	43,356,915	2	371	6	2.61E+15	371
3,671	1,209	5	2,418	4	51,158,835	2	2.62E+15	1,209
3,672	128,934	3	78,793	3	7,163	4	2.63E+15	7,163
3,673	738	5	7,011	4	51,332,697	2	2.64E+15	369

FermatCatalan

3,674	1,158	5	82,797	3	138,381	3	2.65E+15	579
3,675	1,058	5	1,058	5	51,490,744	2	2.65E+15	1,058
3,676	1,196	5	14,304,160	2	7,176	4	2.65E+15	1,196
3,677	126	7	46,437,300	2	7,182	4	2.66E+15	126
3,678	152	7	304	6	138,624	3	2.66E+15	152
3,679	152	7	92,416	3	138,624	3	2.66E+15	152
3,680	152	7	28,094,464	2	138,624	3	2.66E+15	152
3,681	30	10	6,750	4	51,637,500	2	2.67E+15	30
3,682	900	5	6,750	4	51,637,500	2	2.67E+15	450
3,683	4,868	4	45,913,759	2	1,217	5	2.67E+15	1,217
3,684	1,188	5	792	5	51,749,280	2	2.68E+15	396
3,685	136,838	3	50,414	3	7,202	4	2.69E+15	7,202
3,686	47	7	51,911,500	2	139,167	3	2.70E+15	47
3,687	1,032	5	39,405,888	2	7,224	4	2.72E+15	1,032
3,688	1,220	5	2,135	4	52,187,025	2	2.72E+15	305
3,689	7,224	4	9,632	3	139,664	3	2.72E+15	2,408
3,690	5,824	4	116,480	3	139,776	3	2.73E+15	5,824
3,691	7,000	4	70,000	3	140,000	3	2.74E+15	7,000
3,692	1,224	5	1,224	4	52,436,160	2	2.75E+15	1,224
3,693	245	6	50,421,000	2	1,225	5	2.76E+15	245
3,694	245	6	50,421,000	2	35	10	2.76E+15	35
3,695	60,025	3	50,421,000	2	35	10	2.76E+15	35
3,696	128,625	3	85,750	3	1,225	5	2.76E+15	1,225
3,697	128,625	3	85,750	3	35	10	2.76E+15	35
3,698	1,226	4	52,607,660	2	1,226	5	2.77E+15	1,226
3,699	5,408	4	43,869,696	2	52	9	2.78E+15	52
3,700	75	8	42,187,500	2	140,625	3	2.78E+15	75
3,701	75	8	42,187,500	2	375	6	2.78E+15	75
3,702	5,625	4	42,187,500	2	375	6	2.78E+15	375
3,703	5,409	4	124,407	3	140,634	3	2.78E+15	5,409
3,704	129,605	3	25,039,686	2	161	7	2.80E+15	161
3,705	152	7	98,192	3	53,116,096	2	2.82E+15	152
3,706	6,951	4	78,778	3	141,337	3	2.82E+15	2,317
3,707	1,215	5	3,645	4	7,290	4	2.82E+15	1,215
3,708	1,215	5	3,645	4	53,144,100	2	2.82E+15	1,215
3,709	1,215	5	13,286,025	2	7,290	4	2.82E+15	1,215
3,710	1,122	5	32,416,263	2	7,293	4	2.83E+15	561
3,711	1,188	5	4,752	4	53,631,072	2	2.88E+15	1,188
3,712	74	8	44,574,640	2	142,376	3	2.89E+15	74
3,713	220	6	7,260	4	53,772,400	2	2.89E+15	220
3,714	963	5	6,741	4	53,787,402	2	2.89E+15	963
3,715	3,711	4	52,025,746	2	1,237	5	2.90E+15	1,237
3,716	161	7	51,842	3	54,252,653	2	2.94E+15	161
3,717	2,482	4	53,902,835	2	1,241	5	2.94E+15	1,241
3,718	140,049	3	58,968	3	7,371	4	2.95E+15	7,371
3,719	1,170	5	5,265	4	54,413,775	2	2.96E+15	585
3,720	1,139	5	5,695	4	54,487,482	2	2.97E+15	1,139
3,721	7,372	4	25,802	3	143,754	3	2.97E+15	3,686
3,722	1,232	5	12,142,592	2	7,392	4	2.99E+15	1,232

FermatCatalan

3,723	35	10	61,250	3	54,665,625	2	2.99E+15	35
3,724	1,029	5	122,451	3	144,060	3	2.99E+15	1,029
3,725	6,552	4	104,832	3	144,144	3	2.99E+15	6,552
3,726	113	7	140,459	3	54,830,086	2	3.01E+15	113
3,727	161	7	59,248	3	144,417	3	3.01E+15	161
3,728	380	5	54,835,900	2	7,410	4	3.01E+15	190
3,729	6,250	4	6,250	4	1,250	5	3.05E+15	1,250
3,730	6,250	4	39,062,500	2	1,250	5	3.05E+15	1,250
3,731	7,271	4	65,439	3	145,420	3	3.08E+15	7,271
3,732	6,335	4	114,030	3	145,705	3	3.09E+15	6,335
3,733	119,536	3	112,065	3	7,471	4	3.12E+15	7,471
3,734	46	8	146,004	3	55,968,200	2	3.13E+15	46
3,735	1,247	5	10,885,063	2	7,482	4	3.13E+15	1,247
3,736	60	8	144,000	3	56,160,000	2	3.15E+15	60
3,737	102	7	55,222,120	2	146,812	3	3.16E+15	34
3,738	63	8	378	6	56,260,575	2	3.17E+15	63
3,739	63	8	142,884	3	56,260,575	2	3.17E+15	63
3,740	378	6	3,969	4	56,260,575	2	3.17E+15	189
3,741	146,367	3	33,777	3	7,506	4	3.17E+15	3,753
3,742	35	8	147,000	3	56,380,625	2	3.18E+15	35
3,743	141,232	3	71,877	3	1,261	5	3.19E+15	1,261
3,744	328	6	44,109,440	2	164	7	3.19E+15	164
3,745	107,584	3	44,109,440	2	164	7	3.19E+15	164
3,746	145	7	122,786	3	56,558,091	2	3.20E+15	29
3,747	26	9	56,524,416	2	147,368	3	3.20E+15	26
3,748	792	5	53,787,888	2	7,524	4	3.20E+15	396
3,749	5	22	93,750	3	56,640,625	2	3.21E+15	5
3,750	25	11	93,750	3	56,640,625	2	3.21E+15	25
3,751	28	7	147,588	3	56,699,272	2	3.21E+15	28
3,752	1,260	5	2,730	4	56,844,900	2	3.23E+15	210
3,753	3,997	4	143,892	3	147,889	3	3.23E+15	3,997
3,754	7,064	4	91,832	3	148,344	3	3.26E+15	7,064
3,755	252	6	54,867,456	2	7,560	4	3.27E+15	252
3,756	1,260	5	9,525,600	2	7,560	4	3.27E+15	1,260
3,757	136,080	3	90,720	3	7,560	4	3.27E+15	7,560
3,758	162	7	4,374	4	57,395,628	2	3.29E+15	162
3,759	31	9	57,258,302	2	148,955	3	3.30E+15	31
3,760	144,172	3	68,292	3	7,588	4	3.32E+15	7,588
3,761	7,602	4	12,670	3	149,506	3	3.34E+15	2,534
3,762	7,239	4	84,455	3	149,606	3	3.35E+15	2,413
3,763	145	7	126,150	3	57,923,875	2	3.36E+15	145
3,764	7,488	4	59,904	3	149,760	3	3.36E+15	7,488
3,765	1,271	5	8,077,205	2	7,626	4	3.38E+15	1,271
3,766	1,278	5	639	4	58,389,903	2	3.41E+15	639
3,767	5,120	4	52,428,800	2	1,280	5	3.44E+15	1,280
3,768	130,169	3	107,198	3	7,657	4	3.44E+15	7,657
3,769	107	7	148,837	3	58,802,064	2	3.46E+15	107
3,770	147	7	44,471,322	2	151,263	3	3.46E+15	147
3,771	1,210	5	5,445	4	58,930,025	2	3.47E+15	605

FermatCatalan

3,772	5,048	4	141,344	3	151,440	3	3.47E+15	5,048
3,773	148,422	3	58,857	3	7,677	4	3.47E+15	2,559
3,774	384	6	16,515,072	2	7,680	4	3.48E+15	384
3,775	960	5	51,609,600	2	7,680	4	3.48E+15	960
3,776	1,280	5	2,560	4	7,680	4	3.48E+15	1,280
3,777	1,280	5	2,560	4	58,982,400	2	3.48E+15	1,280
3,778	1,280	5	6,553,600	2	7,680	4	3.48E+15	1,280
3,779	1,287	5	4,969,107	2	7,722	4	3.56E+15	1,287
3,780	964	5	7,230	4	59,707,268	2	3.56E+15	482
3,781	12	14	6,912	4	59,719,680	2	3.57E+15	12
3,782	144	7	6,912	4	59,719,680	2	3.57E+15	144
3,783	1,105	5	6,630	4	7,735	4	3.58E+15	1,105
3,784	1,105	5	6,630	4	59,830,225	2	3.58E+15	1,105
3,785	1,105	5	43,956,900	2	7,735	4	3.58E+15	1,105
3,786	7,657	4	53,599	3	153,140	3	3.59E+15	7,657
3,787	835	5	7,515	4	59,961,350	2	3.60E+15	835
3,788	162	7	5,103	4	60,052,833	2	3.61E+15	81
3,789	1,292	5	3,338,528	2	7,752	4	3.61E+15	1,292
3,790	26	10	151,424	3	60,109,920	2	3.61E+15	26
3,791	1,295	5	1,295	4	7,770	4	3.64E+15	1,295
3,792	1,295	5	1,295	4	60,372,900	2	3.64E+15	1,295
3,793	1,295	5	1,677,025	2	7,770	4	3.64E+15	1,295
3,794	139,968	3	30,233,088	2	36	10	3.66E+15	36
3,795	139,968	3	30,233,088	2	6	20	3.66E+15	6
3,796	1,208	5	5,738	4	60,468,252	2	3.66E+15	302
3,797	1,297	4	60,559,524	2	1,297	5	3.67E+15	1,297
3,798	7,782	4	1,297	4	1,297	5	3.67E+15	1,297
3,799	7,782	4	1,682,209	2	1,297	5	3.67E+15	1,297
3,800	26	10	59,406,880	2	26	11	3.67E+15	26
3,801	676	5	59,406,880	2	26	11	3.67E+15	26
3,802	7,784	4	11,954	3	154,290	3	3.67E+15	278
3,803	306	6	53,723,655	2	7,803	4	3.71E+15	153
3,804	7,800	4	3,380,000	2	1,300	5	3.71E+15	1,300
3,805	88	8	10,903,552	2	154,880	3	3.72E+15	88
3,806	6,505	4	44,007,626	2	1,301	5	3.73E+15	1,301
3,807	1,288	5	3,864	4	61,380,928	2	3.77E+15	1,288
3,808	7,784	4	46,704	3	155,680	3	3.77E+15	7,784
3,809	80	8	128,000	3	61,440,000	2	3.77E+15	80
3,810	76	8	138,624	3	61,456,640	2	3.78E+15	76
3,811	119,168	3	45,660,160	2	168	7	3.78E+15	56
3,812	28	10	59,006,976	2	7,840	4	3.78E+15	28
3,813	784	5	59,006,976	2	7,840	4	3.78E+15	784
3,814	5,880	4	137,200	3	7,840	4	3.78E+15	1,960
3,815	4,698	4	57,426,003	2	1,305	5	3.78E+15	261
3,816	7,830	4	5,109,075	2	1,305	5	3.78E+15	1,305
3,817	3,918	4	59,697,260	2	1,306	5	3.80E+15	1,306
3,818	168	7	168	6	61,641,216	2	3.80E+15	168
3,819	168	7	28,224	3	61,641,216	2	3.80E+15	168
3,820	7	14	61,648,076	2	156,065	3	3.80E+15	7

FermatCatalan

3,821	49	7	61,648,076	2	156,065	3	3.80E+15	49
3,822	141	7	139,167	3	61,670,862	2	3.80E+15	141
3,823	149,321	3	78,590	3	7,859	4	3.81E+15	7,859
3,824	717	5	60,662,502	2	7,887	4	3.87E+15	717
3,825	2,624	4	61,968,384	2	1,312	5	3.89E+15	1,312
3,826	7,872	4	2,624	4	1,312	5	3.89E+15	1,312
3,827	7,872	4	6,885,376	2	1,312	5	3.89E+15	1,312
3,828	1,265	5	5,060	4	62,408,775	2	3.89E+15	1,265
3,829	50	9	50	9	62,500,000	2	3.91E+15	50
3,830	50	9	125,000	3	62,500,000	2	3.91E+15	50
3,831	7,875	4	39,375	3	157,500	3	3.91E+15	7,875
3,832	1,314	5	657	4	62,589,105	2	3.92E+15	657
3,833	161	7	322	6	62,599,215	2	3.92E+15	161
3,834	161	7	103,684	3	62,599,215	2	3.92E+15	161
3,835	1,032	5	52,422,848	2	7,912	4	3.92E+15	344
3,836	122	7	152,561	3	62,873,737	2	3.95E+15	61
3,837	5,859	4	140,616	3	158,193	3	3.96E+15	5,859
3,838	7,533	4	90,396	3	158,193	3	3.96E+15	7,533
3,839	7,936	4	31,744	3	158,720	3	4.00E+15	7,936
3,840	945	5	7,560	4	63,404,775	2	4.02E+15	945
3,841	7,926	4	8,725,205	2	1,321	5	4.02E+15	1,321
3,842	6,364	4	133,644	3	159,100	3	4.03E+15	6,364
3,843	1,178	5	6,479	4	63,486,543	2	4.03E+15	589
3,844	14	13	7,546	4	63,530,460	2	4.04E+15	14
3,845	138,915	3	111,132	3	1,323	5	4.05E+15	1,323
3,846	7,973	4	23,919	3	159,460	3	4.05E+15	7,973
3,847	1,152	5	1,152	5	63,700,992	2	4.06E+15	1,152
3,848	7,992	4	15,984	3	159,840	3	4.08E+15	7,992
3,849	7,999	4	7,999	3	159,980	3	4.09E+15	7,999
3,850	7,273	4	109,095	3	160,006	3	4.10E+15	7,273
3,851	252	5	64,008,063	2	8,001	4	4.10E+15	63
3,852	157,353	3	58,674	3	8,001	4	4.10E+15	2,667
3,853	160,020	3	8,001	3	8,001	4	4.10E+15	8,001
3,854	170	6	63,869,000	2	170	7	4.10E+15	170
3,855	28,900	3	63,869,000	2	170	7	4.10E+15	170
3,856	71	8	151,230	3	64,066,069	2	4.10E+15	71
3,857	160,160	3	16,016	3	8,008	4	4.11E+15	8,008
3,858	4,219	4	156,103	3	160,322	3	4.12E+15	4,219
3,859	1,224	5	6,120	4	64,421,568	2	4.15E+15	1,224
3,860	160,540	3	24,081	3	8,027	4	4.15E+15	8,027
3,861	144,522	3	104,377	3	8,029	4	4.16E+15	8,029
3,862	7,478	4	100,953	3	160,777	3	4.16E+15	3,739
3,863	147	7	51,765,560	2	160,867	3	4.16E+15	49
3,864	7,992	4	10,645,344	2	1,332	5	4.19E+15	1,332
3,865	3	29	8,019	4	64,835,802	2	4.20E+15	3
3,866	252	6	7,938	4	65,012,220	2	4.23E+15	126
3,867	161,280	3	32,256	3	8,064	4	4.23E+15	8,064
3,868	87,723	3	60,002,532	2	171	7	4.28E+15	171
3,869	1,104	5	7,176	4	65,511,360	2	4.29E+15	552

FermatCatalan

3,870	712	5	64,183,863	2	8,099	4	4.30E+15	89
3,871	2,700	4	162,000	3	90	8	4.30E+15	90
3,872	2,700	4	162,000	3	8,100	4	4.30E+15	2,700
3,873	162,000	3	7,290,000	2	90	8	4.30E+15	90
3,874	162,500	3	40,625	3	8,125	4	4.36E+15	8,125
3,875	47	9	56,998,827	2	163,466	3	4.37E+15	47
3,876	8,064	4	52,992	3	163,584	3	4.38E+15	1,152
3,877	139,776	3	118,272	3	1,344	5	4.39E+15	1,344
3,878	5,380	4	59,697,825	2	1,345	5	4.40E+15	1,345
3,879	8,070	4	12,663,175	2	1,345	5	4.40E+15	1,345
3,880	7,290	4	39,858,075	2	405	6	4.41E+15	405
3,881	511	5	66,585,855	2	8,176	4	4.47E+15	511
3,882	450	5	66,825,000	2	1,350	5	4.48E+15	450
3,883	735	5	8,085	4	66,987,900	2	4.49E+15	735
3,884	155,610	3	90,090	3	8,190	4	4.50E+15	8,190
3,885	2	51	2	51	16	13	4.50E+15	2
3,886	2	51	2	51	8,192	4	4.50E+15	2
3,887	2	51	2	51	4	26	4.50E+15	2
3,888	2	51	2	51	2	52	4.50E+15	2
3,889	2	51	2	51	67,108,864	2	4.50E+15	2
3,890	2	51	8	17	16	13	4.50E+15	2
3,891	2	51	8	17	8,192	4	4.50E+15	2
3,892	2	51	8	17	4	26	4.50E+15	2
3,893	2	51	8	17	2	52	4.50E+15	2
3,894	2	51	8	17	67,108,864	2	4.50E+15	2
3,895	2	51	131,072	3	16	13	4.50E+15	2
3,896	2	51	131,072	3	8,192	4	4.50E+15	2
3,897	2	51	131,072	3	4	26	4.50E+15	2
3,898	2	51	131,072	3	2	52	4.50E+15	2
3,899	2	51	131,072	3	67,108,864	2	4.50E+15	2
3,900	8	17	8	17	16	13	4.50E+15	8
3,901	8	17	8	17	8,192	4	4.50E+15	8
3,902	8	17	8	17	4	26	4.50E+15	4
3,903	8	17	8	17	2	52	4.50E+15	2
3,904	8	17	8	17	67,108,864	2	4.50E+15	8
3,905	8	17	131,072	3	16	13	4.50E+15	8
3,906	8	17	131,072	3	8,192	4	4.50E+15	8
3,907	8	17	131,072	3	4	26	4.50E+15	4
3,908	8	17	131,072	3	2	52	4.50E+15	2
3,909	8	17	131,072	3	67,108,864	2	4.50E+15	8
3,910	131,072	3	131,072	3	16	13	4.50E+15	16
3,911	131,072	3	131,072	3	8,192	4	4.50E+15	8,192
3,912	131,072	3	131,072	3	4	26	4.50E+15	4
3,913	131,072	3	131,072	3	2	52	4.50E+15	2
3,914	1,329	5	4,430	4	67,313,407	2	4.53E+15	443
3,915	1,348	5	3,033	4	67,346,417	2	4.54E+15	337
3,916	6,770	4	49,499,532	2	1,354	5	4.55E+15	1,354
3,917	135,564	3	127,348	3	8,216	4	4.56E+15	4,108
3,918	164,320	3	49,296	3	8,216	4	4.56E+15	8,216

FermatCatalan

3,919	6,912	4	6,912	4	165,888	3	4.57E+15	6,912
3,920	13	14	85,683	3	67,575,326	2	4.57E+15	13
3,921	169	7	85,683	3	67,575,326	2	4.57E+15	169
3,922	513	5	8,208	4	67,634,433	2	4.57E+15	513
3,923	1,353	5	2,706	4	67,732,533	2	4.59E+15	1,353
3,924	1,176	5	48,404,160	2	8,232	4	4.59E+15	1,176
3,925	39	8	67,878,512	2	166,465	3	4.61E+15	13
3,926	7,930	4	87,230	3	166,530	3	4.62E+15	7,930
3,927	1,323	5	83,349	3	166,698	3	4.63E+15	1,323
3,928	7,254	4	123,318	3	166,842	3	4.64E+15	7,254
3,929	8,160	4	14,796,800	2	1,360	5	4.65E+15	1,360
3,930	18	11	67,788,252	2	8,262	4	4.66E+15	18
3,931	7,833	4	96,607	3	167,104	3	4.67E+15	2,611
3,932	6,965	4	132,335	3	167,160	3	4.67E+15	6,965
3,933	167	7	32,602,241	2	167,334	3	4.69E+15	167
3,934	5,402	4	156,658	3	167,462	3	4.70E+15	5,402
3,935	107,653	3	58,778,538	2	91	8	4.70E+15	91
3,936	140,896	3	124,320	3	8,288	4	4.72E+15	8,288
3,937	1,080	5	7,560	4	68,817,600	2	4.74E+15	1,080
3,938	8,200	4	15,129,000	2	410	6	4.75E+15	410
3,939	1,008	5	7,812	4	69,028,848	2	4.76E+15	252
3,940	1,368	5	1,368	4	69,242,688	2	4.79E+15	1,368
3,941	816	5	8,160	4	69,249,024	2	4.80E+15	816
3,942	1,224	5	6,732	4	69,290,640	2	4.80E+15	612
3,943	1,370	4	69,445,300	2	1,370	5	4.83E+15	1,370
3,944	151,380	3	36,876,168	2	174	7	4.83E+15	174
3,945	1,368	5	2,508	4	69,502,608	2	4.83E+15	228
3,946	166,860	3	58,401	3	8,343	4	4.84E+15	8,343
3,947	55	7	69,711,125	2	169,400	3	4.86E+15	55
3,948	134,456	3	134,456	3	1,372	5	4.86E+15	1,372
3,949	28	10	8,232	4	69,917,120	2	4.89E+15	28
3,950	784	5	8,232	4	69,917,120	2	4.89E+15	392
3,951	6,992	4	136,160	3	170,016	3	4.91E+15	368
3,952	736	5	8,280	4	70,115,776	2	4.92E+15	184
3,953	106	7	168,540	3	70,269,944	2	4.94E+15	106
3,954	97	7	169,362	3	70,275,821	2	4.94E+15	97
3,955	260	5	70,299,775	2	8,385	4	4.94E+15	65
3,956	1,290	5	37,026,225	2	8,385	4	4.94E+15	645
3,957	4,131	4	68,260,644	2	1,377	5	4.95E+15	1,377
3,958	8,262	4	4,131	4	1,377	5	4.95E+15	1,377
3,959	8,262	4	17,065,161	2	1,377	5	4.95E+15	1,377
3,960	8,394	4	19,586	3	170,678	3	4.97E+15	2,798
3,961	336	6	59,496,192	2	8,400	4	4.98E+15	336
3,962	1,363	5	4,089	4	70,595,222	2	4.98E+15	1,363
3,963	164	6	70,506,183	2	8,405	4	4.99E+15	41
3,964	410	6	15,507,225	2	8,405	4	4.99E+15	205
3,965	147,140	3	121,916	3	8,408	4	5.00E+15	4,204
3,966	936	5	65,707,200	2	8,424	4	5.04E+15	936
3,967	2,770	4	70,974,325	2	1,385	5	5.10E+15	1,385

FermatCatalan

3,968	260	6	69,205,500	2	8,450	4	5.10E+15	130
3,969	4,447	4	168,986	3	173,433	3	5.22E+15	4,447
3,970	1,344	5	5,376	4	72,253,440	2	5.22E+15	1,344
3,971	8,261	4	82,610	3	173,481	3	5.22E+15	8,261
3,972	17	12	167,042	3	72,412,707	2	5.24E+15	17
3,973	170,240	3	68,096	3	8,512	4	5.25E+15	8,512
3,974	1,204	5	7,224	4	72,480,800	2	5.25E+15	1,204
3,975	7,904	4	110,656	3	173,888	3	5.26E+15	7,904
3,976	1,386	5	3,465	4	72,517,599	2	5.26E+15	693
3,977	1,312	5	37,439,232	2	8,528	4	5.29E+15	656
3,978	1,158	5	7,527	4	72,747,297	2	5.29E+15	579
3,979	8,376	4	19,488,160	2	1,396	5	5.30E+15	1,396
3,980	8,524	4	38,358	3	174,742	3	5.34E+15	4,262
3,981	1,071	5	63,087,255	2	8,568	4	5.39E+15	1,071
3,982	154,368	3	120,064	3	8,576	4	5.41E+15	8,576
3,983	87,808	3	68,841,472	2	56	9	5.42E+15	56
3,984	1,040	5	64,828,400	2	8,580	4	5.42E+15	260
3,985	163,153	3	103,044	3	8,587	4	5.44E+15	8,587
3,986	62,658	3	72,088,029	2	177	7	5.44E+15	177
3,987	8,139	4	103,094	3	176,345	3	5.48E+15	2,713
3,988	420	5	74,043,900	2	8,610	4	5.50E+15	210
3,989	7,045	4	55,587,868	2	1,409	5	5.55E+15	1,409
3,990	6,327	4	158,175	3	177,156	3	5.56E+15	6,327
3,991	420	6	3,150	4	74,749,500	2	5.59E+15	210
3,992	5,648	4	67,787,296	2	1,412	5	5.61E+15	1,412
3,993	177,489	3	30,303	3	8,658	4	5.62E+15	4,329
3,994	164	7	134,480	3	74,986,048	2	5.62E+15	164
3,995	8,502	4	22,086,779	2	1,417	5	5.71E+15	1,417
3,996	1,311	5	6,555	4	75,623,724	2	5.72E+15	1,311
3,997	176,961	3	58,020	3	8,703	4	5.74E+15	2,901
3,998	8,532	4	76,788	3	179,172	3	5.75E+15	8,532
3,999	1,245	5	52,700,850	2	8,715	4	5.77E+15	1,245
4,000	1,420	5	2,130	4	76,119,100	2	5.79E+15	710
4,001	11	14	175,692	3	76,177,123	2	5.80E+15	11
4,002	121	7	175,692	3	76,177,123	2	5.80E+15	121
4,003	174,580	3	78,561	3	8,729	4	5.81E+15	8,729
4,004	672	5	75,414,528	2	8,736	4	5.82E+15	672
4,005	6,928	4	152,416	3	180,128	3	5.84E+15	6,928
4,006	162	7	162	7	8,748	4	5.86E+15	162
4,007	162	7	162	7	76,527,504	2	5.86E+15	162
4,008	162,652	3	118,692	3	8,792	4	5.98E+15	4,396
4,009	1,428	5	2,856	4	77,488,992	2	6.00E+15	1,428
4,010	1,424	5	3,560	4	77,562,432	2	6.02E+15	712
4,011	8,808	4	23,488	3	182,032	3	6.03E+15	2,936
4,012	147	6	8,820	4	77,857,227	2	6.06E+15	147
4,013	151	7	65,416,069	2	182,408	3	6.07E+15	151
4,014	45	8	182,250	3	77,911,875	2	6.07E+15	45
4,015	1,250	5	1,250	5	78,125,000	2	6.10E+15	1,250
4,016	420	6	5,040	4	78,321,600	2	6.13E+15	420

FermatCatalan

4,017	12	12	78,630,912	2	1,440	5	6.19E+15	12
4,018	144	6	78,630,912	2	1,440	5	6.19E+15	144
4,019	1,728	4	78,630,912	2	1,440	5	6.19E+15	288
4,020	8,640	4	24,883,200	2	1,440	5	6.19E+15	1,440
4,021	8,749	4	69,992	3	183,729	3	6.20E+15	8,749
4,022	1,440	5	5,126,400	2	8,880	4	6.22E+15	240
4,023	151,398	3	140,634	3	8,892	4	6.25E+15	234
4,024	680	5	8,840	4	79,070,400	2	6.25E+15	680
4,025	91	8	115,934	3	79,124,955	2	6.26E+15	91
4,026	1,443	5	1,443	4	79,125,462	2	6.26E+15	1,443
4,027	30	8	79,245,000	2	184,500	3	6.28E+15	30
4,028	5,768	4	173,040	3	184,576	3	6.29E+15	5,768
4,029	1,445	4	79,344,950	2	1,445	5	6.30E+15	1,445
4,030	123,462	3	66,854,673	2	57	9	6.35E+15	57
4,031	363	6	7,986	4	79,720,245	2	6.36E+15	363
4,032	1,425	5	78,375	3	185,250	3	6.36E+15	1,425
4,033	8,071	4	129,136	3	185,633	3	6.40E+15	8,071
4,034	4,350	4	77,792,500	2	1,450	5	6.41E+15	1,450
4,035	8,451	4	109,863	3	185,922	3	6.43E+15	8,451
4,036	83	7	80,050,180	2	186,003	3	6.44E+15	83
4,037	1,416	5	27,848,000	2	8,968	4	6.47E+15	472
4,038	1,440	5	4,320	4	80,870,400	2	6.54E+15	1,440
4,039	300	6	180,000	3	9,000	4	6.56E+15	300
4,040	180,000	3	90,000	3	9,000	4	6.56E+15	9,000
4,041	4,681	4	182,559	3	187,240	3	6.56E+15	4,681
4,042	8,918	4	62,426	3	187,278	3	6.57E+15	8,918
4,043	153,153	3	144,144	3	9,009	4	6.59E+15	9,009
4,044	1,430	5	5,005	4	81,284,775	2	6.61E+15	715
4,045	3	28	1,458	5	81,310,473	2	6.61E+15	3
4,046	9	14	1,458	5	81,310,473	2	6.61E+15	9
4,047	81	7	1,458	5	81,310,473	2	6.61E+15	81
4,048	1,458	5	2,187	4	81,310,473	2	6.61E+15	729
4,049	8,342	4	120,959	3	187,695	3	6.61E+15	4,171
4,050	182,182	3	82,810	3	182	7	6.61E+15	182
4,051	2,920	4	81,000,800	2	1,460	5	6.63E+15	1,460
4,052	2	39	188,416	3	81,788,928	2	6.69E+15	2
4,053	8	13	188,416	3	81,788,928	2	6.69E+15	8
4,054	1,206	5	64,358,793	2	9,045	4	6.69E+15	603
4,055	172,064	3	117,728	3	9,056	4	6.73E+15	9,056
4,056	8,790	4	27,900,925	2	1,465	5	6.75E+15	1,465
4,057	7,330	4	62,325,524	2	1,466	5	6.77E+15	1,466
4,058	174	7	44,119,701	2	435	6	6.78E+15	87
4,059	174	7	44,119,701	2	189,225	3	6.78E+15	87
4,060	187,674	3	57,513	3	9,081	4	6.80E+15	3,027
4,061	350	6	8,400	4	82,565,000	2	6.82E+15	350
4,062	866	5	79,682,825	2	9,093	4	6.84E+15	433
4,063	9,045	4	54,270	3	189,945	3	6.85E+15	9,045
4,064	1,437	5	27,074,038	2	9,101	4	6.86E+15	479
4,065	156,282	3	145,119	3	183	7	6.87E+15	183

FermatCatalan

4,066	174,887	3	39,040,732	2	183	7	6.87E+15	61
4,067	7,625	4	152,500	3	190,625	3	6.93E+15	7,625
4,068	1,425	5	5,700	4	83,255,625	2	6.93E+15	1,425
4,069	46	9	182,505	3	83,672,459	2	7.00E+15	23
4,070	1,476	5	369	5	83,739,015	2	7.01E+15	369
4,071	7,992	4	143,856	3	191,808	3	7.06E+15	7,992
4,072	9,136	4	45,680	3	191,856	3	7.06E+15	9,136
4,073	1,312	5	56,804,352	2	9,184	4	7.11E+15	1,312
4,074	5,924	4	76,767,635	2	1,481	5	7.12E+15	1,481
4,075	165,726	3	138,105	3	9,207	4	7.19E+15	9,207
4,076	9,197	4	36,788	3	193,137	3	7.20E+15	9,197
4,077	1,476	5	15,386,193	2	9,225	4	7.24E+15	369
4,078	1,088	5	8,704	4	85,229,568	2	7.26E+15	1,088
4,079	9,234	4	27,702	3	193,914	3	7.29E+15	9,234
4,080	1,455	5	5,335	4	85,621,900	2	7.33E+15	485
4,081	9,253	4	18,506	3	194,313	3	7.34E+15	9,253
4,082	180	7	34,992,000	2	194,400	3	7.35E+15	180
4,083	9,260	4	9,260	3	194,460	3	7.35E+15	9,260
4,084	194,502	3	9,262	3	9,262	4	7.36E+15	9,262
4,085	194,649	3	18,538	3	9,269	4	7.38E+15	9,269
4,086	301	6	9,030	4	85,980,349	2	7.39E+15	301
4,087	8,952	4	31,164,896	2	1,492	5	7.39E+15	1,492
4,088	3	32	27	11	86,093,442	2	7.41E+15	3
4,089	3	32	177,147	3	86,093,442	2	7.41E+15	3
4,090	3	33	3	32	86,093,442	2	7.41E+15	3
4,091	3	33	9	16	86,093,442	2	7.41E+15	3
4,092	3	33	81	8	86,093,442	2	7.41E+15	3
4,093	3	33	6,561	4	86,093,442	2	7.41E+15	3
4,094	9	16	27	11	86,093,442	2	7.41E+15	9
4,095	9	16	177,147	3	86,093,442	2	7.41E+15	9
4,096	27	11	81	8	86,093,442	2	7.41E+15	27
4,097	27	11	6,561	4	86,093,442	2	7.41E+15	27
4,098	81	8	177,147	3	86,093,442	2	7.41E+15	81
4,099	370	6	69,647,875	2	185	7	7.42E+15	185
4,100	136,900	3	69,647,875	2	185	7	7.42E+15	185
4,101	1,092	5	76,615,812	2	9,282	4	7.42E+15	546
4,102	1,199	5	8,393	4	86,256,060	2	7.44E+15	1,199
4,103	195,048	3	27,864	3	9,288	4	7.44E+15	9,288
4,104	8,769	4	116,920	3	195,841	3	7.51E+15	2,923
4,105	1,305	5	7,830	4	86,854,275	2	7.54E+15	1,305
4,106	1,464	5	5,368	4	86,922,560	2	7.56E+15	488
4,107	8,920	4	107,040	3	196,240	3	7.56E+15	8,920
4,108	195,825	3	37,300	3	9,325	4	7.56E+15	9,325
4,109	1,470	5	5,145	4	86,976,225	2	7.56E+15	735
4,110	186,620	3	102,641	3	9,331	4	7.58E+15	9,331
4,111	2	49	83,886,080	2	196,608	3	7.60E+15	2
4,112	128	7	83,886,080	2	196,608	3	7.60E+15	128
4,113	5,328	4	82,797,120	2	444	6	7.66E+15	444
4,114	182,676	3	117,100	3	9,368	4	7.70E+15	4,684

FermatCatalan

4,115	6,813	4	177,138	3	197,577	3	7.71E+15	6,813
4,116	9,324	4	53,724	3	197,580	3	7.71E+15	444
4,117	170	7	60,174,424	2	197,676	3	7.72E+15	34
4,118	375	6	70,312,500	2	9,375	4	7.72E+15	375
4,119	1,250	5	68,359,375	2	9,375	4	7.72E+15	625
4,120	197,106	3	46,930	3	9,386	4	7.76E+15	9,386
4,121	8,900	4	38,614,875	2	445	6	7.77E+15	445
4,122	1,400	5	7,000	4	88,200,000	2	7.78E+15	1,400
4,123	1,505	5	3,010	4	88,335,975	2	7.80E+15	1,505
4,124	1,008	5	9,072	4	88,397,568	2	7.81E+15	1,008
4,125	56	9	49,172,480	2	9,408	4	7.83E+15	56
4,126	66	8	196,020	3	88,836,264	2	7.89E+15	66
4,127	1,452	5	38,476,548	2	9,438	4	7.93E+15	726
4,128	1,180	5	75,189,600	2	9,440	4	7.94E+15	1,180
4,129	1,512	5	36,288	3	199,584	3	7.95E+15	1,512
4,130	7,371	4	171,639	3	200,070	3	8.01E+15	1,053
4,131	55	8	199,650	3	89,676,125	2	8.04E+15	55
4,132	199,017	3	56,862	3	9,477	4	8.07E+15	9,477
4,133	1,508	5	4,147	4	89,967,657	2	8.09E+15	377
4,134	10	14	200,000	3	90,000,000	2	8.10E+15	10
4,135	100	7	200,000	3	90,000,000	2	8.10E+15	100
4,136	1,520	5	1,520	4	90,105,600	2	8.12E+15	1,520
4,137	9,126	4	34,701,615	2	39	10	8.14E+15	39
4,138	9,126	4	34,701,615	2	1,521	5	8.14E+15	1,521
4,139	1,359	5	7,701	4	90,291,960	2	8.15E+15	453
4,140	1,522	4	90,342,876	2	1,522	5	8.17E+15	1,522
4,141	164	6	90,370,560	2	9,512	4	8.19E+15	164
4,142	4,921	4	196,840	3	201,761	3	8.21E+15	4,921
4,143	4,575	4	88,373,750	2	1,525	5	8.25E+15	1,525
4,144	7,625	4	69,768,750	2	1,525	5	8.25E+15	1,525
4,145	8,601	4	52,681,918	2	1,525	5	8.25E+15	61
4,146	8,792	4	131,880	3	202,216	3	8.27E+15	8,792
4,147	97,216	3	85,876,224	2	28	11	8.29E+15	28
4,148	15	13	79,734,375	2	202,500	3	8.30E+15	15
4,149	15	13	79,734,375	2	450	6	8.30E+15	15
4,150	37	10	151,959	3	202,612	3	8.32E+15	37
4,151	1,369	5	151,959	3	202,612	3	8.32E+15	1,369
4,152	1,470	5	38,355,975	2	9,555	4	8.34E+15	735
4,153	6,146	4	190,526	3	202,818	3	8.34E+15	6,146
4,154	7,516	4	172,868	3	202,932	3	8.36E+15	7,516
4,155	1,530	5	1,785	4	91,620,225	2	8.39E+15	255
4,156	898	5	9,429	4	92,131,657	2	8.49E+15	449
4,157	182,457	3	134,442	3	9,603	4	8.50E+15	9,603
4,158	201,684	3	67,228	3	9,604	4	8.51E+15	9,604
4,159	201,684	3	67,228	3	98	8	8.51E+15	98
4,160	1,519	5	4,557	4	92,294,440	2	8.52E+15	1,519
4,161	2	45	92,274,688	2	1,536	5	8.55E+15	2
4,162	8	15	92,274,688	2	1,536	5	8.55E+15	8
4,163	32	9	92,274,688	2	1,536	5	8.55E+15	32

FermatCatalan

4,164	512	5	92,274,688	2	1,536	5	8.55E+15	512
4,165	196,608	3	98,304	3	1,536	5	8.55E+15	1,536
4,166	3,074	4	92,132,391	2	1,537	5	8.58E+15	1,537
4,167	9,317	4	102,487	3	204,974	3	8.61E+15	9,317
4,168	378	6	178,605	3	189	7	8.61E+15	189
4,169	178,605	3	142,884	3	189	7	8.61E+15	189
4,170	178,605	3	54,010,152	2	189	7	8.61E+15	189
4,171	1,377	5	60,676,128	2	9,639	4	8.63E+15	1,377
4,172	188	7	70,688	3	93,025,408	2	8.65E+15	188
4,173	136	7	88,503,360	2	9,656	4	8.69E+15	136
4,174	9,093	4	124,271	3	206,108	3	8.76E+15	3,031
4,175	9,672	4	32,240	3	206,336	3	8.78E+15	3,224
4,176	9,555	4	23,186,800	2	455	6	8.87E+15	455
4,177	1,185	5	9,006	4	94,420,089	2	8.92E+15	237
4,178	1,185	5	9,006	4	9,717	4	8.92E+15	237
4,179	1,185	5	81,108,036	2	9,717	4	8.92E+15	237
4,180	135	7	90,049,725	2	9,720	4	8.93E+15	135
4,181	775	5	93,096,875	2	1,550	5	8.95E+15	775
4,182	194,560	3	116,736	3	9,728	4	8.96E+15	9,728
4,183	6,208	4	86,713,344	2	1,552	5	9.00E+15	1,552
4,184	9,312	4	6,208	4	1,552	5	9.00E+15	1,552
4,185	9,312	4	38,539,264	2	1,552	5	9.00E+15	1,552
4,186	2	52	2	52	2	53	9.01E+15	2
4,187	2	52	4	26	2	53	9.01E+15	2
4,188	2	52	16	13	2	53	9.01E+15	2
4,189	2	52	8,192	4	2	53	9.01E+15	2
4,190	2	52	67,108,864	2	2	53	9.01E+15	2
4,191	4	26	4	26	2	53	9.01E+15	2
4,192	4	26	16	13	2	53	9.01E+15	2
4,193	4	26	8,192	4	2	53	9.01E+15	2
4,194	4	26	67,108,864	2	2	53	9.01E+15	2
4,195	16	13	16	13	2	53	9.01E+15	2
4,196	16	13	8,192	4	2	53	9.01E+15	2
4,197	16	13	67,108,864	2	2	53	9.01E+15	2
4,198	8,192	4	8,192	4	2	53	9.01E+15	2
4,199	8,192	4	67,108,864	2	2	53	9.01E+15	2
4,200	1,352	5	1,352	5	95,051,008	2	9.03E+15	1,352
4,201	975	5	90,309,375	2	9,750	4	9.04E+15	975
4,202	1,085	5	87,114,650	2	9,765	4	9.09E+15	1,085
4,203	9,765	4	20,460	3	208,785	3	9.10E+15	465
4,204	1,508	5	6,032	4	95,510,688	2	9.12E+15	1,508
4,205	205,233	3	78,184	3	9,773	4	9.12E+15	9,773
4,206	56	9	7,840	4	95,886,336	2	9.19E+15	56
4,207	176,418	3	61,128,837	2	99	8	9.23E+15	99
4,208	577	5	95,883,552	2	9,809	4	9.26E+15	577
4,209	9,772	4	53,746	3	210,098	3	9.27E+15	4,886
4,210	34	10	85,191,420	2	9,826	4	9.32E+15	34
4,211	1,156	5	85,191,420	2	9,826	4	9.32E+15	578
4,212	167,042	3	167,042	3	9,826	4	9.32E+15	9,826

FermatCatalan

4,213	153	7	85,957,848	2	210,681	3	9.35E+15	153
4,214	153	7	85,957,848	2	459	6	9.35E+15	153
4,215	579	5	9,843	4	97,219,890	2	9.45E+15	579
4,216	28	11	34,420,736	2	1,568	5	9.48E+15	28
4,217	174	7	68,484,312	2	211,932	3	9.52E+15	174
4,218	6,594	4	87,454,652	2	1,570	5	9.54E+15	314
4,219	9,648	4	96,480	3	212,256	3	9.56E+15	9,648
4,220	211,008	3	56,049	3	9,891	4	9.57E+15	3,297
4,221	211,968	3	9,732,096	2	192	7	9.62E+15	192
4,222	1,122	5	88,716,353	2	9,911	4	9.65E+15	187
4,223	178,704	3	158,848	3	9,928	4	9.72E+15	9,928
4,224	462	5	98,557,767	2	9,933	4	9.73E+15	231
4,225	8,911	4	151,487	3	213,864	3	9.78E+15	8,911
4,226	1,504	5	6,768	4	98,963,200	2	9.79E+15	752
4,227	214,011	3	24,885	3	9,954	4	9.82E+15	4,977
4,228	189	7	107,163	3	214,326	3	9.85E+15	189
4,229	1,580	5	790	4	99,231,900	2	9.85E+15	790
4,230	17	12	9,826	4	17	13	9.90E+15	17
4,231	17	12	96,550,276	2	17	13	9.90E+15	17
4,232	289	6	9,826	4	17	13	9.90E+15	17
4,233	289	6	96,550,276	2	17	13	9.90E+15	17
4,234	4,913	4	96,550,276	2	17	13	9.90E+15	17
4,235	9,826	4	4,913	4	17	13	9.90E+15	17
4,236	9,826	4	83,521	3	17	13	9.90E+15	17
4,237	9,826	4	24,137,569	2	17	13	9.90E+15	17
4,238	83,521	3	96,550,276	2	17	13	9.90E+15	17
4,239	167,042	3	72,412,707	2	17	13	9.90E+15	17
4,240	209,790	3	89,910	3	9,990	4	9.96E+15	9,990
4,241	1,158	4	99,864,569	2	193	7	9.97E+15	193
4,242	1,584	5	1,320	4	99,874,368	2	9.97E+15	264
4,243	2,853	4	99,685,088	2	1,585	5	1.00E+16	317
4,244	9,510	4	42,707,825	2	1,585	5	1.00E+16	1,585
4,245	7,930	4	77,977,276	2	1,586	5	1.00E+16	1,586
4,246	330	6	9,680	4	100,357,400	2	1.01E+16	110
4,247	1,584	5	3,168	4	100,362,240	2	1.01E+16	1,584
4,248	60	9	1,800	4	100,440,000	2	1.01E+16	60
4,249	8,315	4	174,615	3	216,190	3	1.01E+16	8,315
4,250	186	7	49,065,777	2	216,225	3	1.01E+16	93
4,251	186	7	49,065,777	2	465	6	1.01E+16	93
4,252	2	53	2	50	100,663,296	2	1.01E+16	2
4,253	2	53	4	25	100,663,296	2	1.01E+16	2
4,254	2	53	32	10	100,663,296	2	1.01E+16	2
4,255	2	53	1,024	5	100,663,296	2	1.01E+16	2
4,256	6	20	432	6	100,776,960	2	1.02E+16	6
4,257	6	20	186,624	3	100,776,960	2	1.02E+16	6
4,258	36	10	432	6	100,776,960	2	1.02E+16	36
4,259	36	10	186,624	3	100,776,960	2	1.02E+16	36
4,260	432	6	1,296	5	100,776,960	2	1.02E+16	432
4,261	432	6	7,776	4	100,776,960	2	1.02E+16	432

FermatCatalan

4,262	9,423	4	131,922	3	216,729	3	1.02E+16	9,423
4,263	1,100	5	9,625	4	100,959,375	2	1.02E+16	275
4,264	4,914	4	212,706	3	216,918	3	1.02E+16	702
4,265	5,167	4	211,847	3	217,014	3	1.02E+16	5,167
4,266	9,191	4	145,642	3	217,049	3	1.02E+16	707
4,267	330	6	94,715,775	2	10,065	4	1.03E+16	165
4,268	9,254	4	143,437	3	217,469	3	1.03E+16	4,627
4,269	465	6	13,934,500	2	10,075	4	1.03E+16	155
4,270	1,440	5	64,281,600	2	10,080	4	1.03E+16	1,440
4,271	1,560	5	33,432,256	2	10,088	4	1.04E+16	104
4,272	9,919	4	89,271	3	218,218	3	1.04E+16	9,919
4,273	18	12	209,952	3	102,036,672	2	1.04E+16	18
4,274	1,491	5	7,455	4	102,261,726	2	1.05E+16	1,491
4,275	1,599	5	1,599	4	102,272,040	2	1.05E+16	1,599
4,276	420	6	8,400	4	102,312,000	2	1.05E+16	420
4,277	191	7	34,839,355	2	218,886	3	1.05E+16	191
4,278	1,601	4	102,528,040	2	1,601	5	1.05E+16	1,601
4,279	9,709	4	117,895	3	219,146	3	1.05E+16	1,387
4,280	8,766	4	166,554	3	219,150	3	1.05E+16	8,766
4,281	10,122	4	37,114	3	219,310	3	1.05E+16	3,374
4,282	4,806	4	100,089,756	2	1,602	5	1.06E+16	1,602
4,283	207,788	3	116,564	3	10,136	4	1.06E+16	5,068
4,284	7,317	4	197,559	3	219,510	3	1.06E+16	7,317
4,285	28	11	131,712	3	219,520	3	1.06E+16	28
4,286	11	13	102,750,538	2	219,615	3	1.06E+16	11
4,287	1,408	5	8,448	4	103,088,128	2	1.06E+16	1,408
4,288	1,140	5	9,690	4	103,643,100	2	1.07E+16	570
4,289	195	7	195	6	103,808,250	2	1.08E+16	195
4,290	195	7	38,025	3	103,808,250	2	1.08E+16	195
4,291	51	8	103,733,082	2	221,085	3	1.08E+16	51
4,292	203,940	3	132,561	3	10,197	4	1.08E+16	10,197
4,293	972	5	99,910,908	2	10,206	4	1.08E+16	486
4,294	194,446	3	153,510	3	10,234	4	1.10E+16	10,234
4,295	6,536	4	209,152	3	222,224	3	1.10E+16	6,536
4,296	40	10	4,800	4	104,960,000	2	1.10E+16	40
4,297	1,600	5	4,800	4	104,960,000	2	1.10E+16	1,600
4,298	3,232	4	104,458,240	2	1,616	5	1.10E+16	1,616
4,299	855	5	103,074,525	2	10,260	4	1.11E+16	855
4,300	215,481	3	102,610	3	10,261	4	1.11E+16	10,261
4,301	10,136	4	81,088	3	222,992	3	1.11E+16	10,136
4,302	1,372	5	79,060,128	2	14	14	1.11E+16	14
4,303	1,372	5	79,060,128	2	196	7	1.11E+16	196
4,304	115,248	3	97,883,968	2	14	14	1.11E+16	14
4,305	115,248	3	97,883,968	2	196	7	1.11E+16	196
4,306	9,720	4	47,239,200	2	1,620	5	1.12E+16	1,620
4,307	1,620	5	810	4	105,632,100	2	1.12E+16	810
4,308	1,582	5	35,663,817	2	10,283	4	1.12E+16	791
4,309	1,287	5	87,787,557	2	10,296	4	1.12E+16	1,287
4,310	1,548	5	6,966	4	106,036,452	2	1.12E+16	774

FermatCatalan

4,311	1,320	5	9,240	4	106,286,400	2	1.13E+16	1,320
4,312	6,500	4	97,703,125	2	1,625	5	1.13E+16	1,625
4,313	223,665	3	55,056	3	10,323	4	1.14E+16	3,441
4,314	220,073	3	91,574	3	10,339	4	1.14E+16	1,477
4,315	197	6	107,035,222	2	197	7	1.15E+16	197
4,316	38,809	3	107,035,222	2	197	7	1.15E+16	197
4,317	420	6	8,820	4	107,427,600	2	1.15E+16	420
4,318	1,596	5	35,024,220	2	10,374	4	1.16E+16	798
4,319	10,305	4	72,135	3	226,710	3	1.17E+16	10,305
4,320	8,128	4	195,072	3	227,584	3	1.18E+16	8,128
4,321	1,638	5	273	4	108,588,753	2	1.18E+16	273
4,322	9,759	4	139,879	3	227,710	3	1.18E+16	3,253
4,323	1,593	5	6,372	4	109,118,907	2	1.19E+16	1,593
4,324	5	22	97,656,250	2	5	23	1.19E+16	5
4,325	25	11	97,656,250	2	5	23	1.19E+16	5
4,326	13	14	199,927	3	228,488	3	1.19E+16	13
4,327	26	8	109,217,264	2	228,488	3	1.19E+16	26
4,328	169	7	199,927	3	228,488	3	1.19E+16	169
4,329	8,788	4	8,788	4	228,488	3	1.19E+16	8,788
4,330	952	5	106,037,568	2	10,472	4	1.20E+16	952
4,331	9,970	4	129,610	3	229,310	3	1.21E+16	9,970
4,332	10,432	4	62,592	3	229,504	3	1.21E+16	10,432
4,333	10,304	4	94,208	3	229,632	3	1.21E+16	1,472
4,334	1,647	5	549	5	110,312,766	2	1.22E+16	549
4,335	1,025	5	10,250	4	110,315,625	2	1.22E+16	1,025
4,336	1,501	5	67,590,030	2	10,507	4	1.22E+16	1,501
4,337	8,245	4	87,014,432	2	1,649	5	1.22E+16	1,649
4,338	1,233	5	9,864	4	110,981,097	2	1.23E+16	1,233
4,339	10,523	4	52,615	3	231,506	3	1.24E+16	10,523
4,340	9,942	4	52,167,331	2	1,657	5	1.25E+16	1,657
4,341	1,617	5	1,078	5	111,850,585	2	1.25E+16	539
4,342	873	5	10,476	4	112,032,963	2	1.26E+16	873
4,343	222,432	3	116,512	3	10,592	4	1.26E+16	10,592
4,344	1,650	5	825	5	112,303,125	2	1.26E+16	825
4,345	10,584	4	42,336	3	232,848	3	1.26E+16	10,584
4,346	5,419	4	227,598	3	233,017	3	1.27E+16	5,419
4,347	43	8	232,974	3	112,502,405	2	1.27E+16	43
4,348	1,040	5	10,348	4	112,618,896	2	1.27E+16	52
4,349	9,728	4	155,648	3	233,472	3	1.27E+16	9,728
4,350	10,621	4	31,863	3	233,662	3	1.28E+16	10,621
4,351	4,000	4	112,000,000	2	200	7	1.28E+16	200
4,352	192	7	384	6	113,246,208	2	1.28E+16	192
4,353	192	7	147,456	3	113,246,208	2	1.28E+16	192
4,354	10,640	4	21,280	3	234,080	3	1.28E+16	10,640
4,355	10,647	4	10,647	3	234,234	3	1.29E+16	10,647
4,356	234,278	3	10,649	3	10,649	4	1.29E+16	10,649
4,357	234,432	3	21,312	3	10,656	4	1.29E+16	10,656
4,358	85	8	216,750	3	113,613,125	2	1.29E+16	85
4,359	1,665	5	3,330	4	113,661,225	2	1.29E+16	1,665

FermatCatalan

4,360	234,850	3	32,025	3	10,675	4	1.30E+16	10,675
4,361	7	19	7	18	235,298	3	1.30E+16	7
4,362	7	19	49	9	235,298	3	1.30E+16	7
4,363	7	19	343	6	235,298	3	1.30E+16	7
4,364	7	19	117,649	3	235,298	3	1.30E+16	7
4,365	7	19	40,353,607	2	235,298	3	1.30E+16	7
4,366	462	6	7,623	4	114,459,345	2	1.31E+16	231
4,367	837	5	233,523	3	1,674	5	1.31E+16	837
4,368	164	7	215,168	3	114,684,544	2	1.32E+16	164
4,369	235,664	3	42,848	3	10,712	4	1.32E+16	10,712
4,370	1,458	5	1,458	5	236,196	3	1.32E+16	1,458
4,371	1,458	5	1,458	5	114,791,256	2	1.32E+16	1,458
4,372	1,458	5	1,458	5	486	6	1.32E+16	486
4,373	215,472	3	148,137	3	201	7	1.33E+16	201
4,374	214,880	3	150,416	3	10,744	4	1.33E+16	10,744
4,375	193,410	3	182,665	3	10,745	4	1.33E+16	10,745
4,376	1,680	5	1,680	4	115,718,400	2	1.34E+16	1,680
4,377	5,043	4	113,030,440	2	1,681	5	1.34E+16	1,681
4,378	5,043	4	113,030,440	2	41	10	1.34E+16	41
4,379	1,682	4	115,994,084	2	1,682	5	1.35E+16	1,682
4,380	205,713	3	168,264	3	10,773	4	1.35E+16	513
4,381	237,006	3	53,865	3	10,773	4	1.35E+16	10,773
4,382	126	7	114,021,432	2	238,140	3	1.35E+16	126
4,383	198	7	117,612	3	116,435,880	2	1.36E+16	198
4,384	10,101	4	148,148	3	239,057	3	1.37E+16	3,367
4,385	200	7	32,000,000	2	240,000	3	1.38E+16	200
4,386	10,439	4	125,268	3	240,097	3	1.38E+16	10,439
4,387	56	9	203,840	3	117,838,336	2	1.39E+16	56
4,388	1,584	5	7,920	4	117,925,632	2	1.39E+16	1,584
4,389	10	14	240,000	3	118,000,000	2	1.39E+16	10
4,390	100	7	240,000	3	118,000,000	2	1.39E+16	100
4,391	239,008	3	65,184	3	10,864	4	1.39E+16	10,864
4,392	10,176	4	57,528,320	2	1,696	5	1.40E+16	1,696
4,393	3,394	4	118,072,169	2	1,697	5	1.41E+16	1,697
4,394	40	10	153,600	3	118,784,000	2	1.41E+16	40
4,395	1,683	5	5,049	4	118,964,538	2	1.42E+16	1,683
4,396	48	8	241,920	3	119,107,584	2	1.42E+16	48
4,397	6,800	4	109,820,000	2	1,700	5	1.42E+16	1,700
4,398	10,880	4	13,640,800	2	1,700	5	1.42E+16	340
4,399	780	5	118,029,600	2	10,920	4	1.42E+16	780
4,400	1,560	5	70,574,400	2	10,920	4	1.42E+16	1,560
4,401	1,680	5	28,929,600	2	10,920	4	1.42E+16	840
4,402	938	5	10,787	4	119,438,823	2	1.43E+16	469
4,403	1,220	5	10,370	4	119,444,100	2	1.43E+16	610
4,404	486	6	33,480,783	2	10,935	4	1.43E+16	243
4,405	6,938	4	228,954	3	242,830	3	1.43E+16	6,938
4,406	7,839	4	219,492	3	243,009	3	1.44E+16	7,839
4,407	208,145	3	175,280	3	10,955	4	1.44E+16	10,955
4,408	9,800	4	173,600	3	243,600	3	1.45E+16	1,400

FermatCatalan

4,409	5,291	4	239,316	3	243,793	3	1.45E+16	407
4,410	9,035	4	198,770	3	243,945	3	1.45E+16	9,035
4,411	490	6	5,145	4	120,590,225	2	1.45E+16	245
4,412	9,548	4	184,140	3	244,156	3	1.46E+16	1,364
4,413	1,690	5	27,846,975	2	10,985	4	1.46E+16	845
4,414	17	13	167,042	3	120,687,845	2	1.46E+16	17
4,415	230,769	3	131,868	3	10,989	4	1.46E+16	10,989
4,416	241,802	3	76,937	3	10,991	4	1.46E+16	10,991
4,417	984	5	10,824	4	121,032,000	2	1.46E+16	984
4,418	7	18	235,298	3	121,060,821	2	1.47E+16	7
4,419	49	9	235,298	3	121,060,821	2	1.47E+16	49
4,420	1,560	5	8,580	4	121,071,600	2	1.47E+16	780
4,421	9,793	4	176,274	3	244,825	3	1.47E+16	9,793
4,422	1,704	5	4,260	4	121,225,968	2	1.47E+16	852
4,423	83,232	3	118,855,296	2	204	7	1.47E+16	204
4,424	231,200	3	48,422,528	2	204	7	1.47E+16	68
4,425	6,534	4	113,524,983	2	495	6	1.47E+16	99
4,426	1,513	5	9,078	4	121,325,957	2	1.47E+16	1,513
4,427	23,814	3	121,495,059	2	105	8	1.48E+16	21
4,428	154,350	3	105,343,875	2	105	8	1.48E+16	105
4,429	220,500	3	63,669,375	2	105	8	1.48E+16	105
4,430	231,525	3	48,620,250	2	105	8	1.48E+16	105
4,431	8,570	4	96,947,268	2	1,714	5	1.48E+16	1,714
4,432	11,058	4	47,918	3	246,962	3	1.51E+16	3,686
4,433	1,232	5	110,801,152	2	11,088	4	1.51E+16	1,232
4,434	788	5	11,032	4	122,946,912	2	1.51E+16	788
4,435	1,700	5	5,525	4	123,005,625	2	1.51E+16	425
4,436	238,564	3	116,508	3	11,096	4	1.52E+16	5,548
4,437	57	8	246,924	3	123,153,345	2	1.52E+16	57
4,438	1,183	5	10,647	4	123,155,032	2	1.52E+16	1,183
4,439	495	6	4,950	4	123,737,625	2	1.53E+16	495
4,440	847	5	122,149,863	2	11,132	4	1.54E+16	121
4,441	1,392	5	100,758,528	2	11,136	4	1.54E+16	1,392
4,442	1,671	5	48,709,093	2	11,140	4	1.54E+16	557
4,443	1,680	5	6,720	4	124,185,600	2	1.54E+16	1,680
4,444	9,576	4	191,520	3	248,976	3	1.54E+16	9,576
4,445	168	7	226,944	3	124,360,704	2	1.55E+16	24
4,446	10,836	4	119,196	3	249,228	3	1.55E+16	10,836
4,447	245,520	3	89,280	3	11,160	4	1.55E+16	11,160
4,448	184	7	203,136	3	124,590,080	2	1.55E+16	184
4,449	105	8	93,150	3	124,831,125	2	1.56E+16	15
4,450	5,677	4	244,111	3	249,788	3	1.56E+16	5,677
4,451	10	16	75,000,000	2	500	6	1.56E+16	10
4,452	10	16	75,000,000	2	250,000	3	1.56E+16	10
4,453	100	8	75,000,000	2	500	6	1.56E+16	100
4,454	100	8	75,000,000	2	250,000	3	1.56E+16	100
4,455	10,000	4	75,000,000	2	500	6	1.56E+16	500
4,456	11,116	4	72,254	3	250,110	3	1.56E+16	5,558
4,457	6	16	125,084,736	2	250,128	3	1.56E+16	6

FermatCatalan

4,458	36	8	125,084,736	2	250,128	3	1.56E+16	36
4,459	10,214	4	168,531	3	250,243	3	1.57E+16	5,107
4,460	578	5	124,947,416	2	1,734	5	1.57E+16	578
4,461	480	6	7,680	4	125,337,600	2	1.57E+16	480
4,462	212,180	3	78,676,344	2	206	7	1.57E+16	206
4,463	10,449	4	156,735	3	250,776	3	1.58E+16	10,449
4,464	1,332	5	107,722,503	2	11,211	4	1.58E+16	111
4,465	10,422	4	63,360,549	2	1,737	5	1.58E+16	1,737
4,466	104	8	129,792	3	125,984,768	2	1.59E+16	104
4,467	63	8	250,047	3	126,023,688	2	1.59E+16	63
4,468	63	9	63	8	126,023,688	2	1.59E+16	63
4,469	63	9	3,969	4	126,023,688	2	1.59E+16	63
4,470	1,738	5	2,607	4	126,111,887	2	1.59E+16	869
4,471	1,716	5	5,720	4	126,293,024	2	1.59E+16	572
4,472	251,049	3	52,458	3	11,241	4	1.60E+16	3,747
4,473	159	7	116,570,691	2	252,810	3	1.62E+16	159
4,474	1,743	5	3,403	4	127,363,832	2	1.62E+16	83
4,475	37	8	127,442,948	2	253,265	3	1.62E+16	37
4,476	768	5	11,264	4	127,926,272	2	1.64E+16	256
4,477	1,617	5	73,211,292	2	11,319	4	1.64E+16	1,617
4,478	8,764	4	219,100	3	254,156	3	1.64E+16	8,764
4,479	1,748	5	3,496	4	128,331,168	2	1.65E+16	1,748
4,480	5,050	4	126,237,375	2	505	6	1.66E+16	505
4,481	1,746	5	4,365	4	128,799,801	2	1.66E+16	873
4,482	1,746	5	4,365	4	11,349	4	1.66E+16	873
4,483	1,746	5	19,053,225	2	11,349	4	1.66E+16	873
4,484	156	7	243,360	3	129,078,144	2	1.67E+16	156
4,485	1,443	5	10,101	4	129,099,438	2	1.67E+16	1,443
4,486	1,458	5	100,442,349	2	9	17	1.67E+16	9
4,487	1,458	5	100,442,349	2	3	34	1.67E+16	3
4,488	227,500	3	170,625	3	11,375	4	1.67E+16	11,375
4,489	250,294	3	102,393	3	11,377	4	1.68E+16	11,377
4,490	80	8	122,880,000	2	256,000	3	1.68E+16	80
4,491	506	5	129,490,207	2	11,385	4	1.68E+16	253
4,492	1,287	5	115,272,027	2	11,388	4	1.68E+16	39
4,493	1,752	5	17,649,648	2	11,388	4	1.68E+16	876
4,494	416	6	107,986,944	2	208	7	1.68E+16	208
4,495	4,992	4	127,369,216	2	208	7	1.68E+16	208
4,496	173,056	3	107,986,944	2	208	7	1.68E+16	208
4,497	256,365	3	17,091	3	11,394	4	1.69E+16	5,697
4,498	11,167	4	111,670	3	256,841	3	1.69E+16	11,167
4,499	1,610	5	8,855	4	130,253,025	2	1.70E+16	805
4,500	5,286	4	127,290,404	2	1,762	5	1.70E+16	1,762
4,501	207	7	26,609,229	2	257,094	3	1.70E+16	207
4,502	250,016	3	111,185	3	11,419	4	1.70E+16	601
4,503	1,763	5	1,763	4	130,543,098	2	1.70E+16	1,763
4,504	252,252	3	32,080,104	2	42	10	1.71E+16	42
4,505	1,765	4	130,839,450	2	1,765	5	1.71E+16	1,765
4,506	127	7	129,048,129	2	258,064	3	1.72E+16	127

FermatCatalan

4,507	127	7	129,048,129	2	508	6	1.72E+16	127
4,508	240,618	3	148,954	3	11,458	4	1.72E+16	11,458
4,509	42	9	129,913,308	2	11,466	4	1.73E+16	42
4,510	208	7	86,528	3	259,584	3	1.75E+16	208
4,511	273	6	11,466	4	133,034,265	2	1.77E+16	273
4,512	7,108	4	123,151,431	2	1,777	5	1.77E+16	1,777
4,513	3,560	4	133,072,800	2	1,780	5	1.79E+16	1,780
4,514	10,680	4	69,704,800	2	1,780	5	1.79E+16	1,780
4,515	510	6	4,080	4	133,691,400	2	1.79E+16	510
4,516	246,148	3	143,724	3	11,564	4	1.79E+16	1,652
4,517	616	5	11,550	4	133,734,524	2	1.79E+16	154
4,518	11,544	4	53,872	3	261,664	3	1.79E+16	3,848
4,519	8,905	4	107,846,674	2	1,781	5	1.79E+16	1,781
4,520	1,780	5	2,670	4	133,864,900	2	1.79E+16	890
4,521	1,780	5	2,670	4	11,570	4	1.79E+16	890
4,522	1,780	5	7,128,900	2	11,570	4	1.79E+16	890
4,523	1,544	5	95,953,424	2	11,580	4	1.80E+16	772
4,524	1,782	5	5,557,167	2	11,583	4	1.80E+16	891
4,525	2	53	2	53	4	27	1.80E+16	2
4,526	2	53	2	53	134,217,728	2	1.80E+16	2
4,527	2	53	2	53	512	6	1.80E+16	2
4,528	2	53	2	53	64	9	1.80E+16	2
4,529	2	53	2	53	262,144	3	1.80E+16	2
4,530	2	53	2	53	2	54	1.80E+16	2
4,531	2	53	2	53	8	18	1.80E+16	2
4,532	1,224	5	11,118	4	134,263,620	2	1.80E+16	102
4,533	432	6	10,368	4	134,369,280	2	1.81E+16	432
4,534	1,768	5	5,304	4	134,410,432	2	1.81E+16	1,768
4,535	54	9	119,042,784	2	262,440	3	1.81E+16	54
4,536	3	26	262,440	3	134,454,573	2	1.81E+16	3
4,537	9	13	262,440	3	134,454,573	2	1.81E+16	9
4,538	10,803	4	165,646	3	262,873	3	1.82E+16	3,601
4,539	11,438	4	102,942	3	263,074	3	1.82E+16	11,438
4,540	1,679	5	8,395	4	135,313,968	2	1.83E+16	1,679
4,541	1,164	5	127,360,224	2	11,640	4	1.84E+16	1,164
4,542	647	5	135,210,707	2	11,646	4	1.84E+16	647
4,543	256,256	3	116,480	3	11,648	4	1.84E+16	11,648
4,544	4,112	4	134,739,960	2	514	6	1.84E+16	514
4,545	440	6	10,296	4	135,992,384	2	1.85E+16	88
4,546	209,952	3	209,952	3	108	8	1.85E+16	108
4,547	209,952	3	209,952	3	11,664	4	1.85E+16	11,664
4,548	1,782	5	891	5	264,627	3	1.85E+16	891
4,549	42	10	6,174	4	136,136,700	2	1.85E+16	42
4,550	1,764	5	6,174	4	136,136,700	2	1.85E+16	882
4,551	7,352	4	249,968	3	264,672	3	1.85E+16	7,352
4,552	214,060	3	206,276	3	11,676	4	1.86E+16	3,892
4,553	649	5	11,682	4	136,890,325	2	1.87E+16	649
4,554	1,672	5	75,480,768	2	11,704	4	1.88E+16	1,672
4,555	375	6	11,250	4	137,109,375	2	1.88E+16	375

FermatCatalan

4,556	11,080	4	155,120	3	265,920	3	1.88E+16	11,080
4,557	218,624	3	203,008	3	11,712	4	1.88E+16	3,904
4,558	10	8	266,000	3	137,190,000	2	1.88E+16	10
4,559	1,736	5	55,565,020	2	11,718	4	1.89E+16	434
4,560	265,812	3	50,817	3	11,727	4	1.89E+16	3,909
4,561	1,568	5	1,568	5	137,682,944	2	1.90E+16	1,568
4,562	1,426	5	10,695	4	137,767,999	2	1.90E+16	713
4,563	5,941	4	261,404	3	267,345	3	1.91E+16	5,941
4,564	223,668	3	200,124	3	11,772	4	1.92E+16	11,772
4,565	10,712	4	182,104	3	267,800	3	1.92E+16	10,712
4,566	78,652	3	136,966,840	2	212	7	1.92E+16	212
4,567	1,550	5	10,075	4	138,744,375	2	1.93E+16	775
4,568	99	8	215,622	3	138,752,757	2	1.93E+16	99
4,569	11,655	4	93,240	3	268,065	3	1.93E+16	11,655
4,570	8,379	4	242,991	3	268,128	3	1.93E+16	8,379
4,571	105	8	165,375	3	138,915,000	2	1.93E+16	105
4,572	1,743	5	7,553	4	139,075,132	2	1.93E+16	581
4,573	129	7	516	6	139,534,785	2	1.95E+16	129
4,574	129	7	266,256	3	139,534,785	2	1.95E+16	129
4,575	72	8	137,355,264	2	269,568	3	1.96E+16	72
4,576	212	7	19,056,256	2	269,664	3	1.96E+16	212
4,577	12	13	269,568	3	140,341,248	2	1.97E+16	12
4,578	229,216	3	197,600	3	11,856	4	1.98E+16	3,952
4,579	120	7	139,328,000	2	270,400	3	1.98E+16	40
4,580	120	7	139,328,000	2	520	6	1.98E+16	40
4,581	1,769	5	7,076	4	140,821,245	2	1.98E+16	1,769
4,582	1,380	5	11,040	4	140,925,600	2	1.99E+16	1,380
4,583	267,173	3	28,632,880	2	213	7	1.99E+16	71
4,584	1,584	5	99,734,976	2	11,880	4	1.99E+16	792
4,585	19	12	260,642	3	141,137,643	2	1.99E+16	19
4,586	1,620	5	9,720	4	141,717,600	2	2.01E+16	1,620
4,587	11,824	4	82,768	3	271,952	3	2.01E+16	11,824
4,588	199	7	198,005	3	141,850,782	2	2.01E+16	199
4,589	269,952	3	80,256	3	1,824	5	2.02E+16	1,824
4,590	365	4	142,284,300	2	1,825	5	2.02E+16	365
4,591	10,950	4	76,604,375	2	1,825	5	2.02E+16	1,825
4,592	88	8	255,552	3	142,427,648	2	2.03E+16	88
4,593	1,495	5	113,986,275	2	11,960	4	2.05E+16	1,495
4,594	235,292	3	195,412	3	11,964	4	2.05E+16	3,988
4,595	9,785	4	225,055	3	273,980	3	2.06E+16	9,785
4,596	363	6	263,538	3	11,979	4	2.06E+16	363
4,597	263,538	3	131,769	3	11,979	4	2.06E+16	11,979
4,598	1,042	5	139,249,233	2	11,983	4	2.06E+16	521
4,599	65	8	142,805,000	2	274,625	3	2.07E+16	65
4,600	65	8	142,805,000	2	65	9	2.07E+16	65
4,601	4,225	4	142,805,000	2	65	9	2.07E+16	65
4,602	8,450	4	124,954,375	2	65	9	2.07E+16	65
4,603	9,425	4	113,230,000	2	65	9	2.07E+16	65
4,604	11,830	4	33,559,175	2	65	9	2.07E+16	65

FermatCatalan

4,605	109,850	3	139,234,875	2	65	9	2.07E+16	65
4,606	215,306	3	103,590,747	2	65	9	2.07E+16	13
4,607	11,951	4	71,706	3	274,873	3	2.08E+16	11,951
4,608	7	18	138,355,224	2	12,005	4	2.08E+16	7
4,609	49	9	138,355,224	2	12,005	4	2.08E+16	49
4,610	343	6	138,355,224	2	12,005	4	2.08E+16	343
4,611	252,105	3	168,070	3	12,005	4	2.08E+16	12,005
4,612	65	9	42,250	3	144,178,125	2	2.08E+16	65
4,613	1,833	5	3,666	4	144,475,227	2	2.09E+16	1,833
4,614	11,163	4	174,887	3	275,354	3	2.09E+16	3,721
4,615	18	13	54	8	144,551,952	2	2.09E+16	18
4,616	18	13	2,916	4	144,551,952	2	2.09E+16	18
4,617	1,808	5	6,328	4	144,647,232	2	2.09E+16	904
4,618	8,820	4	122,013,675	2	525	6	2.09E+16	105
4,619	12,042	4	60,210	3	276,966	3	2.12E+16	12,042
4,620	1,725	5	77,366,250	2	12,075	4	2.13E+16	1,725
4,621	199	7	94,567,188	2	277,207	3	2.13E+16	199
4,622	215	7	215	6	277,350	3	2.13E+16	215
4,623	215	7	46,225	3	277,350	3	2.13E+16	215
4,624	215	7	9,938,375	2	277,350	3	2.13E+16	215
4,625	1,784	5	7,582	4	146,203,260	2	2.14E+16	446
4,626	5,535	4	142,969,050	2	1,845	5	2.14E+16	1,845
4,627	241,920	3	193,536	3	12,096	4	2.14E+16	12,096
4,628	1,848	5	1,848	4	146,849,472	2	2.16E+16	1,848
4,629	12,103	4	48,412	3	278,369	3	2.16E+16	12,103
4,630	10,717	4	203,623	3	278,642	3	2.16E+16	10,717
4,631	1,850	4	147,167,500	2	1,850	5	2.17E+16	1,850
4,632	9,250	4	119,787,500	2	1,850	5	2.17E+16	1,850
4,633	11,627	4	151,151	3	279,048	3	2.17E+16	11,627
4,634	12,140	4	36,420	3	279,220	3	2.18E+16	12,140
4,635	6,075	4	273,375	3	12,150	4	2.18E+16	6,075
4,636	12,159	4	24,318	3	279,657	3	2.19E+16	12,159
4,637	186	7	242,172	3	148,001,688	2	2.19E+16	186
4,638	12,166	4	12,166	3	279,818	3	2.19E+16	12,166
4,639	279,864	3	12,168	3	12,168	4	2.19E+16	12,168
4,640	280,025	3	24,350	3	12,175	4	2.20E+16	12,175
4,641	7,424	4	137,789,440	2	1,856	5	2.20E+16	1,856
4,642	280,462	3	36,582	3	12,194	4	2.21E+16	12,194
4,643	79	7	280,845	3	148,897,778	2	2.22E+16	79
4,644	2	49	278,528	3	148,897,792	2	2.22E+16	2
4,645	128	7	278,528	3	148,897,792	2	2.22E+16	128
4,646	161	7	268,732	3	149,033,583	2	2.22E+16	23
4,647	10,422	4	218,862	3	281,394	3	2.23E+16	10,422
4,648	80	7	281,600	3	149,504,000	2	2.24E+16	80
4,649	281,313	3	48,924	3	12,231	4	2.24E+16	12,231
4,650	504	6	8,820	4	149,805,936	2	2.24E+16	252
4,651	171	7	513	6	150,006,330	2	2.25E+16	171
4,652	171	7	263,169	3	150,006,330	2	2.25E+16	171
4,653	275,580	3	116,356	3	12,248	4	2.25E+16	6,124

FermatCatalan

4,654	249,124	3	191,948	3	12,252	4	2.25E+16	4,084
4,655	3,730	4	149,563,675	2	1,865	5	2.26E+16	1,865
4,656	9,424	4	245,024	3	282,720	3	2.26E+16	9,424
4,657	188	7	119,604,096	2	282,752	3	2.26E+16	188
4,658	311	5	150,401,155	2	1,866	5	2.26E+16	311
4,659	217	6	282,534	3	217	7	2.27E+16	217
4,660	282,534	3	47,089	3	217	7	2.27E+16	217
4,661	282,534	3	10,218,313	2	217	7	2.27E+16	217
4,662	1,608	5	10,452	4	150,614,928	2	2.27E+16	804
4,663	2	53	117,440,512	2	12,288	4	2.28E+16	2
4,664	282,716	3	61,460	3	12,292	4	2.28E+16	12,292
4,665	269,152	3	149,457	3	12,293	4	2.28E+16	647
4,666	1,855	5	5,565	4	151,405,100	2	2.29E+16	1,855
4,667	217	7	68,231	3	151,576,608	2	2.30E+16	31
4,668	11,232	4	84,105,216	2	1,872	5	2.30E+16	1,872
4,669	253,265	3	82,463,084	2	111	8	2.30E+16	37
4,670	208	7	183,872	3	151,856,640	2	2.31E+16	208
4,671	1,494	5	11,205	4	152,336,457	2	2.32E+16	747
4,672	1,578	5	10,783	4	152,655,983	2	2.33E+16	263
4,673	6,211	4	279,495	3	285,706	3	2.33E+16	6,211
4,674	63	9	87,766,497	2	285,768	3	2.33E+16	63
4,675	11,222	4	196,385	3	286,161	3	2.34E+16	5,611
4,676	476	6	108,756,480	2	12,376	4	2.35E+16	476
4,677	272,272	3	148,512	3	12,376	4	2.35E+16	12,376
4,678	143	7	149,134,557	2	286,286	3	2.35E+16	143
4,679	217	7	94,178	3	153,274,695	2	2.35E+16	217
4,680	284,809	3	74,298	3	12,383	4	2.35E+16	12,383
4,681	1,792	5	172,032	3	286,720	3	2.36E+16	1,792
4,682	1,377	5	136,521,288	2	12,393	4	2.36E+16	1,377
4,683	442	6	11,271	4	153,604,945	2	2.36E+16	221
4,684	7,778	4	272,230	3	287,786	3	2.38E+16	7,778
4,685	1,776	5	8,880	4	154,554,624	2	2.39E+16	1,776
4,686	1,776	5	8,880	4	12,432	4	2.39E+16	1,776
4,687	1,776	5	78,854,400	2	12,432	4	2.39E+16	1,776
4,688	256,928	3	190,624	3	12,432	4	2.39E+16	4,144
4,689	11,529	4	184,464	3	288,225	3	2.39E+16	11,529
4,690	1,568	5	10,976	4	154,893,312	2	2.40E+16	1,568
4,691	1,590	5	117,907,775	2	12,455	4	2.41E+16	265
4,692	44	9	286,528	3	155,375,616	2	2.41E+16	44
4,693	271,779	3	159,870	3	219	7	2.42E+16	219
4,694	480	6	109,670,400	2	12,480	4	2.43E+16	480
4,695	500	6	93,750,000	2	12,500	4	2.44E+16	500
4,696	12,096	4	145,152	3	290,304	3	2.45E+16	12,096
4,697	287,730	3	87,570	3	12,510	4	2.45E+16	12,510
4,698	1,074	5	12,351	4	157,161,105	2	2.47E+16	537
4,699	150,528	3	146,112,512	2	112	8	2.48E+16	112
4,700	9,720	4	125,971,200	2	540	6	2.48E+16	540
4,701	1,884	5	33,917,024	2	12,560	4	2.49E+16	628
4,702	290,400	3	21,296,000	2	220	7	2.49E+16	220

FermatCatalan

4,703	12,552	4	66,944	3	292,880	3	2.51E+16	4,184
4,704	219	7	31,899,394	2	293,095	3	2.52E+16	73
4,705	1,860	5	7,440	4	159,141,600	2	2.53E+16	1,860
4,706	1,911	5	13,377	3	294,294	3	2.55E+16	1,911
4,707	265,356	3	189,540	3	12,636	4	2.55E+16	12,636
4,708	101	8	244,824	3	159,696,655	2	2.55E+16	101
4,709	200	7	200	7	160,000,000	2	2.56E+16	200
4,710	8,937	4	268,110	3	294,921	3	2.57E+16	8,937
4,711	1,914	5	957	4	160,273,575	2	2.57E+16	957
4,712	12,556	4	94,170	3	295,066	3	2.57E+16	6,278
4,713	65	9	8,450	4	12,675	4	2.58E+16	65
4,714	65	9	8,450	4	160,655,625	2	2.58E+16	65
4,715	65	9	71,402,500	2	12,675	4	2.58E+16	65
4,716	8,450	4	274,625	3	12,675	4	2.58E+16	4,225
4,717	291,617	3	101,432	3	12,679	4	2.58E+16	12,679
4,718	8,704	4	142,049,280	2	544	6	2.59E+16	544
4,719	241,129	3	228,438	3	12,691	4	2.59E+16	12,691
4,720	70	8	294,000	3	161,210,000	2	2.60E+16	70
4,721	9,605	4	132,848,676	2	1,921	5	2.62E+16	1,921
4,722	11,526	4	9,605	4	1,921	5	2.62E+16	1,921
4,723	11,526	4	92,256,025	2	1,921	5	2.62E+16	1,921
4,724	1,236	5	12,360	4	161,935,776	2	2.62E+16	1,236
4,725	31	11	31	10	1,922	5	2.62E+16	31
4,726	31	11	961	5	1,922	5	2.62E+16	31
4,727	31	11	28,629,151	2	1,922	5	2.62E+16	31
4,728	1,920	5	3,840	4	162,201,600	2	2.63E+16	1,920
4,729	1,922	5	59,582	3	297,910	3	2.64E+16	1,922
4,730	297,570	3	46,761	3	12,753	4	2.65E+16	4,251
4,731	1,596	5	127,360,800	2	12,768	4	2.66E+16	1,596
4,732	1,892	5	48,549,193	2	12,771	4	2.66E+16	473
4,733	1,825	5	79,935,000	2	12,775	4	2.66E+16	1,825
4,734	5,790	4	160,170,700	2	1,930	5	2.68E+16	1,930
4,735	1,682	5	1,682	5	164,089,192	2	2.69E+16	1,682
4,736	12,493	4	137,423	3	299,832	3	2.70E+16	12,493
4,737	1,729	5	10,374	4	164,419,255	2	2.70E+16	1,729
4,738	1,360	5	12,240	4	164,614,400	2	2.71E+16	1,360
4,739	1,935	5	1,935	4	164,745,900	2	2.71E+16	1,935
4,740	282,590	3	166,985	3	12,845	4	2.72E+16	12,845
4,741	1,937	4	165,086,636	2	1,937	5	2.73E+16	1,937
4,742	7,748	4	153,830,729	2	1,937	5	2.73E+16	1,937
4,743	274,432	3	188,672	3	12,864	4	2.74E+16	4,288
4,744	11,901	4	194,383	3	301,492	3	2.74E+16	3,967
4,745	149,187	3	155,253,938	2	223	7	2.74E+16	223
4,746	1,008	5	12,768	4	166,182,912	2	2.76E+16	336
4,747	296,608	3	116,064	3	12,896	4	2.77E+16	12,896
4,748	108	8	209,952	3	1,944	5	2.78E+16	108
4,749	648	5	166,281,984	2	1,944	5	2.78E+16	648
4,750	11,664	4	209,952	3	1,944	5	2.78E+16	1,944
4,751	258,260	3	219,521	3	12,913	4	2.78E+16	12,913

FermatCatalan

4,752	1,870	5	8,415	4	166,976,975	2	2.79E+16	935
4,753	1,716	5	10,725	4	167,661,351	2	2.81E+16	429
4,754	301,056	3	100,352	3	224	7	2.83E+16	224
4,755	552	5	168,120,432	2	12,972	4	2.83E+16	276
4,756	1,881	5	1,368	5	168,340,437	2	2.83E+16	171
4,757	3,904	4	167,653,376	2	1,952	5	2.83E+16	1,952
4,758	6,487	4	298,402	3	304,889	3	2.83E+16	6,487
4,759	304,983	3	6,489	3	12,978	4	2.84E+16	6,489
4,760	224	7	224	6	168,591,360	2	2.84E+16	224
4,761	224	7	50,176	3	168,591,360	2	2.84E+16	224
4,762	11,744	4	211,392	3	305,344	3	2.85E+16	11,744
4,763	12,250	4	183,750	3	306,250	3	2.87E+16	12,250
4,764	10,565	4	253,560	3	306,385	3	2.88E+16	10,565
4,765	1,958	5	979	4	169,644,057	2	2.88E+16	979
4,766	1,185	5	162,890,100	2	13,035	4	2.89E+16	1,185
4,767	8,911	4	282,606	3	306,793	3	2.89E+16	1,273
4,768	18	12	1,944	5	170,061,120	2	2.89E+16	18
4,769	324	6	1,944	5	170,061,120	2	2.89E+16	324
4,770	1,944	5	5,832	4	170,061,120	2	2.89E+16	1,944
4,771	10,976	4	10,976	4	307,328	3	2.90E+16	10,976
4,772	1,924	5	7,215	4	170,513,057	2	2.91E+16	481
4,773	90	8	540	6	170,586,000	2	2.91E+16	90
4,774	90	8	291,600	3	170,586,000	2	2.91E+16	90
4,775	540	6	8,100	4	170,586,000	2	2.91E+16	540
4,776	1,005	5	167,664,150	2	13,065	4	2.91E+16	1,005
4,777	12,824	4	128,240	3	307,776	3	2.92E+16	12,824
4,778	1,350	5	157,190,625	2	15	14	2.92E+16	15
4,779	1,350	5	157,190,625	2	225	7	2.92E+16	225
4,780	10,125	4	136,687,500	2	15	14	2.92E+16	15
4,781	10,125	4	136,687,500	2	225	7	2.92E+16	225
4,782	112,500	3	166,640,625	2	15	14	2.92E+16	15
4,783	112,500	3	166,640,625	2	225	7	2.92E+16	225
4,784	253,125	3	113,906,250	2	15	14	2.92E+16	15
4,785	253,125	3	113,906,250	2	225	7	2.92E+16	225
4,786	303,750	3	34,171,875	2	15	14	2.92E+16	15
4,787	303,750	3	34,171,875	2	225	7	2.92E+16	225
4,788	224	7	5,824	4	171,601,920	2	2.94E+16	224
4,789	272	6	13,056	4	171,642,880	2	2.95E+16	272
4,790	1,872	5	80,600,832	2	13,104	4	2.95E+16	1,872
4,791	54	8	171,635,760	2	309,096	3	2.95E+16	54
4,792	1,380	5	156,636,900	2	13,110	4	2.95E+16	690
4,793	284,180	3	187,996	3	13,116	4	2.96E+16	4,372
4,794	13,074	4	74,086	3	309,418	3	2.96E+16	4,358
4,795	4,334	4	171,225,308	2	1,970	5	2.97E+16	394
4,796	15	14	81,250	3	172,421,875	2	2.97E+16	5
4,797	225	7	81,250	3	172,421,875	2	2.97E+16	25
4,798	11,832	4	101,108,384	2	1,972	5	2.98E+16	1,972
4,799	302,841	3	131,670	3	13,167	4	3.01E+16	13,167
4,800	226	6	173,147,640	2	226	7	3.01E+16	226

FermatCatalan

4,801	51,076	3	173,147,640	2	226	7	3.01E+16	226
4,802	527	6	93,316,944	2	13,175	4	3.01E+16	527
4,803	57	7	311,182	3	173,594,431	2	3.01E+16	19
4,804	8,216	4	295,776	3	312,208	3	3.04E+16	8,216
4,805	1,529	5	12,232	4	175,338,075	2	3.07E+16	1,529
4,806	10,108	4	272,916	3	313,348	3	3.08E+16	10,108
4,807	1,875	5	9,375	4	175,781,250	2	3.09E+16	1,875
4,808	44	10	154,880	3	175,819,776	2	3.09E+16	44
4,809	51	9	13,005	4	175,895,226	2	3.09E+16	51
4,810	13,095	4	117,855	3	314,280	3	3.10E+16	13,095
4,811	1,988	5	2,627	4	176,349,303	2	3.11E+16	71
4,812	68	9	2,312	4	176,396,352	2	3.11E+16	68
4,813	110	8	98,494,000	2	314,600	3	3.11E+16	110
4,814	314,601	3	44,310	3	13,293	4	3.12E+16	4,431
4,815	18	13	102,036,672	2	314,928	3	3.12E+16	18
4,816	12,279	4	204,650	3	315,161	3	3.13E+16	4,093
4,817	1,905	5	8,890	4	177,015,775	2	3.13E+16	635
4,818	11,683	4	233,660	3	315,441	3	3.14E+16	11,683
4,819	1,918	5	8,631	4	177,498,433	2	3.15E+16	959
4,820	9,970	4	147,113,332	2	1,994	5	3.15E+16	1,994
4,821	11,304	4	248,688	3	316,512	3	3.17E+16	11,304
4,822	280,497	3	213,712	3	13,357	4	3.18E+16	13,357
4,823	14	10	316,932	3	178,423,112	2	3.18E+16	14
4,824	1,953	5	7,812	4	179,267,823	2	3.21E+16	1,953
4,825	294,624	3	187,488	3	13,392	4	3.22E+16	13,392
4,826	555	6	7,400	4	179,510,125	2	3.22E+16	185
4,827	1,023	5	13,299	4	180,002,988	2	3.24E+16	1,023
4,828	1,917	5	80,847,558	2	13,419	4	3.24E+16	1,917
4,829	316,305	3	92,016	3	13,419	4	3.24E+16	1,917
4,830	13,312	4	106,496	3	319,488	3	3.26E+16	13,312
4,831	896	5	179,027,968	2	13,440	4	3.26E+16	896
4,832	1,170	5	174,876,975	2	13,455	4	3.28E+16	585
4,833	2,009	5	4,018	4	181,623,645	2	3.30E+16	2,009
4,834	1,641	5	276,782	3	321,089	3	3.31E+16	547
4,835	310,454	3	148,478	3	13,498	4	3.32E+16	13,498
4,836	1,351	5	169,743,693	2	13,510	4	3.33E+16	1,351
4,837	109	8	237,620	3	182,599,089	2	3.33E+16	109
4,838	1,590	5	152,318,025	2	13,515	4	3.34E+16	795
4,839	6,051	4	179,004,716	2	2,017	5	3.34E+16	2,017
4,840	12,881	4	180,334	3	322,025	3	3.34E+16	12,881
4,841	8,080	4	171,376,800	2	2,020	5	3.36E+16	2,020
4,842	1,695	5	11,865	4	13,560	4	3.38E+16	1,695
4,843	1,695	5	11,865	4	183,873,600	2	3.38E+16	1,695
4,844	1,695	5	140,778,225	2	13,560	4	3.38E+16	1,695
4,845	9,513	4	294,903	3	323,442	3	3.38E+16	9,513
4,846	13,481	4	94,367	3	323,544	3	3.39E+16	13,481
4,847	65	9	236,600	3	184,273,375	2	3.40E+16	65
4,848	2,024	5	2,024	4	184,345,920	2	3.40E+16	2,024
4,849	12,150	4	110,716,875	2	2,025	5	3.41E+16	2,025

FermatCatalan

4,850	12,150	4	110,716,875	2	45	10	3.41E+16	45
4,851	319,412	3	115,532	3	13,592	4	3.41E+16	6,796
4,852	2,026	4	184,710,420	2	2,026	5	3.41E+16	2,026
4,853	104	7	184,477,696	2	324,480	3	3.42E+16	104
4,854	6,769	4	318,143	3	324,912	3	3.43E+16	6,769
4,855	13	12	2,028	5	185,275,207	2	3.43E+16	13
4,856	169	6	2,028	5	185,275,207	2	3.43E+16	169
4,857	2,028	5	2,197	4	185,275,207	2	3.43E+16	169
4,858	1,625	5	284,375	3	325,000	3	3.43E+16	1,625
4,859	904	5	13,560	4	185,508,032	2	3.44E+16	904
4,860	12,278	4	227,143	3	325,367	3	3.44E+16	6,139
4,861	1,136	5	180,669,440	2	13,632	4	3.45E+16	1,136
4,862	13,608	4	81,648	3	326,592	3	3.48E+16	13,608
4,863	1,520	5	164,038,400	2	13,680	4	3.50E+16	1,520
4,864	305,788	3	187,124	3	13,692	4	3.51E+16	4,564
4,865	2	50	184,549,376	2	327,680	3	3.52E+16	2
4,866	4	25	184,549,376	2	327,680	3	3.52E+16	4
4,867	32	10	184,549,376	2	327,680	3	3.52E+16	32
4,868	721	5	187,142,760	2	13,699	4	3.52E+16	721
4,869	567	6	6,804	4	188,071,065	2	3.54E+16	567
4,870	260,642	3	260,642	3	13,718	4	3.54E+16	13,718
4,871	4,082	4	187,455,645	2	2,041	5	3.54E+16	2,041
4,872	1,960	5	80,673,600	2	13,720	4	3.54E+16	1,960
4,873	13,699	4	68,495	3	328,776	3	3.55E+16	13,699
4,874	114	8	192,052	3	188,704,808	2	3.56E+16	38
4,875	12,663	4	215,271	3	329,238	3	3.57E+16	12,663
4,876	63	9	11,907	4	189,035,532	2	3.57E+16	63
4,877	723	5	13,737	4	189,227,898	2	3.58E+16	723
4,878	1,840	5	11,040	4	189,593,600	2	3.59E+16	1,840
4,879	540	6	105,632,100	2	13,770	4	3.60E+16	270
4,880	13,760	4	55,040	3	330,240	3	3.60E+16	13,760
4,881	2	54	2	54	2	55	3.60E+16	2
4,882	2	54	2	54	2,048	5	3.60E+16	2
4,883	2	54	2	54	32	11	3.60E+16	2
4,884	2	54	4	27	2	55	3.60E+16	2
4,885	2	54	4	27	2,048	5	3.60E+16	2
4,886	2	54	4	27	32	11	3.60E+16	2
4,887	2	54	8	18	2	55	3.60E+16	2
4,888	2	54	8	18	2,048	5	3.60E+16	2
4,889	2	54	8	18	32	11	3.60E+16	2
4,890	2	54	64	9	2	55	3.60E+16	2
4,891	2	54	64	9	2,048	5	3.60E+16	2
4,892	2	54	64	9	32	11	3.60E+16	2
4,893	2	54	512	6	2	55	3.60E+16	2
4,894	2	54	512	6	2,048	5	3.60E+16	2
4,895	2	54	512	6	32	11	3.60E+16	2
4,896	2	54	262,144	3	2	55	3.60E+16	2
4,897	2	54	262,144	3	2,048	5	3.60E+16	2
4,898	2	54	262,144	3	32	11	3.60E+16	2

FermatCatalan

4,899	2	54	134,217,728	2	2	55	3.60E+16	2
4,900	2	54	134,217,728	2	2,048	5	3.60E+16	2
4,901	2	54	134,217,728	2	32	11	3.60E+16	2
4,902	4	27	4	27	2	55	3.60E+16	2
4,903	4	27	4	27	2,048	5	3.60E+16	4
4,904	4	27	4	27	32	11	3.60E+16	4
4,905	4	27	8	18	2	55	3.60E+16	2
4,906	4	27	8	18	2,048	5	3.60E+16	4
4,907	4	27	8	18	32	11	3.60E+16	4
4,908	4	27	64	9	2	55	3.60E+16	2
4,909	4	27	64	9	2,048	5	3.60E+16	4
4,910	4	27	64	9	32	11	3.60E+16	4
4,911	4	27	512	6	2	55	3.60E+16	2
4,912	4	27	512	6	2,048	5	3.60E+16	4
4,913	4	27	512	6	32	11	3.60E+16	4
4,914	4	27	262,144	3	2	55	3.60E+16	2
4,915	4	27	262,144	3	2,048	5	3.60E+16	4
4,916	4	27	262,144	3	32	11	3.60E+16	4
4,917	4	27	134,217,728	2	2	55	3.60E+16	2
4,918	4	27	134,217,728	2	2,048	5	3.60E+16	4
4,919	4	27	134,217,728	2	32	11	3.60E+16	4
4,920	8	18	8	18	2	55	3.60E+16	2
4,921	8	18	8	18	2,048	5	3.60E+16	8
4,922	8	18	8	18	32	11	3.60E+16	8
4,923	8	18	64	9	2	55	3.60E+16	2
4,924	8	18	64	9	2,048	5	3.60E+16	8
4,925	8	18	64	9	32	11	3.60E+16	8
4,926	8	18	512	6	2	55	3.60E+16	2
4,927	8	18	512	6	2,048	5	3.60E+16	8
4,928	8	18	512	6	32	11	3.60E+16	8
4,929	8	18	262,144	3	2	55	3.60E+16	2
4,930	8	18	262,144	3	2,048	5	3.60E+16	8
4,931	8	18	262,144	3	32	11	3.60E+16	8
4,932	8	18	134,217,728	2	2	55	3.60E+16	2
4,933	8	18	134,217,728	2	2,048	5	3.60E+16	8
4,934	8	18	134,217,728	2	32	11	3.60E+16	8
4,935	64	9	64	9	2	55	3.60E+16	2
4,936	64	9	64	9	2,048	5	3.60E+16	64
4,937	64	9	64	9	32	11	3.60E+16	32
4,938	64	9	512	6	2	55	3.60E+16	2
4,939	64	9	512	6	2,048	5	3.60E+16	64
4,940	64	9	512	6	32	11	3.60E+16	32
4,941	64	9	262,144	3	2	55	3.60E+16	2
4,942	64	9	262,144	3	2,048	5	3.60E+16	64
4,943	64	9	262,144	3	32	11	3.60E+16	32
4,944	64	9	134,217,728	2	2	55	3.60E+16	2
4,945	64	9	134,217,728	2	2,048	5	3.60E+16	64
4,946	64	9	134,217,728	2	32	11	3.60E+16	32
4,947	512	6	512	6	2	55	3.60E+16	2

FermatCatalan

4,948	512	6	512	6	2,048	5	3.60E+16	512
4,949	512	6	512	6	32	11	3.60E+16	32
4,950	512	6	262,144	3	2	55	3.60E+16	2
4,951	512	6	262,144	3	2,048	5	3.60E+16	512
4,952	512	6	262,144	3	32	11	3.60E+16	32
4,953	512	6	134,217,728	2	2	55	3.60E+16	2
4,954	512	6	134,217,728	2	2,048	5	3.60E+16	512
4,955	512	6	134,217,728	2	32	11	3.60E+16	32
4,956	262,144	3	262,144	3	2	55	3.60E+16	2
4,957	262,144	3	262,144	3	2,048	5	3.60E+16	2,048
4,958	262,144	3	262,144	3	32	11	3.60E+16	32
4,959	262,144	3	134,217,728	2	2	55	3.60E+16	2
4,960	262,144	3	134,217,728	2	32	11	3.60E+16	32
4,961	322,944	3	49,948,672	2	232	7	3.62E+16	232
4,962	2,035	5	6,105	4	190,496,350	2	3.63E+16	2,035
4,963	13,797	4	41,391	3	331,128	3	3.63E+16	13,797
4,964	13,816	4	27,632	3	331,584	3	3.65E+16	13,816
4,965	13,823	4	13,823	3	331,752	3	3.65E+16	13,823
4,966	331,800	3	13,825	3	13,825	4	3.65E+16	13,825
4,967	276,640	3	248,976	3	13,832	4	3.66E+16	13,832
4,968	331,968	3	27,664	3	13,832	4	3.66E+16	13,832
4,969	76	8	329,232	3	191,832,512	2	3.68E+16	76
4,970	332,424	3	41,553	3	13,851	4	3.68E+16	13,851
4,971	37	7	332,667	3	191,873,564	2	3.68E+16	37
4,972	218	7	237,620	3	332,668	3	3.68E+16	218
4,973	113	7	331,994	3	191,905,301	2	3.68E+16	113
4,974	20	12	320,000	3	192,000,000	2	3.69E+16	20
4,975	229	7	157,323	3	192,143,824	2	3.69E+16	229
4,976	55	8	332,750	3	192,163,125	2	3.69E+16	55
4,977	1,235	5	13,585	4	192,178,350	2	3.69E+16	1,235
4,978	1,850	5	124,065,625	2	13,875	4	3.71E+16	925
4,979	333,312	3	55,552	3	13,888	4	3.72E+16	13,888
4,980	378	6	13,608	4	192,893,400	2	3.72E+16	378
4,981	1,462	5	174,736,047	2	13,889	4	3.72E+16	731
4,982	15	14	200,475	3	193,002,750	2	3.73E+16	15
4,983	225	7	200,475	3	193,002,750	2	3.73E+16	225
4,984	2,054	5	5,135	4	193,015,407	2	3.73E+16	1,027
4,985	319,585	3	166,740	3	13,895	4	3.73E+16	13,895
4,986	466	6	164,441,381	2	233	7	3.73E+16	233
4,987	108,578	3	189,740,055	2	233	7	3.73E+16	233
4,988	217,156	3	164,441,381	2	233	7	3.73E+16	233
4,989	15	14	450	6	193,640,625	2	3.75E+16	15
4,990	15	14	202,500	3	193,640,625	2	3.75E+16	15
4,991	225	7	450	6	193,640,625	2	3.75E+16	225
4,992	225	7	202,500	3	193,640,625	2	3.75E+16	225
4,993	334,176	3	16,430,320	2	118	8	3.76E+16	118
4,994	228	7	74,625,920	2	335,008	3	3.76E+16	76
4,995	462	6	12,936	4	194,234,040	2	3.77E+16	462
4,996	1,410	5	13,395	4	194,336,775	2	3.78E+16	705

FermatCatalan

4,997	1,800	5	1,800	5	194,400,000	2	3.78E+16	1,800
4,998	66	9	10,890	4	194,491,044	2	3.78E+16	66
4,999	13,428	4	174,564	3	335,700	3	3.78E+16	13,428
5,000	334,776	3	69,745	3	13,949	4	3.79E+16	13,949
5,001	10,345	4	162,668,918	2	2,069	5	3.79E+16	2,069
5,002	11,600	4	141,288,000	2	580	6	3.81E+16	580
5,003	13,920	4	22,875,200	2	580	6	3.81E+16	580
5,004	1,106	5	13,825	4	195,411,951	2	3.82E+16	553
5,005	175	7	182,218,750	2	336,875	3	3.82E+16	175
5,006	1,872	5	123,672,848	2	13,988	4	3.83E+16	52
5,007	91	8	322,959	3	195,928,460	2	3.84E+16	91
5,008	314,847	3	84,885,489	2	234	7	3.84E+16	117
5,009	2,001	5	80,080,020	2	14,007	4	3.85E+16	2,001
5,010	317,696	3	186,880	3	14,016	4	3.86E+16	4,672
5,011	8,666	4	320,642	3	337,974	3	3.86E+16	8,666
5,012	308,506	3	210,345	3	14,023	4	3.87E+16	14,023
5,013	1,650	5	162,669,375	2	14,025	4	3.87E+16	825
5,014	336,960	3	84,240	3	14,040	4	3.89E+16	14,040
5,015	12,480	4	121,139,200	2	2,080	5	3.89E+16	2,080
5,016	10	14	198,000,000	2	340,000	3	3.93E+16	10
5,017	100	7	198,000,000	2	340,000	3	3.93E+16	100
5,018	1,976	5	9,880	4	199,133,376	2	3.97E+16	1,976
5,019	11,375	4	284,375	3	341,250	3	3.97E+16	11,375
5,020	2,088	5	3,132	4	199,458,288	2	3.98E+16	1,044
5,021	1,886	5	127,162,607	2	14,145	4	4.00E+16	943
5,022	117	8	70,470,972	2	342,225	3	4.01E+16	117
5,023	117	8	70,470,972	2	585	6	4.01E+16	117
5,024	7,020	4	194,041,575	2	585	6	4.01E+16	585
5,025	8,775	4	184,801,500	2	585	6	4.01E+16	585
5,026	13,689	4	70,470,972	2	585	6	4.01E+16	117
5,027	1,953	5	10,416	4	200,457,873	2	4.02E+16	651
5,028	297,381	3	117,961,130	2	119	8	4.02E+16	119
5,029	340,008	3	99,169	3	14,167	4	4.03E+16	14,167
5,030	14,105	4	91,078	3	342,953	3	4.03E+16	403
5,031	135,975	3	194,523,875	2	70	9	4.04E+16	35
5,032	297,654	3	240,958	3	14,174	4	4.04E+16	14,174
5,033	2	52	32	11	201,326,592	2	4.05E+16	2
5,034	2	52	2,048	5	201,326,592	2	4.05E+16	2
5,035	2	55	2	52	201,326,592	2	4.05E+16	2
5,036	2	55	4	26	201,326,592	2	4.05E+16	2
5,037	2	55	16	13	201,326,592	2	4.05E+16	2
5,038	2	55	8,192	4	201,326,592	2	4.05E+16	2
5,039	4	26	32	11	201,326,592	2	4.05E+16	4
5,040	4	26	2,048	5	201,326,592	2	4.05E+16	4
5,041	16	13	32	11	201,326,592	2	4.05E+16	16
5,042	16	13	2,048	5	201,326,592	2	4.05E+16	16
5,043	32	11	8,192	4	201,326,592	2	4.05E+16	32
5,044	2,048	5	8,192	4	201,326,592	2	4.05E+16	2,048
5,045	13,053	4	226,252	3	343,729	3	4.06E+16	4,351

FermatCatalan

5,046	70	9	68,600	3	201,684,000	2	4.07E+16	70
5,047	1,168	5	14,016	4	201,905,152	2	4.08E+16	1,168
5,048	14,154	4	89,642	3	344,414	3	4.09E+16	4,718
5,049	222	7	120,351,528	2	344,988	3	4.11E+16	222
5,050	2,100	5	4,200	4	202,860,000	2	4.12E+16	2,100
5,051	14,092	4	119,782	3	345,254	3	4.12E+16	7,046
5,052	842	4	203,295,427	2	2,105	5	4.13E+16	421
5,053	8,420	4	190,534,075	2	2,105	5	4.13E+16	2,105
5,054	7,057	4	338,736	3	345,793	3	4.13E+16	7,057
5,055	6,318	4	199,585,620	2	2,106	5	4.14E+16	2,106
5,056	104	8	302,848	3	346,112	3	4.15E+16	104
5,057	10,816	4	302,848	3	346,112	3	4.15E+16	10,816
5,058	12,824	4	243,656	3	346,248	3	4.15E+16	12,824
5,059	135	7	201,750,750	2	346,275	3	4.15E+16	135
5,060	2,040	5	79,070,400	2	14,280	4	4.16E+16	2,040
5,061	2,100	5	5,250	4	203,962,500	2	4.16E+16	1,050
5,062	18	13	18	13	204,073,344	2	4.16E+16	18
5,063	13,897	4	166,764	3	347,425	3	4.19E+16	13,897
5,064	1,792	5	154,140,672	2	14,336	4	4.22E+16	1,792
5,065	344,064	3	114,688	3	14,336	4	4.22E+16	14,336
5,066	2,115	5	2,115	4	205,768,350	2	4.23E+16	2,115
5,067	2,117	4	206,157,694	2	2,117	5	4.25E+16	2,117
5,068	330,372	3	186,732	3	14,364	4	4.26E+16	14,364
5,069	60	9	181,440,000	2	120	8	4.30E+16	60
5,070	60	9	181,440,000	2	14,400	4	4.30E+16	60
5,071	128,000	3	202,240,000	2	120	8	4.30E+16	40
5,072	216,000	3	181,440,000	2	120	8	4.30E+16	120
5,073	288,000	3	138,240,000	2	120	8	4.30E+16	120
5,074	345,600	3	41,472,000	2	120	8	4.30E+16	120
5,075	13,480	4	215,680	3	350,480	3	4.31E+16	13,480
5,076	351,057	3	38,472	3	14,427	4	4.33E+16	4,809
5,077	66	8	350,784	3	208,623,600	2	4.35E+16	6
5,078	120	8	94,500	3	209,385,000	2	4.38E+16	60
5,079	1,974	5	10,857	4	209,446,335	2	4.39E+16	987
5,080	520	6	12,480	4	209,830,400	2	4.40E+16	520
5,081	4,264	4	209,089,504	2	2,132	5	4.40E+16	2,132
5,082	102	8	180,405,360	2	353,736	3	4.43E+16	102
5,083	10,107	4	323,424	3	353,745	3	4.43E+16	10,107
5,084	2,134	5	3,201	4	210,620,465	2	4.44E+16	1,067
5,085	12,222	4	281,106	3	354,438	3	4.45E+16	12,222
5,086	2,105	5	1,263	5	354,482	3	4.45E+16	421
5,087	12,822	4	132,436,301	2	2,137	5	4.46E+16	2,137
5,088	2,077	5	77,650,722	2	14,539	4	4.47E+16	2,077
5,089	349,272	3	130,977	3	14,553	4	4.49E+16	14,553
5,090	12,691	4	266,511	3	355,348	3	4.49E+16	12,691
5,091	120	8	360	6	212,544,000	2	4.52E+16	120
5,092	120	8	129,600	3	212,544,000	2	4.52E+16	120
5,093	360	6	14,400	4	212,544,000	2	4.52E+16	360
5,094	2,128	5	6,384	4	212,834,048	2	4.53E+16	2,128

FermatCatalan

5,095	1,539	5	13,851	4	213,166,890	2	4.54E+16	1,539
5,096	10,730	4	179,607,324	2	2,146	5	4.55E+16	2,146
5,097	14,294	4	157,234	3	357,350	3	4.56E+16	14,294
5,098	585	6	75,289,500	2	14,625	4	4.57E+16	585
5,099	115,943	3	210,451,668	2	71	9	4.58E+16	71
5,100	2,142	5	28,421,127	2	14,637	4	4.59E+16	357
5,101	62	8	357,492	3	214,256,872	2	4.59E+16	62
5,102	1,680	5	13,440	4	214,502,400	2	4.60E+16	1,680
5,103	13,449	4	237,599	3	358,640	3	4.61E+16	4,483
5,104	3	32	354,294	3	215,233,605	2	4.63E+16	3
5,105	3	34	13,122	4	215,233,605	2	4.63E+16	3
5,106	9	16	354,294	3	215,233,605	2	4.63E+16	9
5,107	9	17	13,122	4	215,233,605	2	4.63E+16	9
5,108	81	8	354,294	3	215,233,605	2	4.63E+16	81
5,109	11,711	4	302,335	3	359,456	3	4.64E+16	239
5,110	120	8	60,480,000	2	360,000	3	4.67E+16	120
5,111	120	8	60,480,000	2	600	6	4.67E+16	120
5,112	200	7	184,000,000	2	360,000	3	4.67E+16	200
5,113	200	7	184,000,000	2	600	6	4.67E+16	200
5,114	14,400	4	60,480,000	2	600	6	4.67E+16	600
5,115	600	5	215,910,000	2	14,700	4	4.67E+16	300
5,116	1,824	5	12,768	4	216,253,440	2	4.68E+16	1,824
5,117	14,706	4	7,353	3	360,297	3	4.68E+16	7,353
5,118	91	8	347,802	3	216,274,877	2	4.68E+16	91
5,119	2,148	5	5,728	4	216,340,832	2	4.68E+16	716
5,120	2,130	5	7,455	4	216,636,975	2	4.69E+16	1,065
5,121	561	6	11,220	4	216,842,769	2	4.70E+16	561
5,122	343,840	3	186,656	3	14,736	4	4.72E+16	4,912
5,123	507	6	13,182	4	217,206,405	2	4.72E+16	507
5,124	17	13	578	6	217,238,121	2	4.72E+16	17
5,125	17	13	578	6	14,739	4	4.72E+16	17
5,126	17	13	334,084	3	217,238,121	2	4.72E+16	17
5,127	17	13	334,084	3	14,739	4	4.72E+16	17
5,128	17	13	193,100,552	2	14,739	4	4.72E+16	17
5,129	348,486	3	69,987,605	2	241	7	4.72E+16	241
5,130	324,368	3	235,904	3	14,744	4	4.73E+16	14,744
5,131	1,953	5	11,718	4	217,409,913	2	4.73E+16	1,953
5,132	2,112	5	1,408	5	218,071,040	2	4.76E+16	704
5,133	722	5	217,896,712	2	2,166	5	4.77E+16	722
5,134	2,112	5	75,829,248	2	14,784	4	4.78E+16	2,112
5,135	14,712	4	98,080	3	362,896	3	4.78E+16	4,904
5,136	355,776	3	148,240	3	14,824	4	4.83E+16	14,824
5,137	14,833	4	19,071	3	364,468	3	4.84E+16	2,119
5,138	9,128	4	346,864	3	365,120	3	4.87E+16	9,128
5,139	297,180	3	282,321	3	14,859	4	4.87E+16	14,859
5,140	236	7	89,750,623	2	365,505	3	4.88E+16	59
5,141	14,625	4	146,250	3	365,625	3	4.89E+16	14,625
5,142	13,310	4	132,867,075	2	605	6	4.90E+16	605
5,143	342,953	3	208,754	3	14,911	4	4.94E+16	14,911

FermatCatalan

5,144	7,351	4	360,199	3	367,550	3	4.97E+16	7,351
5,145	2,028	5	11,154	4	223,118,532	2	4.98E+16	1,014
5,146	13,382	4	260,949	3	368,005	3	4.98E+16	6,691
5,147	1,508	5	14,326	4	223,426,788	2	4.99E+16	754
5,148	1,661	5	193,124,470	2	14,949	4	4.99E+16	1,661
5,149	3	33	354,294	3	2,187	5	5.00E+16	3
5,150	3	33	354,294	3	3	35	5.00E+16	3
5,151	3	33	354,294	3	243	7	5.00E+16	3
5,152	27	11	354,294	3	2,187	5	5.00E+16	27
5,153	27	11	354,294	3	3	35	5.00E+16	3
5,154	27	11	354,294	3	243	7	5.00E+16	27
5,155	354,294	3	177,147	3	2,187	5	5.00E+16	2,187
5,156	354,294	3	177,147	3	3	35	5.00E+16	3
5,157	354,294	3	177,147	3	243	7	5.00E+16	243
5,158	14,201	4	213,015	3	369,226	3	5.03E+16	14,201
5,159	1,449	5	14,490	4	224,657,307	2	5.05E+16	1,449
5,160	2,079	5	10,395	4	224,756,532	2	5.05E+16	2,079
5,161	33	10	2,178	5	33	11	5.05E+16	33
5,162	2,178	5	1,089	5	33	11	5.05E+16	33
5,163	2,178	5	39,135,393	2	33	11	5.05E+16	33
5,164	7	15	224,827,239	2	369,754	3	5.06E+16	7
5,165	8,768	4	211,414,016	2	2,192	5	5.06E+16	2,192
5,166	600	6	63,000,000	2	15,000	4	5.06E+16	600
5,167	2,145	5	8,580	4	225,450,225	2	5.08E+16	2,145
5,168	2,145	5	8,580	4	15,015	4	5.08E+16	2,145
5,169	2,145	5	73,616,400	2	15,015	4	5.08E+16	2,145
5,170	370,518	3	35,049	3	15,021	4	5.09E+16	5,007
5,171	105	8	330,750	3	225,736,875	2	5.10E+16	105
5,172	12,789	4	155,770,020	2	609	6	5.10E+16	609
5,173	13,176	4	144,672,480	2	2,196	5	5.11E+16	2,196
5,174	2,193	5	4,386	4	226,034,703	2	5.11E+16	2,193
5,175	6,591	4	222,033,214	2	13	15	5.12E+16	13
5,176	6,591	4	222,033,214	2	2,197	5	5.12E+16	2,197
5,177	244	7	5,447,544	2	610	6	5.15E+16	122
5,178	244	7	5,447,544	2	372,100	3	5.15E+16	244
5,179	14,896	4	134,064	3	372,400	3	5.16E+16	14,896
5,180	316,953	3	271,674	3	15,093	4	5.19E+16	15,093
5,181	1,887	5	167,356,143	2	15,096	4	5.19E+16	1,887
5,182	326,592	3	131,010,048	2	72	9	5.20E+16	72
5,183	420	6	14,700	4	228,438,000	2	5.22E+16	420
5,184	13,851	4	249,318	3	373,977	3	5.23E+16	13,851
5,185	370,636	3	113,460	3	15,128	4	5.24E+16	7,564
5,186	2,178	5	7,623	4	228,882,753	2	5.24E+16	1,089
5,187	369	6	223,304,040	2	123	8	5.24E+16	123
5,188	369	6	223,304,040	2	15,129	4	5.24E+16	369
5,189	136,161	3	223,304,040	2	123	8	5.24E+16	123
5,190	358,124	3	186,628	3	15,132	4	5.24E+16	5,044
5,191	1,922	5	1,922	5	229,033,208	2	5.25E+16	1,922
5,192	2,208	5	2,208	4	229,137,408	2	5.25E+16	2,208

FermatCatalan

5,193	2,210	4	229,552,700	2	2,210	5	5.27E+16	2,210
5,194	90	8	364,500	3	229,635,000	2	5.27E+16	90
5,195	363,720	3	166,705	3	15,155	4	5.28E+16	15,155
5,196	85	8	368,475	3	229,682,750	2	5.28E+16	85
5,197	15,184	4	35,040	3	376,096	3	5.32E+16	1,168
5,198	612	6	5,202	4	230,812,740	2	5.33E+16	306
5,199	2,176	5	71,024,640	2	15,232	4	5.38E+16	2,176
5,200	15,113	4	120,904	3	377,825	3	5.39E+16	15,113
5,201	12,215	4	317,590	3	378,665	3	5.43E+16	12,215
5,202	302,580	3	163,756,296	2	246	7	5.45E+16	246
5,203	4,450	4	232,679,375	2	2,225	5	5.45E+16	2,225
5,204	11,125	4	198,025,000	2	2,225	5	5.45E+16	2,225
5,205	15,130	4	46,139,825	2	2,225	5	5.45E+16	445
5,206	57	9	363,888	3	233,528,373	2	5.45E+16	57
5,207	120	8	228,096	3	234,233,856	2	5.49E+16	24
5,208	88	8	371,712	3	234,426,368	2	5.50E+16	88
5,209	123	8	137,842	3	234,538,163	2	5.50E+16	41
5,210	120	8	480	6	235,008,000	2	5.52E+16	120
5,211	120	8	230,400	3	235,008,000	2	5.52E+16	120
5,212	480	6	14,400	4	235,008,000	2	5.52E+16	480
5,213	11,548	4	334,892	3	381,084	3	5.53E+16	11,548
5,214	1,116	5	231,654,816	2	2,232	5	5.54E+16	1,116
5,215	1,536	5	217,055,232	2	15,360	4	5.57E+16	1,536
5,216	15,282	4	106,974	3	382,050	3	5.58E+16	15,282
5,217	123	8	151,290	3	236,330,109	2	5.59E+16	123
5,218	525	5	236,306,250	2	15,375	4	5.59E+16	75
5,219	42	9	235,970,280	2	382,788	3	5.61E+16	42
5,220	2,223	5	6,669	4	237,202,992	2	5.63E+16	2,223
5,221	73	7	383,688	3	237,689,387	2	5.65E+16	73
5,222	2,180	5	9,265	4	237,917,025	2	5.66E+16	545
5,223	1,234	5	231,839,601	2	15,425	4	5.66E+16	617
5,224	38	9	237,705,504	2	384,104	3	5.67E+16	38
5,225	2,205	5	68,068,350	2	15,435	4	5.68E+16	2,205
5,226	172	7	228,980,160	2	384,592	3	5.69E+16	172
5,227	15,409	4	92,454	3	385,225	3	5.72E+16	15,409
5,228	15	14	303,750	3	239,203,125	2	5.72E+16	15
5,229	225	7	303,750	3	239,203,125	2	5.72E+16	225
5,230	14,832	4	207,648	3	385,632	3	5.73E+16	14,832
5,231	10,719	4	353,727	3	385,884	3	5.75E+16	10,719
5,232	237,367	3	210,532,997	2	248	7	5.77E+16	31
5,233	15,500	4	77,500	3	387,500	3	5.82E+16	15,500
5,234	357,466	3	233,130	3	15,542	4	5.83E+16	15,542
5,235	72	9	432	6	241,864,704	2	5.85E+16	72
5,236	72	9	432	6	15,552	4	5.85E+16	72
5,237	72	9	186,624	3	241,864,704	2	5.85E+16	72
5,238	72	9	186,624	3	15,552	4	5.85E+16	72
5,239	72	9	80,621,568	2	15,552	4	5.85E+16	72
5,240	432	6	373,248	3	15,552	4	5.85E+16	432
5,241	373,248	3	186,624	3	15,552	4	5.85E+16	15,552

FermatCatalan

5,242	13,542	4	157,915,519	2	2,257	5	5.86E+16	2,257
5,243	327,180	3	286,881	3	15,561	4	5.86E+16	399
5,244	342,342	3	264,537	3	15,561	4	5.86E+16	15,561
5,245	621	6	6,210	4	242,568,189	2	5.88E+16	621
5,246	1,416	5	230,581,440	2	15,576	4	5.89E+16	1,416
5,247	15,561	4	62,244	3	389,025	3	5.89E+16	15,561
5,248	14,976	4	93,450,240	2	624	6	5.90E+16	624
5,249	14,259	4	261,415	3	389,746	3	5.92E+16	4,753
5,250	15,598	4	46,794	3	389,950	3	5.93E+16	15,598
5,251	7,651	4	382,550	3	390,201	3	5.94E+16	7,651
5,252	15,617	4	31,234	3	390,425	3	5.95E+16	15,617
5,253	248	7	123,008	3	244,047,872	2	5.96E+16	248
5,254	2,232	5	64,763,712	2	15,624	4	5.96E+16	2,232
5,255	15,624	4	15,624	3	390,600	3	5.96E+16	15,624
5,256	13,952	4	279,040	3	390,656	3	5.96E+16	13,952
5,257	390,650	3	15,626	3	15,626	4	5.96E+16	15,626
5,258	390,825	3	31,266	3	15,633	4	5.97E+16	15,633
5,259	19	13	260,642	3	390,963	3	5.98E+16	19
5,260	391,300	3	46,956	3	15,652	4	6.00E+16	15,652
5,261	392,225	3	62,756	3	15,689	4	6.06E+16	15,689
5,262	152	7	242,314,752	2	392,768	3	6.06E+16	152
5,263	55	9	237,084,375	2	393,250	3	6.08E+16	55
5,264	9,602	4	374,478	3	393,682	3	6.10E+16	9,602
5,265	312,500	3	312,500	3	250	7	6.10E+16	250
5,266	2,068	5	12,408	4	248,044,192	2	6.15E+16	2,068
5,267	393,750	3	78,750	3	15,750	4	6.15E+16	15,750
5,268	2,280	5	1,140	4	248,223,600	2	6.16E+16	1,140
5,269	9,124	4	234,133,245	2	2,281	5	6.17E+16	2,281
5,270	13,176	4	316,224	3	395,280	3	6.18E+16	13,176
5,271	2,151	5	125,951,805	2	15,774	4	6.19E+16	717
5,272	6,290	4	245,693,061	2	629	6	6.19E+16	629
5,273	2,257	5	61,128,588	2	15,799	4	6.23E+16	2,257
5,274	236	7	278,480	3	249,740,864	2	6.24E+16	236
5,275	7,912	4	388,608	3	397,072	3	6.26E+16	184
5,276	51	7	250,494,218	2	397,375	3	6.27E+16	17
5,277	1,980	5	180,338,400	2	15,840	4	6.30E+16	1,980
5,278	223	7	188,522,639	2	397,832	3	6.30E+16	223
5,279	396,025	3	95,046	3	15,841	4	6.30E+16	15,841
5,280	6,870	4	246,472,700	2	2,290	5	6.30E+16	2,290
5,281	15,606	4	7,803	4	397,953	3	6.30E+16	7,803
5,282	2,288	5	4,576	4	251,277,312	2	6.31E+16	2,288
5,283	13,741	4	302,302	3	398,489	3	6.33E+16	13,741
5,284	2,244	5	8,976	4	251,776,800	2	6.34E+16	2,244
5,285	14,770	4	251,090	3	398,790	3	6.34E+16	14,770
5,286	1,955	5	13,685	4	252,253,650	2	6.36E+16	1,955
5,287	15,750	4	129,375	3	399,375	3	6.37E+16	1,125
5,288	561	6	180,719,792	2	15,895	4	6.38E+16	187
5,289	276	6	15,870	4	252,732,924	2	6.39E+16	138
5,290	2,184	5	10,920	4	252,802,368	2	6.39E+16	2,184

FermatCatalan

5,291	15,379	4	199,927	3	399,854	3	6.39E+16	15,379
5,292	2,000	5	2,000	5	400,000	3	6.40E+16	2,000
5,293	2,124	5	145,491,876	2	15,930	4	6.44E+16	1,062
5,294	15,724	4	149,378	3	400,962	3	6.45E+16	7,862
5,295	2,028	5	13,182	4	253,964,412	2	6.45E+16	1,014
5,296	190,512	3	240,045,120	2	252	7	6.45E+16	252
5,297	381,024	3	96,018,048	2	252	7	6.45E+16	252
5,298	252	7	126	6	254,047,752	2	6.45E+16	126
5,299	252	7	15,876	3	254,047,752	2	6.45E+16	252
5,300	588	6	12,348	4	254,121,840	2	6.46E+16	588
5,301	2,175	5	126,675,625	2	15,950	4	6.47E+16	725
5,302	2,303	5	2,303	4	254,582,832	2	6.48E+16	2,303
5,303	2,280	5	57,182,400	2	15,960	4	6.49E+16	2,280
5,304	15,864	4	116,336	3	401,888	3	6.49E+16	5,288
5,305	294,912	3	198,180,864	2	48	10	6.49E+16	48
5,306	399,200	3	111,776	3	15,968	4	6.50E+16	15,968
5,307	2,305	4	255,025,200	2	2,305	5	6.51E+16	2,305
5,308	11,530	4	218,023,076	2	2,306	5	6.52E+16	2,306
5,309	799	5	254,721,999	2	15,980	4	6.52E+16	799
5,310	389,236	3	186,620	3	15,996	4	6.55E+16	5,332
5,311	320,000	3	320,000	3	16,000	4	6.55E+16	16,000
5,312	384,504	3	208,273	3	16,021	4	6.59E+16	16,021
5,313	1,862	5	351,918	3	404,054	3	6.60E+16	1,862
5,314	1,266	5	15,825	4	256,841,649	2	6.60E+16	633
5,315	328,615	3	312,585	3	16,030	4	6.60E+16	8,015
5,316	801	5	16,020	4	257,282,001	2	6.62E+16	801
5,317	21	12	388,962	3	257,298,363	2	6.62E+16	21
5,318	2,299	5	126,445	3	404,624	3	6.62E+16	2,299
5,319	13,500	4	13,500	4	405,000	3	6.64E+16	13,500
5,320	257,372	3	222,467,976	2	74	9	6.65E+16	74
5,321	3	34	243	7	258,280,326	2	6.67E+16	3
5,322	3	34	2,187	5	258,280,326	2	6.67E+16	3
5,323	3	35	3	34	258,280,326	2	6.67E+16	3
5,324	3	35	9	17	258,280,326	2	6.67E+16	3
5,325	9	17	243	7	258,280,326	2	6.67E+16	9
5,326	9	17	2,187	5	258,280,326	2	6.67E+16	9
5,327	14,673	4	273,896	3	405,953	3	6.69E+16	4,891
5,328	1,833	5	14,664	4	258,711,453	2	6.69E+16	1,833
5,329	4,640	4	258,355,200	2	2,320	5	6.72E+16	2,320
5,330	13,920	4	172,236,800	2	2,320	5	6.72E+16	2,320
5,331	2,301	5	52,946,010	2	16,107	4	6.73E+16	2,301
5,332	338,520	3	306,280	3	16,120	4	6.75E+16	16,120
5,333	161,290	3	251,951,109	2	127	8	6.77E+16	127
5,334	403,425	3	129,096	3	16,137	4	6.78E+16	16,137
5,335	127	7	16,129	4	254	7	6.82E+16	127
5,336	127	7	260,144,641	2	254	7	6.82E+16	127
5,337	127	8	127	7	254	7	6.82E+16	127
5,338	2,156	5	147,584,668	2	16,170	4	6.84E+16	1,078
5,339	2,328	5	1,164	4	261,494,928	2	6.84E+16	1,164

FermatCatalan

5,340	540	6	209,952,000	2	16,200	4	6.89E+16	540
5,341	1,800	5	223,560,000	2	16,200	4	6.89E+16	1,800
5,342	399	6	15,960	4	262,522,449	2	6.89E+16	399
5,343	1,935	5	14,319	4	262,994,364	2	6.92E+16	387
5,344	2,328	5	5,432	4	263,150,912	2	6.92E+16	776
5,345	624	6	101,237,760	2	16,224	4	6.93E+16	624
5,346	2,296	5	8,610	4	263,251,324	2	6.93E+16	574
5,347	2,320	5	6,960	4	16,240	4	6.96E+16	2,320
5,348	2,320	5	6,960	4	263,737,600	2	6.96E+16	2,320
5,349	2,320	5	48,441,600	2	16,240	4	6.96E+16	2,320
5,350	127	8	129,032	3	264,241,407	2	6.98E+16	127
5,351	374,049	3	260,208	3	16,263	4	7.00E+16	16,263
5,352	411,996	3	27,105	3	16,263	4	7.00E+16	5,421
5,353	15,848	4	190,176	3	412,048	3	7.00E+16	15,848
5,354	349,805	3	300,995	3	16,270	4	7.01E+16	8,135
5,355	14,040	4	315,360	3	412,560	3	7.02E+16	1,080
5,356	255	7	255	6	265,302,000	2	7.04E+16	255
5,357	255	7	65,025	3	265,302,000	2	7.04E+16	255
5,358	3	35	143,489,070	2	413,343	3	7.06E+16	3
5,359	243	7	143,489,070	2	413,343	3	7.06E+16	243
5,360	7,957	4	405,807	3	413,764	3	7.08E+16	7,957
5,361	2,268	5	10,206	4	266,192,892	2	7.09E+16	1,134
5,362	1,020	5	264,261,600	2	16,320	4	7.09E+16	1,020
5,363	14,534	4	297,947	3	414,219	3	7.11E+16	7,267
5,364	1,167	5	262,844,577	2	16,338	4	7.13E+16	1,167
5,365	408,850	3	147,186	3	16,354	4	7.15E+16	16,354
5,366	190	7	397,100	3	267,501,000	2	7.16E+16	190
5,367	2,337	5	43,692,552	2	16,359	4	7.16E+16	2,337
5,368	504	6	235,790,352	2	16,380	4	7.20E+16	252
5,369	2	55	2	55	4	28	7.21E+16	2
5,370	2	55	2	55	128	8	7.21E+16	2
5,371	2	55	2	55	16	14	7.21E+16	2
5,372	2	55	2	55	16,384	4	7.21E+16	2
5,373	2	55	2	55	256	7	7.21E+16	2
5,374	2	55	2	55	268,435,456	2	7.21E+16	2
5,375	2	55	2	55	2	56	7.21E+16	2
5,376	2	55	32	11	4	28	7.21E+16	2
5,377	2	55	32	11	128	8	7.21E+16	2
5,378	2	55	32	11	16	14	7.21E+16	2
5,379	2	55	32	11	16,384	4	7.21E+16	2
5,380	2	55	32	11	256	7	7.21E+16	2
5,381	2	55	32	11	268,435,456	2	7.21E+16	2
5,382	2	55	32	11	2	56	7.21E+16	2
5,383	2	55	2,048	5	4	28	7.21E+16	2
5,384	2	55	2,048	5	128	8	7.21E+16	2
5,385	2	55	2,048	5	16	14	7.21E+16	2
5,386	2	55	2,048	5	16,384	4	7.21E+16	2
5,387	2	55	2,048	5	256	7	7.21E+16	2
5,388	2	55	2,048	5	268,435,456	2	7.21E+16	2

FermatCatalan

5,389	2	55	2,048	5	2	56	7.21E+16	2
5,390	32	11	32	11	4	28	7.21E+16	4
5,391	32	11	32	11	128	8	7.21E+16	32
5,392	32	11	32	11	16	14	7.21E+16	16
5,393	32	11	32	11	16,384	4	7.21E+16	32
5,394	32	11	32	11	256	7	7.21E+16	32
5,395	32	11	32	11	268,435,456	2	7.21E+16	32
5,396	32	11	32	11	2	56	7.21E+16	2
5,397	32	11	2,048	5	4	28	7.21E+16	4
5,398	32	11	2,048	5	128	8	7.21E+16	32
5,399	32	11	2,048	5	16	14	7.21E+16	16
5,400	32	11	2,048	5	16,384	4	7.21E+16	32
5,401	32	11	2,048	5	256	7	7.21E+16	32
5,402	32	11	2,048	5	268,435,456	2	7.21E+16	32
5,403	32	11	2,048	5	2	56	7.21E+16	2
5,404	2,048	5	2,048	5	4	28	7.21E+16	4
5,405	2,048	5	2,048	5	128	8	7.21E+16	128
5,406	2,048	5	2,048	5	16	14	7.21E+16	16
5,407	2,048	5	2,048	5	16,384	4	7.21E+16	2,048
5,408	2,048	5	2,048	5	256	7	7.21E+16	256
5,409	2,048	5	2,048	5	268,435,456	2	7.21E+16	2,048
5,410	2,048	5	2,048	5	2	56	7.21E+16	2
5,411	640	6	7,680	4	268,697,600	2	7.22E+16	640
5,412	40	9	416,000	3	268,800,000	2	7.23E+16	40
5,413	1,720	5	15,480	4	269,214,400	2	7.25E+16	1,720
5,414	1,794	5	15,249	4	269,544,015	2	7.27E+16	897
5,415	444	6	255,291,120	2	16,428	4	7.28E+16	444
5,416	12,304	4	369,120	3	418,336	3	7.32E+16	12,304
5,417	2,064	5	13,760	4	270,752,768	2	7.33E+16	688
5,418	13,085	4	353,295	3	418,720	3	7.34E+16	13,085
5,419	2,352	5	38,723,328	2	16,464	4	7.35E+16	2,352
5,420	406,112	3	186,592	3	16,464	4	7.35E+16	5,488
5,421	1,780	5	235,847,775	2	16,465	4	7.35E+16	445
5,422	362,560	3	296,640	3	16,480	4	7.38E+16	16,480
5,423	2,090	5	13,585	4	271,914,225	2	7.39E+16	1,045
5,424	11,349	4	385,866	3	419,913	3	7.40E+16	11,349
5,425	257	6	271,593,488	2	257	7	7.41E+16	257
5,426	66,049	3	271,593,488	2	257	7	7.41E+16	257
5,427	1,028	5	16,448	4	272,650,272	2	7.43E+16	1,028
5,428	15,587	4	249,392	3	420,849	3	7.45E+16	15,587
5,429	9,488	4	258,813,664	2	2,372	5	7.51E+16	2,372
5,430	2,365	5	33,559,350	2	16,555	4	7.51E+16	2,365
5,431	16,245	4	178,695	3	422,370	3	7.53E+16	16,245
5,432	2,071	5	193,006,845	2	16,568	4	7.53E+16	2,071
5,433	397,632	3	231,952	3	16,568	4	7.53E+16	16,568
5,434	16,458	4	126,178	3	422,422	3	7.54E+16	5,486
5,435	15,093	4	286,767	3	422,604	3	7.55E+16	15,093
5,436	650	5	274,519,375	2	16,575	4	7.55E+16	325
5,437	172	7	414,176	3	274,776,192	2	7.55E+16	172

FermatCatalan

5,438	16,578	4	24,867	3	422,739	3	7.55E+16	8,289
5,439	273	6	16,562	4	275,053,415	2	7.57E+16	91
5,440	107	8	242,558,514	2	423,613	3	7.60E+16	107
5,441	10,088	4	403,520	3	423,696	3	7.61E+16	10,088
5,442	217	7	376,712	3	275,894,451	2	7.61E+16	217
5,443	217	7	376,712	3	423,801	3	7.61E+16	217
5,444	217	7	376,712	3	651	6	7.61E+16	217
5,445	415,625	3	166,250	3	16,625	4	7.64E+16	16,625
5,446	2,376	5	28,226,880	2	16,632	4	7.65E+16	2,376
5,447	258	7	129	7	16,641	4	7.67E+16	129
5,448	258	7	129	7	276,922,881	2	7.67E+16	129
5,449	258	7	129	7	129	8	7.67E+16	129
5,450	133,128	3	272,629,503	2	129	8	7.67E+16	129
5,451	7,155	4	273,034,800	2	2,385	5	7.72E+16	2,385
5,452	14,310	4	187,711,425	2	2,385	5	7.72E+16	2,385
5,453	15,741	4	125,596,008	2	2,385	5	7.72E+16	477
5,454	65	9	384,475	3	278,469,750	2	7.75E+16	65
5,455	630	6	123,138,225	2	16,695	4	7.77E+16	315
5,456	2,385	5	4,770	4	278,723,025	2	7.77E+16	2,385
5,457	2,385	5	4,770	4	16,695	4	7.77E+16	2,385
5,458	2,385	5	22,752,900	2	16,695	4	7.77E+16	2,385
5,459	11,945	4	239,707,482	2	2,389	5	7.78E+16	2,389
5,460	1,185	5	16,590	4	279,440,775	2	7.81E+16	1,185
5,461	2,376	5	1,188	5	279,446,112	2	7.81E+16	1,188
5,462	240	7	13,440	4	280,166,400	2	7.85E+16	240
5,463	2,392	5	17,164,992	2	16,744	4	7.86E+16	2,392
5,464	2,345	5	9,380	4	280,450,275	2	7.87E+16	2,345
5,465	376,875	3	293,125	3	16,750	4	7.87E+16	8,375
5,466	1,488	5	16,368	4	281,196,288	2	7.91E+16	1,488
5,467	2,320	5	10,440	4	281,230,400	2	7.91E+16	1,160
5,468	2,397	5	11,491,218	2	16,779	4	7.93E+16	2,397
5,469	2,185	5	13,110	4	281,679,275	2	7.93E+16	2,185
5,470	129	7	428,968	3	282,011,329	2	7.95E+16	43
5,471	800	5	281,600,000	2	2,400	5	7.96E+16	800
5,472	2,400	5	2,400	4	16,800	4	7.97E+16	2,400
5,473	2,400	5	2,400	4	282,240,000	2	7.97E+16	2,400
5,474	2,400	5	5,760,000	2	16,800	4	7.97E+16	2,400
5,475	7,872	4	275,415,040	2	656	6	7.97E+16	656
5,476	1,984	5	14,880	4	282,426,368	2	7.98E+16	992
5,477	2,402	4	282,710,596	2	2,402	5	8.00E+16	2,402
5,478	16,814	4	2,402	4	2,402	5	8.00E+16	2,402
5,479	16,814	4	5,769,604	2	2,402	5	8.00E+16	2,402
5,480	580	6	204,867,600	2	16,820	4	8.00E+16	580
5,481	16,576	4	165,760	3	430,976	3	8.00E+16	16,576
5,482	520	6	246,064,000	2	260	7	8.03E+16	260
5,483	270,400	3	246,064,000	2	260	7	8.03E+16	260
5,484	354,224	3	189,398,976	2	260	7	8.03E+16	52
5,485	260	7	130	6	283,413,000	2	8.03E+16	130
5,486	260	7	16,900	3	283,413,000	2	8.03E+16	260

FermatCatalan

5,487	2,291	5	11,455	4	283,428,774	2	8.03E+16	2,291
5,488	16,835	4	11,568,050	2	2,405	5	8.05E+16	2,405
5,489	429,828	3	109,564	3	16,856	4	8.07E+16	8,428
5,490	2,265	5	12,080	4	284,442,475	2	8.09E+16	755
5,491	15	14	227,812,500	2	16,875	4	8.11E+16	15
5,492	225	7	227,812,500	2	16,875	4	8.11E+16	225
5,493	9,158	4	272,516,052	2	2,410	5	8.13E+16	482
5,494	16,870	4	17,424,300	2	2,410	5	8.13E+16	2,410
5,495	434,049	3	22,548	3	16,911	4	8.18E+16	5,637
5,496	348	6	16,820	4	286,034,192	2	8.18E+16	116
5,497	16,000	4	128,000,000	2	20	13	8.19E+16	20
5,498	2,015	5	221,038,649	2	16,926	4	8.21E+16	403
5,499	4,834	4	286,252,561	2	2,417	5	8.25E+16	2,417
5,500	16,919	4	4,834	4	2,417	5	8.25E+16	2,417
5,501	16,919	4	23,367,556	2	2,417	5	8.25E+16	2,417
5,502	1,800	5	252,504,000	2	660	6	8.27E+16	60
5,503	1,023	5	285,546,735	2	2,418	5	8.27E+16	93
5,504	423,900	3	186,516	3	16,956	4	8.27E+16	16,956
5,505	89	7	435,655	3	287,627,352	2	8.27E+16	89
5,506	2,340	5	112,592,025	2	16,965	4	8.28E+16	585
5,507	48	9	16,896	4	287,834,112	2	8.28E+16	48
5,508	1,415	5	278,309,275	2	16,980	4	8.31E+16	1,415
5,509	135	7	287,863,875	2	437,400	3	8.37E+16	135
5,510	2,430	4	437,400	3	17,010	4	8.37E+16	2,430
5,511	16,982	4	29,427,380	2	2,426	5	8.40E+16	2,426
5,512	16,847	4	151,623	3	438,022	3	8.40E+16	16,847
5,513	8,269	4	429,988	3	438,257	3	8.42E+16	8,269
5,514	120	8	345,600	3	290,304,000	2	8.43E+16	120
5,515	15,128	4	317,688	3	438,712	3	8.44E+16	15,128
5,516	14,166	4	354,150	3	439,146	3	8.47E+16	14,166
5,517	130	8	57,122,000	2	439,400	3	8.48E+16	130
5,518	15,519	4	300,034	3	439,705	3	8.50E+16	5,173
5,519	392,840	3	290,360	3	17,080	4	8.51E+16	17,080
5,520	2,088	5	14,616	4	292,102,848	2	8.53E+16	2,088
5,521	16,308	4	244,620	3	440,316	3	8.54E+16	16,308
5,522	660	6	7,260	4	292,287,600	2	8.54E+16	660
5,523	2,419	5	7,257	4	292,578,050	2	8.56E+16	2,419
5,524	17,059	4	35,633,814	2	2,437	5	8.60E+16	2,437
5,525	660	6	7,700	4	293,546,000	2	8.62E+16	220
5,526	2,305	5	1,844	5	293,916,543	2	8.64E+16	461
5,527	1,596	5	276,213,735	2	17,157	4	8.66E+16	399
5,528	2,436	5	6,090	4	295,221,276	2	8.72E+16	1,218
5,529	1,719	5	268,901,451	2	17,190	4	8.73E+16	1,719
5,530	17,064	4	136,512	3	443,664	3	8.73E+16	17,064
5,531	412,776	3	257,985	3	17,199	4	8.75E+16	17,199
5,532	14,833	4	341,159	3	444,990	3	8.81E+16	14,833
5,533	17,150	4	42,017,500	2	2,450	5	8.83E+16	2,450
5,534	1,878	5	15,963	4	297,139,977	2	8.83E+16	939
5,535	2,240	5	317,440	3	445,440	3	8.84E+16	320

FermatCatalan

5,536	612	6	13,770	4	297,481,572	2	8.85E+16	306
5,537	14,712	4	204,418,336	2	2,452	5	8.86E+16	2,452
5,538	362,481	3	345,220	3	17,261	4	8.88E+16	17,261
5,539	2,160	5	205,286,400	2	17,280	4	8.92E+16	2,160
5,540	447,070	3	22,230	3	17,290	4	8.94E+16	2,470
5,541	139,392	3	294,395,904	2	264	7	8.94E+16	264
5,542	1,664	5	16,640	4	299,040,768	2	8.94E+16	1,664
5,543	252	7	292,896	3	299,438,208	2	8.97E+16	36
5,544	2,100	5	14,875	4	299,665,625	2	8.98E+16	175
5,545	17,233	4	120,631	3	448,058	3	9.00E+16	17,233
5,546	1,386	5	291,511,143	2	17,325	4	9.01E+16	693
5,547	433,825	3	208,236	3	17,353	4	9.07E+16	17,353
5,548	1,336	5	294,507,840	2	17,368	4	9.10E+16	1,336
5,549	9,860	4	285,582,575	2	2,465	5	9.10E+16	2,465
5,550	17,255	4	48,609,800	2	2,465	5	9.10E+16	2,465
5,551	7,381	4	297,159,060	2	671	6	9.13E+16	671
5,552	520	6	16,380	4	302,915,600	2	9.18E+16	260
5,553	421,350	3	130,267,375	2	265	7	9.18E+16	265
5,554	109	8	415,835	3	303,036,786	2	9.18E+16	109
5,555	16,120	4	290,160	3	451,360	3	9.20E+16	16,120
5,556	17,360	4	104,160	3	451,360	3	9.20E+16	17,360
5,557	2,470	5	3,705	4	303,519,775	2	9.21E+16	1,235
5,558	233	7	380,023	3	303,584,088	2	9.22E+16	233
5,559	418,176	3	137,998,080	2	132	8	9.22E+16	132
5,560	1,937	5	255,133,892	2	17,433	4	9.24E+16	1,937
5,561	12,370	4	263,189,068	2	2,474	5	9.27E+16	2,474
5,562	410,545	3	288,255	3	17,470	4	9.31E+16	8,735
5,563	442,624	3	186,368	3	17,472	4	9.32E+16	5,824
5,564	2,056	5	15,420	4	305,410,576	2	9.33E+16	1,028
5,565	2,056	5	15,420	4	17,476	4	9.33E+16	1,028
5,566	2,056	5	237,776,400	2	17,476	4	9.33E+16	1,028
5,567	17,451	4	87,255	3	453,726	3	9.34E+16	17,451
5,568	262	7	205,932	3	305,740,376	2	9.35E+16	262
5,569	104	7	305,963,008	2	454,272	3	9.37E+16	104
5,570	16,176	4	158,996,600	2	674	6	9.37E+16	674
5,571	2,355	5	277,890	3	454,515	3	9.39E+16	2,355
5,572	385,154	3	332,633	3	17,507	4	9.39E+16	17,507
5,573	7,446	4	301,855,876	2	2,482	5	9.42E+16	2,482
5,574	17,374	4	7,446	4	2,482	5	9.42E+16	2,482
5,575	17,374	4	55,442,916	2	2,482	5	9.42E+16	2,482
5,576	10,586	4	434,026	3	455,198	3	9.43E+16	10,586
5,577	17,512	4	70,048	3	455,312	3	9.44E+16	17,512
5,578	45	10	246,037,500	2	675	6	9.46E+16	45
5,579	45	10	246,037,500	2	455,625	3	9.46E+16	45
5,580	2,025	5	246,037,500	2	675	6	9.46E+16	675
5,581	11,997	4	419,895	3	455,886	3	9.47E+16	11,997
5,582	1,288	5	17,388	4	308,148,848	2	9.50E+16	644
5,583	17,549	4	52,647	3	456,274	3	9.50E+16	17,549
5,584	1,988	5	15,904	4	308,267,232	2	9.50E+16	1,988

FermatCatalan

5,585	2,484	5	4,968	4	308,512,800	2	9.52E+16	2,484
5,586	17,568	4	35,136	3	456,768	3	9.53E+16	17,568
5,587	17,575	4	17,575	3	456,950	3	9.54E+16	17,575
5,588	457,002	3	17,577	3	17,577	4	9.55E+16	17,577
5,589	457,184	3	35,168	3	17,584	4	9.56E+16	17,584
5,590	15,951	4	313,703	3	457,262	3	9.56E+16	5,317
5,591	16,939	4	237,146	3	457,353	3	9.57E+16	16,939
5,592	457,678	3	52,809	3	17,603	4	9.60E+16	17,603
5,593	13,084	4	405,604	3	457,940	3	9.60E+16	13,084
5,594	2,486	5	6,215	4	310,554,849	2	9.64E+16	1,243
5,595	458,640	3	70,560	3	17,640	4	9.68E+16	17,640
5,596	459,264	3	19,968	3	2,496	5	9.69E+16	2,496
5,597	2,448	5	9,792	4	311,620,608	2	9.71E+16	2,448
5,598	242	7	242	7	311,794,736	2	9.72E+16	242
5,599	609	6	215,110,980	2	17,661	4	9.73E+16	609
5,600	2,499	5	2,499	4	312,250,050	2	9.75E+16	2,499
5,601	2,501	4	312,750,050	2	2,501	5	9.79E+16	2,501
5,602	17,507	4	62,550,010	2	2,501	5	9.79E+16	2,501
5,603	2,178	5	2,178	5	313,083,144	2	9.80E+16	2,178
5,604	460,226	3	88,505	3	17,701	4	9.82E+16	17,701
5,605	13,985	4	391,580	3	461,505	3	9.83E+16	13,985
5,606	148	7	459,984	3	314,453,824	2	9.89E+16	148
5,607	17,452	4	183,246	3	462,478	3	9.89E+16	8,726
5,608	10	14	314,375,000	2	462,500	3	9.89E+16	10
5,609	100	7	314,375,000	2	462,500	3	9.89E+16	100
5,610	2,366	5	158,142,257	2	17,745	4	9.92E+16	1,183
5,611	35	11	35	10	315,131,250	2	9.93E+16	35
5,612	35	11	1,225	5	315,131,250	2	9.93E+16	35
5,613	418,770	3	296,946	3	17,766	4	9.96E+16	2,538
5,614	8,587	4	455,111	3	463,698	3	9.97E+16	8,587
5,615	672	6	9,408	4	316,108,800	2	9.99E+16	672
5,616	15,734	4	338,281	3	464,153	3	1.00E+17	7,867
5,617	10	16	300,000,000	2	10	17	1.00E+17	10
5,618	100	8	300,000,000	2	10	17	1.00E+17	10
5,619	10,000	4	300,000,000	2	10	17	1.00E+17	10
5,620	1,908	5	16,536	4	316,315,872	2	1.00E+17	636
5,621	260	7	520	6	316,368,000	2	1.00E+17	260
5,622	260	7	270,400	3	316,368,000	2	1.00E+17	260
5,623	77	9	70,306,082	2	17,787	4	1.00E+17	77
5,624	462,592	3	106,752	3	17,792	4	1.00E+17	17,792
5,625	2,400	5	12,000	4	316,800,000	2	1.00E+17	2,400
5,626	2,055	5	252,912,275	2	17,810	4	1.01E+17	685
5,627	5,032	4	316,512,800	2	2,516	5	1.01E+17	2,516
5,628	445,550	3	231,686	3	17,822	4	1.01E+17	17,822
5,629	17,682	4	147,350	3	465,626	3	1.01E+17	5,894
5,630	24	12	48	10	318,504,960	2	1.01E+17	24
5,631	24	12	2,304	5	318,504,960	2	1.01E+17	24
5,632	48	10	576	6	318,504,960	2	1.01E+17	48
5,633	48	10	13,824	4	318,504,960	2	1.01E+17	48

FermatCatalan

5,634	48	10	331,776	3	318,504,960	2	1.01E+17	48
5,635	576	6	2,304	5	318,504,960	2	1.01E+17	576
5,636	2,304	5	13,824	4	318,504,960	2	1.01E+17	2,304
5,637	1,700	5	295,502,500	2	17,850	4	1.02E+17	850
5,638	6	21	282,175,488	2	466,560	3	1.02E+17	6
5,639	216	7	282,175,488	2	466,560	3	1.02E+17	216
5,640	15,126	4	222,440,435	2	2,521	5	1.02E+17	2,521
5,641	2,520	5	3,780	4	319,107,600	2	1.02E+17	1,260
5,642	361,805	3	233,581,308	2	269	7	1.02E+17	269
5,643	17,654	4	69,965,324	2	2,522	5	1.02E+17	2,522
5,644	1,465	5	17,580	4	319,787,525	2	1.02E+17	1,465
5,645	465,894	3	125,433	3	17,919	4	1.03E+17	17,919
5,646	448	6	308,281,344	2	17,920	4	1.03E+17	448
5,647	430,080	3	286,720	3	17,920	4	1.03E+17	17,920
5,648	214	7	287,885,105	2	469,409	3	1.03E+17	107
5,649	2,316	5	192,763,575	2	17,949	4	1.04E+17	579
5,650	2,112	5	248,675,328	2	17,952	4	1.04E+17	1,056
5,651	2,394	5	159,041,799	2	17,955	4	1.04E+17	1,197
5,652	72	9	72	9	322,486,272	2	1.04E+17	72
5,653	72	9	373,248	3	322,486,272	2	1.04E+17	72
5,654	1,688	5	300,605,792	2	2,532	5	1.04E+17	844
5,655	2,247	5	217,107,387	2	17,976	4	1.04E+17	2,247
5,656	1,368	5	17,784	4	323,756,352	2	1.05E+17	1,368
5,657	2,520	5	7,560	4	323,870,400	2	1.05E+17	2,520
5,658	413,977	3	323,982	3	17,999	4	1.05E+17	17,999
5,659	204	7	300,680,513	2	471,937	3	1.05E+17	17
5,660	17,486	4	227,318	3	472,122	3	1.05E+17	17,486
5,661	462,308	3	186,124	3	18,012	4	1.05E+17	6,004
5,662	65	9	439,400	3	324,881,375	2	1.06E+17	65
5,663	2,520	5	68,972,400	2	18,060	4	1.06E+17	420
5,664	17,815	4	77,724,300	2	2,545	5	1.07E+17	2,545
5,665	158,184	3	320,797,152	2	78	9	1.07E+17	78
5,666	217,503	3	310,772,241	2	78	9	1.07E+17	39
5,667	13,780	4	266,318,481	2	689	6	1.07E+17	689
5,668	470,288	3	144,704	3	18,088	4	1.07E+17	18,088
5,669	1,645	5	308,486,850	2	18,095	4	1.07E+17	1,645
5,670	16,389	4	327,780	3	475,281	3	1.07E+17	16,389
5,671	17,039	4	289,663	3	477,092	3	1.09E+17	17,039
5,672	2,528	5	8,848	4	330,723,072	2	1.09E+17	1,264
5,673	10,240	4	314,572,800	2	2,560	5	1.10E+17	2,560
5,674	12,805	4	288,583,724	2	2,561	5	1.10E+17	2,561
5,675	2,468	5	11,723	4	332,341,497	2	1.10E+17	617
5,676	560	6	16,800	4	332,416,000	2	1.11E+17	560
5,677	262	7	161,862,552	2	480,508	3	1.11E+17	262
5,678	1,903	5	17,127	4	333,169,628	2	1.11E+17	1,903
5,679	480,873	3	12,174	3	18,261	4	1.11E+17	6,087
5,680	13,832	4	422,408	3	481,992	3	1.12E+17	1,064
5,681	17,990	4	85,863,700	2	2,570	5	1.12E+17	2,570
5,682	475,930	3	164,745	3	18,305	4	1.12E+17	18,305

FermatCatalan

5,683	28	9	335,602,176	2	482,944	3	1.13E+17	28
5,684	242	7	253,333,223	2	483,153	3	1.13E+17	121
5,685	2,223	5	15,561	4	336,037,572	2	1.13E+17	2,223
5,686	472,017	3	198,744	3	273	7	1.13E+17	273
5,687	264	7	288,585	3	336,765,627	2	1.13E+17	33
5,688	459,225	3	257,166	3	18,369	4	1.14E+17	18,369
5,689	17,955	4	215,460	3	484,785	3	1.14E+17	17,955
5,690	2,420	5	13,310	4	338,207,100	2	1.14E+17	1,210
5,691	13	13	337,876,630	2	485,537	3	1.14E+17	13
5,692	7,743	4	333,078,050	2	2,581	5	1.15E+17	2,581
5,693	588	6	16,464	4	338,829,120	2	1.15E+17	588
5,694	15,192	4	394,992	3	486,144	3	1.15E+17	15,192
5,695	2,100	5	16,520	4	339,589,600	2	1.15E+17	140
5,696	451,535	3	285,665	3	18,430	4	1.15E+17	9,215
5,697	22	12	468,512	3	340,139,712	2	1.16E+17	22
5,698	182	7	477,932	3	487,396	3	1.16E+17	182
5,699	281,535	3	305,991,007	2	274	7	1.16E+17	137
5,700	116	8	288,570,648	2	487,780	3	1.16E+17	116
5,701	2,585	5	5,170	4	340,793,475	2	1.16E+17	2,585
5,702	11,096	4	466,032	3	488,224	3	1.16E+17	11,096
5,703	18,312	4	158,704	3	488,320	3	1.16E+17	6,104
5,704	1,980	5	293,594,400	2	18,480	4	1.17E+17	660
5,705	15,552	4	15,552	4	2,592	5	1.17E+17	2,592
5,706	15,552	4	241,864,704	2	2,592	5	1.17E+17	2,592
5,707	544	6	301,854,720	2	18,496	4	1.17E+17	544
5,708	544	6	301,854,720	2	136	8	1.17E+17	136
5,709	295,936	3	301,854,720	2	136	8	1.17E+17	136
5,710	881	5	341,510,840	2	18,501	4	1.17E+17	881
5,711	60	7	342,576,000	2	489,600	3	1.17E+17	60
5,712	9,800	4	329,280,000	2	700	6	1.18E+17	700
5,713	388,962	3	388,962	3	18,522	4	1.18E+17	18,522
5,714	8,911	4	481,194	3	490,105	3	1.18E+17	8,911
5,715	16,352	4	359,744	3	490,560	3	1.18E+17	16,352
5,716	18,179	4	94,421,726	2	2,597	5	1.18E+17	2,597
5,717	1,710	5	17,955	4	344,312,775	2	1.19E+17	855
5,718	136	8	39,421,912	2	491,300	3	1.19E+17	68
5,719	883	5	18,543	4	344,622,538	2	1.19E+17	883
5,720	2,600	5	2,600	4	344,760,000	2	1.19E+17	2,600
5,721	482,976	3	185,760	3	18,576	4	1.19E+17	18,576
5,722	2,602	4	345,290,604	2	2,602	5	1.19E+17	2,602
5,723	2,553	5	10,212	4	345,443,877	2	1.19E+17	2,553
5,724	18,594	4	46,485	3	492,741	3	1.20E+17	9,297
5,725	702	5	345,825,207	2	18,603	4	1.20E+17	351
5,726	16,833	4	342,271	3	493,768	3	1.20E+17	5,611
5,727	702	6	5,265	4	347,057,217	2	1.20E+17	351
5,728	12,663	4	455,868	3	493,857	3	1.20E+17	12,663
5,729	2,072	5	287,643,328	2	18,648	4	1.21E+17	2,072
5,730	410,256	3	372,960	3	18,648	4	1.21E+17	18,648
5,731	2,580	5	9,030	4	347,796,900	2	1.21E+17	1,290

FermatCatalan

5,732	18,487	4	160,823	3	494,562	3	1.21E+17	139
5,733	2,332	5	228,405,408	2	18,656	4	1.21E+17	2,332
5,734	15,967	4	383,208	3	494,977	3	1.21E+17	15,967
5,735	18,352	4	201,872	3	495,504	3	1.22E+17	18,352
5,736	198	7	693	6	350,277,939	2	1.23E+17	99
5,737	198	7	480,249	3	350,277,939	2	1.23E+17	99
5,738	5,234	4	349,283,139	2	2,617	5	1.23E+17	2,617
5,739	2,616	5	4,360	4	350,537,024	2	1.23E+17	872
5,740	449,688	3	318,529	3	18,737	4	1.23E+17	18,737
5,741	276	7	110,032	3	351,188,288	2	1.23E+17	92
5,742	2,445	5	189,968,350	2	18,745	4	1.23E+17	815
5,743	497,564	3	103,268	3	18,776	4	1.24E+17	9,388
5,744	627	6	15,884	4	352,724,075	2	1.24E+17	209
5,745	2,624	5	656	5	352,875,520	2	1.25E+17	656
5,746	2,511	5	12,555	4	353,086,776	2	1.25E+17	2,511
5,747	18,382	4	103,438,140	2	2,626	5	1.25E+17	2,626
5,748	13,888	4	444,416	3	499,968	3	1.25E+17	13,888
5,749	17,856	4	285,696	3	499,968	3	1.25E+17	17,856
5,750	63	9	330,812,181	2	500,094	3	1.25E+17	63
5,751	488,313	3	211,554	3	18,837	4	1.26E+17	1,449
5,752	491,582	3	207,977	3	18,907	4	1.28E+17	18,907
5,753	2,478	5	13,629	4	357,683,193	2	1.28E+17	1,239
5,754	2,623	5	7,869	4	357,766,708	2	1.28E+17	2,623
5,755	1,802	5	330,403,007	2	18,921	4	1.28E+17	901
5,756	444,383	3	201,421,425	2	278	7	1.28E+17	139
5,757	502,346	3	115,926	3	278	7	1.28E+17	278
5,758	18,683	4	186,830	3	504,441	3	1.28E+17	18,683
5,759	2,463	5	13,957	4	358,589,812	2	1.29E+17	821
5,760	2,425	5	14,550	4	358,718,125	2	1.29E+17	2,425
5,761	505,680	3	6,321	3	18,963	4	1.29E+17	6,321
5,762	882	5	359,400,888	2	2,646	5	1.30E+17	882
5,763	500,094	3	166,698	3	2,646	5	1.30E+17	2,646
5,764	1,900	5	324,900,000	2	19,000	4	1.30E+17	1,900
5,765	475,000	3	285,000	3	19,000	4	1.30E+17	19,000
5,766	14,915	4	432,535	3	507,110	3	1.30E+17	14,915
5,767	13,250	4	316,012,500	2	2,650	5	1.31E+17	2,650
5,768	437,598	3	361,494	3	19,026	4	1.31E+17	19,026
5,769	17,530	4	333,070	3	508,370	3	1.31E+17	17,530
5,770	72	9	282,175,488	2	6	22	1.32E+17	6
5,771	72	9	282,175,488	2	36	11	1.32E+17	36
5,772	2,592	5	120,932,352	2	6	22	1.32E+17	6
5,773	2,592	5	120,932,352	2	36	11	1.32E+17	36
5,774	373,248	3	282,175,488	2	6	22	1.32E+17	6
5,775	373,248	3	282,175,488	2	36	11	1.32E+17	36
5,776	2,145	5	17,160	4	363,480,975	2	1.32E+17	2,145
5,777	2,312	5	2,312	5	363,483,392	2	1.32E+17	2,312
5,778	10,628	4	345,922,801	2	2,657	5	1.32E+17	2,657
5,779	18,599	4	10,628	4	2,657	5	1.32E+17	2,657
5,780	18,599	4	112,954,384	2	2,657	5	1.32E+17	2,657

FermatCatalan

5,781	2,632	5	79,232,412	2	19,082	4	1.33E+17	658
5,782	448	6	18,816	4	365,281,280	2	1.33E+17	448
5,783	116	7	365,249,664	2	511,328	3	1.34E+17	116
5,784	18,954	4	170,586	3	511,758	3	1.34E+17	18,954
5,785	12,800	4	327,680,000	2	80	9	1.34E+17	80
5,786	15,990	4	262,782,325	2	2,665	5	1.34E+17	2,665
5,787	17,283	4	357,182	3	512,729	3	1.35E+17	5,761
5,788	504,652	3	185,252	3	19,164	4	1.35E+17	6,388
5,789	560	6	470,400	3	280	7	1.35E+17	280
5,790	470,400	3	313,600	3	280	7	1.35E+17	280
5,791	470,400	3	175,616,000	2	280	7	1.35E+17	280
5,792	693	6	12,474	4	367,390,485	2	1.35E+17	693
5,793	80	8	512,000	3	19,200	4	1.36E+17	80
5,794	80	8	512,000	3	368,640,000	2	1.36E+17	80
5,795	80	9	80	8	19,200	4	1.36E+17	80
5,796	80	9	80	8	368,640,000	2	1.36E+17	80
5,797	80	9	6,400	4	19,200	4	1.36E+17	80
5,798	80	9	6,400	4	368,640,000	2	1.36E+17	80
5,799	80	9	40,960,000	2	19,200	4	1.36E+17	80
5,800	6,400	4	512,000	3	19,200	4	1.36E+17	6,400
5,801	207	7	345,919,977	2	514,188	3	1.36E+17	207
5,802	2,022	5	319,923,873	2	19,209	4	1.36E+17	1,011
5,803	2,678	5	1,339	4	371,134,647	2	1.38E+17	1,339
5,804	9,241	4	508,255	3	517,496	3	1.39E+17	9,241
5,805	19,171	4	153,368	3	517,617	3	1.39E+17	19,171
5,806	8,046	4	366,849,324	2	2,682	5	1.39E+17	2,682
5,807	501,904	3	231,648	3	19,304	4	1.39E+17	19,304
5,808	16,982	4	382,095	3	517,951	3	1.39E+17	8,491
5,809	17,280	4	223,948,800	2	720	6	1.39E+17	720
5,810	2,415	5	239,121,225	2	19,320	4	1.39E+17	2,415
5,811	2,576	5	160,917,568	2	19,320	4	1.39E+17	1,288
5,812	18,577	4	278,655	3	520,156	3	1.41E+17	18,577
5,813	34	9	520,200	3	375,274,592	2	1.41E+17	34
5,814	18,830	4	123,013,700	2	2,690	5	1.41E+17	2,690
5,815	2,688	5	5,376	4	375,717,888	2	1.41E+17	2,688
5,816	60	8	376,920,000	2	522,000	3	1.42E+17	60
5,817	281	7	157,922	3	377,196,697	2	1.42E+17	281
5,818	19,340	4	135,380	3	522,180	3	1.42E+17	19,340
5,819	6	21	347,680,512	2	19,440	4	1.43E+17	6
5,820	6	22	105,815,808	2	19,440	4	1.43E+17	6
5,821	36	11	105,815,808	2	19,440	4	1.43E+17	36
5,822	216	7	347,680,512	2	19,440	4	1.43E+17	216
5,823	78	9	330,057	3	377,921,349	2	1.43E+17	39
5,824	11,618	4	499,574	3	522,810	3	1.43E+17	11,618
5,825	1,442	5	370,646,633	2	19,467	4	1.44E+17	721
5,826	2	56	2	56	8	19	1.44E+17	2
5,827	2	56	2	56	524,288	3	1.44E+17	2
5,828	2	56	2	56	2	57	1.44E+17	2
5,829	2	56	4	28	8	19	1.44E+17	2

FermatCatalan

5,830	2	56	4	28	524,288	3	1.44E+17	2
5,831	2	56	4	28	2	57	1.44E+17	2
5,832	2	56	16	14	8	19	1.44E+17	2
5,833	2	56	16	14	524,288	3	1.44E+17	2
5,834	2	56	16	14	2	57	1.44E+17	2
5,835	2	56	128	8	8	19	1.44E+17	2
5,836	2	56	128	8	524,288	3	1.44E+17	2
5,837	2	56	128	8	2	57	1.44E+17	2
5,838	2	56	256	7	8	19	1.44E+17	2
5,839	2	56	256	7	524,288	3	1.44E+17	2
5,840	2	56	256	7	2	57	1.44E+17	2
5,841	2	56	16,384	4	8	19	1.44E+17	2
5,842	2	56	16,384	4	524,288	3	1.44E+17	2
5,843	2	56	16,384	4	2	57	1.44E+17	2
5,844	2	56	268,435,456	2	8	19	1.44E+17	2
5,845	2	56	268,435,456	2	524,288	3	1.44E+17	2
5,846	2	56	268,435,456	2	2	57	1.44E+17	2
5,847	4	28	4	28	8	19	1.44E+17	4
5,848	4	28	4	28	524,288	3	1.44E+17	4
5,849	4	28	4	28	2	57	1.44E+17	2
5,850	4	28	16	14	8	19	1.44E+17	4
5,851	4	28	16	14	524,288	3	1.44E+17	4
5,852	4	28	16	14	2	57	1.44E+17	2
5,853	4	28	128	8	8	19	1.44E+17	4
5,854	4	28	128	8	524,288	3	1.44E+17	4
5,855	4	28	128	8	2	57	1.44E+17	2
5,856	4	28	256	7	8	19	1.44E+17	4
5,857	4	28	256	7	524,288	3	1.44E+17	4
5,858	4	28	256	7	2	57	1.44E+17	2
5,859	4	28	16,384	4	8	19	1.44E+17	4
5,860	4	28	16,384	4	524,288	3	1.44E+17	4
5,861	4	28	16,384	4	2	57	1.44E+17	2
5,862	4	28	268,435,456	2	8	19	1.44E+17	4
5,863	4	28	268,435,456	2	524,288	3	1.44E+17	4
5,864	4	28	268,435,456	2	2	57	1.44E+17	2
5,865	16	14	16	14	8	19	1.44E+17	8
5,866	16	14	16	14	524,288	3	1.44E+17	16
5,867	16	14	16	14	2	57	1.44E+17	2
5,868	16	14	128	8	8	19	1.44E+17	8
5,869	16	14	128	8	524,288	3	1.44E+17	16
5,870	16	14	128	8	2	57	1.44E+17	2
5,871	16	14	256	7	8	19	1.44E+17	8
5,872	16	14	256	7	524,288	3	1.44E+17	16
5,873	16	14	256	7	2	57	1.44E+17	2
5,874	16	14	16,384	4	8	19	1.44E+17	8
5,875	16	14	16,384	4	524,288	3	1.44E+17	16
5,876	16	14	16,384	4	2	57	1.44E+17	2
5,877	16	14	268,435,456	2	8	19	1.44E+17	8
5,878	16	14	268,435,456	2	524,288	3	1.44E+17	16

FermatCatalan

5,879	16	14	268,435,456	2	2	57	1.44E+17	2
5,880	128	8	128	8	8	19	1.44E+17	8
5,881	128	8	128	8	524,288	3	1.44E+17	128
5,882	128	8	128	8	2	57	1.44E+17	2
5,883	128	8	256	7	8	19	1.44E+17	8
5,884	128	8	256	7	524,288	3	1.44E+17	128
5,885	128	8	256	7	2	57	1.44E+17	2
5,886	128	8	16,384	4	8	19	1.44E+17	8
5,887	128	8	16,384	4	524,288	3	1.44E+17	128
5,888	128	8	16,384	4	2	57	1.44E+17	2
5,889	128	8	268,435,456	2	8	19	1.44E+17	8
5,890	128	8	268,435,456	2	524,288	3	1.44E+17	128
5,891	128	8	268,435,456	2	2	57	1.44E+17	2
5,892	256	7	256	7	8	19	1.44E+17	8
5,893	256	7	256	7	524,288	3	1.44E+17	256
5,894	256	7	256	7	2	57	1.44E+17	2
5,895	256	7	16,384	4	8	19	1.44E+17	8
5,896	256	7	16,384	4	524,288	3	1.44E+17	256
5,897	256	7	16,384	4	2	57	1.44E+17	2
5,898	256	7	268,435,456	2	8	19	1.44E+17	8
5,899	256	7	268,435,456	2	524,288	3	1.44E+17	256
5,900	256	7	268,435,456	2	2	57	1.44E+17	2
5,901	16,384	4	16,384	4	8	19	1.44E+17	8
5,902	16,384	4	16,384	4	524,288	3	1.44E+17	16,384
5,903	16,384	4	16,384	4	2	57	1.44E+17	2
5,904	16,384	4	268,435,456	2	8	19	1.44E+17	8
5,905	16,384	4	268,435,456	2	2	57	1.44E+17	2
5,906	458,752	3	218,103,808	2	8	19	1.44E+17	8
5,907	458,752	3	218,103,808	2	2	57	1.44E+17	2
5,908	2,703	5	2,703	4	379,922,868	2	1.44E+17	2,703
5,909	2,600	5	160,550,000	2	19,500	4	1.45E+17	1,300
5,910	2,705	4	380,485,300	2	2,705	5	1.45E+17	2,705
5,911	19,467	4	116,802	3	525,609	3	1.45E+17	19,467
5,912	240,267	3	362,642,992	2	283	7	1.45E+17	283
5,913	660	6	15,840	4	381,585,600	2	1.46E+17	660
5,914	2,660	5	10,640	4	382,082,400	2	1.46E+17	2,660
5,915	1,152	5	380,878,848	2	19,584	4	1.47E+17	1,152
5,916	19,558	4	97,790	3	528,066	3	1.47E+17	19,558
5,917	20	13	16,000	4	384,000,000	2	1.47E+17	20
5,918	470,400	3	208,544,000	2	140	8	1.48E+17	140
5,919	2,360	5	16,520	4	384,302,400	2	1.48E+17	2,360
5,920	68	9	136	8	384,864,768	2	1.48E+17	68
5,921	68	9	18,496	4	384,864,768	2	1.48E+17	68
5,922	136	8	314,432	3	384,864,768	2	1.48E+17	136
5,923	500,565	3	284,635	3	19,630	4	1.48E+17	9,815
5,924	19,619	4	78,476	3	529,713	3	1.49E+17	19,619
5,925	1,881	5	18,810	4	385,659,549	2	1.49E+17	1,881
5,926	5,440	4	384,716,800	2	2,720	5	1.49E+17	2,720
5,927	19,276	4	221,674	3	530,090	3	1.49E+17	9,638

FermatCatalan

5,928	471,744	3	353,808	3	19,656	4	1.49E+17	19,656
5,929	527,904	3	129,168	3	19,656	4	1.49E+17	2,808
5,930	19,656	4	58,968	3	530,712	3	1.49E+17	19,656
5,931	232	7	696	6	387,102,208	2	1.50E+17	232
5,932	232	7	484,416	3	387,102,208	2	1.50E+17	232
5,933	19,675	4	39,350	3	531,225	3	1.50E+17	19,675
5,934	19,682	4	19,682	3	531,414	3	1.50E+17	19,682
5,935	531,468	3	19,684	3	19,684	4	1.50E+17	19,684
5,936	2,724	5	3,632	4	387,498,080	2	1.50E+17	908
5,937	19,075	4	133,661,250	2	2,725	5	1.50E+17	2,725
5,938	531,657	3	39,382	3	19,691	4	1.50E+17	19,691
5,939	17,739	4	372,519	3	532,170	3	1.51E+17	17,739
5,940	55	9	382,496,125	2	532,400	3	1.51E+17	55
5,941	532,170	3	59,130	3	19,710	4	1.51E+17	19,710
5,942	1,743	5	19,173	4	388,870,272	2	1.51E+17	1,743
5,943	493,025	3	315,536	3	19,721	4	1.51E+17	19,721
5,944	35	11	379,750	3	532,875	3	1.51E+17	35
5,945	2,730	5	1,365	4	389,414,025	2	1.52E+17	1,365
5,946	533,169	3	78,988	3	19,747	4	1.52E+17	19,747
5,947	13,347	4	493,839	3	533,880	3	1.52E+17	13,347
5,948	507	6	514,098	3	19,773	4	1.53E+17	507
5,949	514,098	3	257,049	3	19,773	4	1.53E+17	19,773
5,950	527,360	3	184,576	3	19,776	4	1.53E+17	6,592
5,951	1,160	5	19,720	4	391,569,600	2	1.53E+17	1,160
5,952	534,816	3	99,040	3	19,808	4	1.54E+17	19,808
5,953	19,608	4	183,008	3	535,952	3	1.54E+17	6,536
5,954	2,624	5	13,120	4	392,466,432	2	1.54E+17	2,624
5,955	16,254	4	438,858	3	536,382	3	1.54E+17	16,254
5,956	2,673	5	1,782	5	392,971,095	2	1.54E+17	891
5,957	16,440	4	285,288,800	2	2,740	5	1.54E+17	2,740
5,958	63	8	536,452	3	393,228,577	2	1.55E+17	7
5,959	13,705	4	345,601,726	2	2,741	5	1.55E+17	2,741
5,960	2,205	5	320,893,650	2	19,845	4	1.55E+17	2,205
5,961	19,208	4	268,912	3	14	15	1.56E+17	14
5,962	19,208	4	268,912	3	2,744	5	1.56E+17	2,744
5,963	19,208	4	268,912	3	537,824	3	1.56E+17	19,208
5,964	268,912	3	368,947,264	2	14	15	1.56E+17	14
5,965	2,728	5	8,184	4	394,425,152	2	1.56E+17	2,728
5,966	537,856	3	45,840	3	19,864	4	1.56E+17	1,528
5,967	18,557	4	334,026	3	538,153	3	1.56E+17	18,557
5,968	1,596	5	381,641,980	2	19,874	4	1.56E+17	38
5,969	1,828	5	19,194	4	395,142,308	2	1.56E+17	914
5,970	397,620	3	305,551,089	2	141	8	1.56E+17	141
5,971	208	7	519,168	3	395,952,128	2	1.57E+17	208
5,972	537,273	3	119,394	3	19,899	4	1.57E+17	19,899
5,973	437,998	3	418,089	3	19,909	4	1.57E+17	19,909
5,974	245	7	323,534,750	2	735	6	1.58E+17	245
5,975	245	7	323,534,750	2	540,225	3	1.58E+17	245
5,976	15,435	4	317,652,300	2	735	6	1.58E+17	735

FermatCatalan

5,977	2,100	5	342,877,500	2	19,950	4	1.58E+17	1,050
5,978	726	6	111,608,343	2	19,965	4	1.59E+17	363
5,979	15	14	506,250	3	398,671,875	2	1.59E+17	15
5,980	225	7	506,250	3	398,671,875	2	1.59E+17	225
5,981	2,496	5	249,200,640	2	19,968	4	1.59E+17	2,496
5,982	11,024	4	379,776,800	2	2,756	5	1.59E+17	2,756
5,983	13,568	4	353,709,280	2	2,756	5	1.59E+17	212
5,984	264	7	264,411,136	2	542,080	3	1.59E+17	88
5,985	74	7	399,145,640	2	542,124	3	1.59E+17	74
5,986	115	8	358,926,500	2	542,225	3	1.59E+17	115
5,987	270	7	15,390	4	400,877,100	2	1.61E+17	270
5,988	19,334	4	144,944,236	2	2,762	5	1.61E+17	2,762
5,989	540,702	3	140,182	3	20,026	4	1.61E+17	20,026
5,990	14,716	4	485,628	3	544,492	3	1.61E+17	14,716
5,991	279	7	558	6	544,887	3	1.62E+17	279
5,992	279	7	311,364	3	544,887	3	1.62E+17	279
5,993	279	7	173,741,112	2	544,887	3	1.62E+17	279
5,994	14	15	8,918	4	402,359,580	2	1.62E+17	14
5,995	2,744	5	8,918	4	402,359,580	2	1.62E+17	686
5,996	2,548	5	15,288	4	402,522,848	2	1.62E+17	2,548
5,997	2	54	8	19	402,653,184	2	1.62E+17	2
5,998	2	54	524,288	3	402,653,184	2	1.62E+17	2
5,999	2	57	2	54	402,653,184	2	1.62E+17	2
6,000	2	57	4	27	402,653,184	2	1.62E+17	2
6,001	2	57	8	18	402,653,184	2	1.62E+17	2
6,002	2	57	64	9	402,653,184	2	1.62E+17	2
6,003	2	57	512	6	402,653,184	2	1.62E+17	2
6,004	2	57	262,144	3	402,653,184	2	1.62E+17	2
6,005	4	27	8	19	402,653,184	2	1.62E+17	4
6,006	4	27	524,288	3	402,653,184	2	1.62E+17	4
6,007	8	18	524,288	3	402,653,184	2	1.62E+17	8
6,008	8	19	8	18	402,653,184	2	1.62E+17	8
6,009	8	19	64	9	402,653,184	2	1.62E+17	8
6,010	8	19	512	6	402,653,184	2	1.62E+17	8
6,011	8	19	262,144	3	402,653,184	2	1.62E+17	8
6,012	64	9	524,288	3	402,653,184	2	1.62E+17	64
6,013	2,760	5	6,762	4	402,799,644	2	1.62E+17	138
6,014	9,577	4	536,312	3	545,889	3	1.63E+17	9,577
6,015	17,624	4	405,352	3	546,344	3	1.63E+17	17,624
6,016	11	15	541,717	3	403,915,908	2	1.63E+17	11
6,017	1,341	5	399,218,382	2	20,115	4	1.64E+17	1,341
6,018	1,474	5	19,899	4	404,660,905	2	1.64E+17	737
6,019	154	7	545,468	3	405,401,304	2	1.64E+17	154
6,020	2,088	5	18,792	4	405,456,192	2	1.64E+17	2,088
6,021	2,698	5	12,141	4	405,815,623	2	1.65E+17	1,349
6,022	288	7	288	6	406,093,824	2	1.65E+17	288
6,023	288	7	82,944	3	406,093,824	2	1.65E+17	288
6,024	17,143	4	428,575	3	548,576	3	1.65E+17	17,143
6,025	463,841	3	403,340	3	20,167	4	1.65E+17	20,167

FermatCatalan

6,026	545,265	3	161,560	3	20,195	4	1.66E+17	20,195
6,027	19,573	4	270,319	3	550,160	3	1.67E+17	529
6,028	8,355	4	403,323,700	2	2,785	5	1.68E+17	2,785
6,029	20,052	4	76,631,503	2	2,785	5	1.68E+17	557
6,030	540	6	19,440	4	409,406,400	2	1.68E+17	540
6,031	82	8	20,172	4	82	9	1.68E+17	82
6,032	82	8	20,172	4	551,368	3	1.68E+17	82
6,033	82	8	406,909,584	2	82	9	1.68E+17	82
6,034	82	8	406,909,584	2	551,368	3	1.68E+17	82
6,035	6,724	4	406,909,584	2	82	9	1.68E+17	82
6,036	20,172	4	6,724	4	82	9	1.68E+17	82
6,037	20,172	4	6,724	4	551,368	3	1.68E+17	6,724
6,038	20,172	4	45,212,176	2	82	9	1.68E+17	82
6,039	18,201	4	388,288	3	552,097	3	1.68E+17	6,067
6,040	578	6	362,063,535	2	17	14	1.68E+17	17
6,041	578	6	362,063,535	2	289	7	1.68E+17	289
6,042	334,084	3	362,063,535	2	17	14	1.68E+17	17
6,043	334,084	3	362,063,535	2	289	7	1.68E+17	289
6,044	2,583	5	231,229,955	2	2,788	5	1.68E+17	41
6,045	10	17	410,000	3	411,000,000	2	1.69E+17	10
6,046	19,755	4	256,815	3	553,140	3	1.69E+17	19,755
6,047	2,790	5	4,557	4	411,683,751	2	1.69E+17	93
6,048	2,244	5	18,326	4	411,934,820	2	1.70E+17	374
6,049	141	8	238,572	3	412,073,487	2	1.70E+17	141
6,050	1,692	5	395,075,232	2	20,304	4	1.70E+17	1,692
6,051	2,793	5	26,068	3	553,945	3	1.70E+17	931
6,052	528,320	3	284,480	3	20,320	4	1.70E+17	20,320
6,053	2,793	5	5,586	4	413,444,997	2	1.71E+17	2,793
6,054	15,875	4	476,250	3	555,625	3	1.72E+17	15,875
6,055	19,607	4	156,912,020	2	2,801	5	1.72E+17	2,801
6,056	290	6	414,613,000	2	290	7	1.72E+17	290
6,057	84,100	3	414,613,000	2	290	7	1.72E+17	290
6,058	78	9	404,248	3	415,848,160	2	1.73E+17	26
6,059	275	7	378,125	3	415,937,500	2	1.73E+17	275
6,060	204	7	541,008	3	415,993,536	2	1.73E+17	204
6,061	37	9	557,183	3	416,063,742	2	1.73E+17	37
6,062	551,124	3	183,708	3	20,412	4	1.74E+17	20,412
6,063	20,421	4	6,807	3	558,174	3	1.74E+17	6,807
6,064	2,808	5	2,808	4	417,897,792	2	1.75E+17	2,808
6,065	12,152	4	534,688	3	558,992	3	1.75E+17	12,152
6,066	449,878	3	289,496,493	2	143	8	1.75E+17	143
6,067	2,810	4	418,493,300	2	2,810	5	1.75E+17	2,810
6,068	2,592	5	15,552	4	559,872	3	1.75E+17	2,592
6,069	1,071	5	417,253,865	2	20,468	4	1.76E+17	119
6,070	20,125	4	230,000	3	560,625	3	1.76E+17	2,875
6,071	20,274	4	195,982	3	560,914	3	1.76E+17	6,758
6,072	70	9	514,500	3	420,175,000	2	1.77E+17	70
6,073	2,450	5	2,450	5	420,175,000	2	1.77E+17	2,450
6,074	1,359	5	20,385	4	421,088,868	2	1.77E+17	1,359

FermatCatalan

6,075	16,902	4	309,484,071	2	2,817	5	1.77E+17	2,817
6,076	2,769	5	11,076	4	421,704,855	2	1.78E+17	2,769
6,077	37	10	416,063,742	2	37	11	1.78E+17	37
6,078	1,369	5	416,063,742	2	37	11	1.78E+17	37
6,079	513,450	3	349,146	3	20,538	4	1.78E+17	20,538
6,080	2,355	5	18,055	4	422,730,350	2	1.79E+17	785
6,081	6	20	559,872	3	423,263,232	2	1.79E+17	6
6,082	36	10	559,872	3	423,263,232	2	1.79E+17	36
6,083	268	7	430,944	3	423,474,304	2	1.79E+17	268
6,084	2,538	5	16,497	4	423,524,943	2	1.79E+17	1,269
6,085	1,872	5	395,995,392	2	20,592	4	1.80E+17	1,872
6,086	533,808	3	302,544	3	20,592	4	1.80E+17	1,584
6,087	5,650	4	422,973,125	2	2,825	5	1.80E+17	2,825
6,088	212	7	400,925,761	2	564,609	3	1.80E+17	53
6,089	2,575	5	258,594,375	2	20,600	4	1.80E+17	2,575
6,090	19,476	4	331,092	3	564,804	3	1.80E+17	19,476
6,091	48	10	18,432	4	424,673,280	2	1.80E+17	48
6,092	2,304	5	18,432	4	424,673,280	2	1.80E+17	2,304
6,093	20,224	4	242,688	3	566,272	3	1.82E+17	20,224
6,094	2,754	5	12,393	4	426,629,025	2	1.82E+17	1,377
6,095	2,754	5	12,393	4	20,655	4	1.82E+17	1,377
6,096	2,754	5	153,586,449	2	20,655	4	1.82E+17	1,377
6,097	14,170	4	377,483,132	2	2,834	5	1.83E+17	2,834
6,098	496,392	3	392,977	3	20,683	4	1.83E+17	20,683
6,099	558,441	3	206,830	3	20,683	4	1.83E+17	20,683
6,100	250	7	18,750	4	429,687,500	2	1.85E+17	250
6,101	660	6	319,678,975	2	20,735	4	1.85E+17	55
6,102	288	7	143,327,232	2	12	16	1.85E+17	12
6,103	288	7	143,327,232	2	144	8	1.85E+17	144
6,104	288	7	143,327,232	2	20,736	4	1.85E+17	288
6,105	19,000	4	380,000	3	570,000	3	1.85E+17	19,000
6,106	19,894	4	169,616,244	2	2,842	5	1.85E+17	2,842
6,107	20,754	4	72,639	3	570,735	3	1.86E+17	10,377
6,108	756	5	431,938,332	2	20,790	4	1.87E+17	378
6,109	2,079	5	384,679,449	2	20,790	4	1.87E+17	2,079
6,110	2,774	5	151,977,751	2	20,805	4	1.87E+17	1,387
6,111	18,669	4	404,495	3	572,516	3	1.88E+17	6,223
6,112	2,835	5	8,505	4	434,010,150	2	1.88E+17	2,835
6,113	2,739	5	13,695	4	435,123,018	2	1.89E+17	2,739
6,114	432,180	3	330,358,392	2	294	7	1.90E+17	294
6,115	11,428	4	416,284,899	2	2,857	5	1.90E+17	2,857
6,116	574,420	3	93,996	3	20,888	4	1.90E+17	10,444
6,117	9,919	4	565,383	3	575,302	3	1.90E+17	9,919
6,118	66	8	574,992	3	436,418,928	2	1.90E+17	66
6,119	2,850	5	7,125	4	436,584,375	2	1.91E+17	1,425
6,120	18,278	4	429,533	3	575,757	3	1.91E+17	9,139
6,121	2,499	5	17,493	4	437,150,070	2	1.91E+17	2,499
6,122	14,049	4	533,862	3	576,009	3	1.91E+17	14,049
6,123	1,640	5	423,443,900	2	20,910	4	1.91E+17	410

FermatCatalan

6,124	660	6	18,150	4	437,233,500	2	1.91E+17	330
6,125	1,824	5	20,368	4	438,513,920	2	1.92E+17	304
6,126	20,621	4	226,831	3	577,388	3	1.92E+17	20,621
6,127	544,726	3	314,265	3	20,951	4	1.93E+17	20,951
6,128	2,868	5	1,912	4	440,517,152	2	1.94E+17	956
6,129	567,378	3	231,154	3	21,014	4	1.95E+17	21,014
6,130	2,336	5	354,698,240	2	21,024	4	1.95E+17	2,336
6,131	558,355	3	284,445	3	21,070	4	1.97E+17	10,535
6,132	575,968	3	182,624	3	21,072	4	1.97E+17	7,024
6,133	23	12	559,682	3	444,107,667	2	1.97E+17	23
6,134	15	14	20,250	4	444,234,375	2	1.97E+17	15
6,135	225	7	20,250	4	444,234,375	2	1.97E+17	225
6,136	76	7	445,560,640	2	583,376	3	1.99E+17	76
6,137	20,195	4	183,110,950	2	2,885	5	2.00E+17	2,885
6,138	2,884	5	4,326	4	447,063,260	2	2.00E+17	1,442
6,139	142	8	186,113,720	2	584,756	3	2.00E+17	142
6,140	13,770	4	405,560,925	2	765	6	2.00E+17	765
6,141	2,490	5	323,955,225	2	21,165	4	2.01E+17	1,245
6,142	548,720	3	329,232	3	2,888	5	2.01E+17	2,888
6,143	21,177	4	14,118	3	585,897	3	2.01E+17	7,059
6,144	570	6	20,216	4	448,688,344	2	2.01E+17	38
6,145	8,670	4	442,661,300	2	2,890	5	2.02E+17	2,890
6,146	2,604	5	16,926	4	449,229,060	2	2.02E+17	1,302
6,147	20,952	4	209,520	3	586,656	3	2.02E+17	20,952
6,148	2,892	5	1,858,592	2	21,208	4	2.02E+17	964
6,149	2,652	5	267,257,952	2	21,216	4	2.03E+17	2,652
6,150	2,673	5	16,038	4	450,130,527	2	2.03E+17	2,673
6,151	17,376	4	335,472,640	2	2,896	5	2.04E+17	2,896
6,152	20,293	4	324,688	3	588,497	3	2.04E+17	20,293
6,153	166,617	3	446,337,540	2	297	7	2.04E+17	297
6,154	176,418	3	445,367,241	2	297	7	2.04E+17	297
6,155	529,254	3	235,782,657	2	297	7	2.04E+17	297
6,156	2,004	5	20,374	4	452,359,580	2	2.05E+17	334
6,157	967	5	451,647,987	2	21,274	4	2.05E+17	967
6,158	17,352	4	485,856	3	589,968	3	2.05E+17	17,352
6,159	6	22	648	6	453,496,320	2	2.06E+17	6
6,160	6	22	419,904	3	453,496,320	2	2.06E+17	6
6,161	36	11	648	6	453,496,320	2	2.06E+17	36
6,162	36	11	419,904	3	453,496,320	2	2.06E+17	36
6,163	468,512	3	468,512	3	21,296	4	2.06E+17	21,296
6,164	2,900	5	5,800	4	454,140,000	2	2.06E+17	2,900
6,165	968	5	21,296	4	2,904	5	2.07E+17	968
6,166	968	5	453,519,616	2	2,904	5	2.07E+17	968
6,167	2,904	5	968	4	454,456,640	2	2.07E+17	968
6,168	1,599	5	442,894,751	2	21,320	4	2.07E+17	533
6,169	138	7	590,364	3	454,656,456	2	2.07E+17	138
6,170	15,568	4	529,312	3	591,584	3	2.07E+17	15,568
6,171	969	5	21,318	4	455,396,085	2	2.07E+17	969
6,172	379,260	3	391,999,608	2	84	9	2.08E+17	84

FermatCatalan

6,173	19,143	4	421,146	3	593,433	3	2.09E+17	19,143
6,174	18,879	4	434,623	3	593,572	3	2.09E+17	203
6,175	2,904	5	7,260	4	457,501,968	2	2.09E+17	1,452
6,176	21,223	4	191,007	3	594,244	3	2.10E+17	21,223
6,177	2,400	5	19,000	4	458,200,000	2	2.10E+17	200
6,178	578,097	3	256,932	3	21,411	4	2.10E+17	21,411
6,179	2,915	5	2,915	4	458,850,150	2	2.11E+17	2,915
6,180	492,844	3	449,988	3	21,428	4	2.11E+17	21,428
6,181	472,392	3	472,392	3	2,916	5	2.11E+17	2,916
6,182	472,392	3	472,392	3	54	10	2.11E+17	54
6,183	106	8	441,866,936	2	595,508	3	2.11E+17	106
6,184	2,917	4	459,480,006	2	2,917	5	2.11E+17	2,917
6,185	536,425	3	386,226	3	21,457	4	2.12E+17	21,457
6,186	12,698	4	571,410	3	596,806	3	2.13E+17	12,698
6,187	2,788	5	14,637	4	462,975,977	2	2.14E+17	697
6,188	2,928	5	976	4	463,904,512	2	2.15E+17	976
6,189	14,645	4	411,793,968	2	2,929	5	2.16E+17	2,929
6,190	2,880	5	11,520	4	464,486,400	2	2.16E+17	2,880
6,191	84	9	197,568	3	464,679,936	2	2.16E+17	84
6,192	20,510	4	197,452,700	2	2,930	5	2.16E+17	2,930
6,193	2,928	5	976	5	464,857,088	2	2.16E+17	976
6,194	21,440	4	171,520	3	600,320	3	2.16E+17	21,440
6,195	5,864	4	464,217,696	2	2,932	5	2.17E+17	2,932
6,196	152	7	463,558,656	2	600,704	3	2.17E+17	152
6,197	720	6	279,936,000	2	21,600	4	2.18E+17	720
6,198	42	10	21,168	4	466,754,400	2	2.18E+17	42
6,199	1,764	5	21,168	4	466,754,400	2	2.18E+17	1,764
6,200	2,542	5	334,396,287	2	21,607	4	2.18E+17	1,271
6,201	259,308	3	447,889,743	2	147	8	2.18E+17	147
6,202	18,624	4	313,131,520	2	776	6	2.18E+17	776
6,203	2,938	5	4,407	4	468,277,537	2	2.19E+17	1,469
6,204	1,665	5	454,644,900	2	21,645	4	2.19E+17	1,665
6,205	21,196	4	264,950	3	604,086	3	2.20E+17	10,598
6,206	563,472	3	346,752	3	21,672	4	2.21E+17	21,672
6,207	20,141	4	382,679	3	604,230	3	2.21E+17	20,141
6,208	19	13	20,577	4	470,458,810	2	2.21E+17	19
6,209	147	8	151,263	3	605,052	3	2.22E+17	147
6,210	294	7	177,885,288	2	605,052	3	2.22E+17	294
6,211	21,609	4	151,263	3	605,052	3	2.22E+17	21,609
6,212	1,484	5	21,518	4	470,732,220	2	2.22E+17	742
6,213	10,267	4	595,486	3	605,753	3	2.22E+17	10,267
6,214	297	7	264,627	3	471,565,314	2	2.22E+17	297
6,215	18,361	4	477,386	3	605,913	3	2.22E+17	18,361
6,216	18,944	4	454,656	3	606,208	3	2.23E+17	18,944
6,217	21,476	4	216,412	3	606,284	3	2.23E+17	1,652
6,218	1,552	5	462,471,168	2	21,728	4	2.23E+17	1,552
6,219	2,900	5	136,662,500	2	21,750	4	2.24E+17	1,450
6,220	16,865	4	522,815	3	607,140	3	2.24E+17	16,865
6,221	601,916	3	181,300	3	21,756	4	2.24E+17	7,252

FermatCatalan

6,222	240	7	422,297,600	2	21,760	4	2.24E+17	80
6,223	2,665	5	2,460	5	473,831,875	2	2.25E+17	205
6,224	1,448	5	602,368	3	608,160	3	2.25E+17	1,448
6,225	21,021	4	311,311	3	608,608	3	2.25E+17	1,001
6,226	21,736	4	130,416	3	608,608	3	2.25E+17	21,736
6,227	26	8	475,342,920	2	609,076	3	2.26E+17	26
6,228	21,014	4	315,210	3	609,406	3	2.26E+17	21,014
6,229	2,727	5	275,151,573	2	21,816	4	2.27E+17	2,727
6,230	145	8	176,820,250	2	609,725	3	2.27E+17	145
6,231	523,776	3	436,480	3	21,824	4	2.27E+17	21,824
6,232	300	7	91,000,000	2	610,000	3	2.27E+17	100
6,233	11,840	4	455,603,200	2	2,960	5	2.27E+17	2,960
6,234	2,944	5	8,832	4	476,692,480	2	2.27E+17	2,944
6,235	93	8	605,430	3	476,983,701	2	2.28E+17	93
6,236	82	9	245,841,207	2	21,853	4	2.28E+17	41
6,237	2,820	5	223,164,225	2	21,855	4	2.28E+17	705
6,238	21,827	4	109,135	3	611,156	3	2.28E+17	21,827
6,239	750	6	15,000	4	478,125,000	2	2.29E+17	750
6,240	54	10	133,923,132	2	21,870	4	2.29E+17	54
6,241	1,620	5	466,487,100	2	21,870	4	2.29E+17	810
6,242	2,916	5	133,923,132	2	21,870	4	2.29E+17	1,458
6,243	2,964	5	1,976	4	478,310,560	2	2.29E+17	988
6,244	590,760	3	284,440	3	21,880	4	2.29E+17	21,880
6,245	644	6	398,146,560	2	21,896	4	2.30E+17	644
6,246	21,888	4	87,552	3	612,864	3	2.30E+17	21,888
6,247	607,836	3	74,966,440	2	148	8	2.30E+17	148
6,248	21,642	4	223,634	3	613,190	3	2.31E+17	7,214
6,249	21,925	4	65,775	3	613,900	3	2.31E+17	21,925
6,250	2,856	5	14,280	4	481,247,424	2	2.32E+17	2,856
6,251	21,675	4	104,401,250	2	85	9	2.32E+17	85
6,252	21,944	4	43,888	3	614,432	3	2.32E+17	21,944
6,253	21,951	4	21,951	3	614,628	3	2.32E+17	21,951
6,254	614,684	3	21,953	3	21,953	4	2.32E+17	21,953
6,255	19,623	4	438,247	3	614,854	3	2.32E+17	6,541
6,256	614,880	3	43,920	3	21,960	4	2.33E+17	21,960
6,257	615,412	3	65,937	3	21,979	4	2.33E+17	21,979
6,258	80	8	614,400	3	483,328,000	2	2.34E+17	80
6,259	17,862	4	363,363,689	2	2,977	5	2.34E+17	2,977
6,260	20,839	4	212,700,696	2	2,977	5	2.34E+17	2,977
6,261	2,592	5	2,592	5	483,729,408	2	2.34E+17	2,592
6,262	120	8	576,000	3	483,840,000	2	2.34E+17	120
6,263	616,448	3	88,064	3	22,016	4	2.35E+17	22,016
6,264	2,100	5	21,000	4	485,100,000	2	2.35E+17	2,100
6,265	2,275	5	20,475	4	486,508,750	2	2.37E+17	2,275
6,266	618,156	3	110,385	3	22,077	4	2.38E+17	22,077
6,267	2,958	5	10,353	4	487,799,343	2	2.38E+17	1,479
6,268	14,769	4	575,991	3	620,298	3	2.39E+17	14,769
6,269	23	9	622,633	3	491,303,460	2	2.41E+17	23
6,270	620,704	3	133,008	3	22,168	4	2.41E+17	22,168

FermatCatalan

6,271	8,991	4	485,028,486	2	2,997	5	2.42E+17	2,997
6,272	2,465	5	19,720	4	492,174,225	2	2.42E+17	2,465
6,273	2,465	5	19,720	4	22,185	4	2.42E+17	2,465
6,274	2,465	5	388,878,400	2	22,185	4	2.42E+17	2,465
6,275	600,000	3	300,000	3	3,000	5	2.43E+17	3,000
6,276	168	7	620,928	3	493,129,728	2	2.43E+17	168
6,277	22,211	4	95,190	3	625,081	3	2.44E+17	3,173
6,278	742	6	16,695	4	494,544,113	2	2.45E+17	371
6,279	2,883	5	357,492	3	625,611	3	2.45E+17	2,883
6,280	2,640	5	18,480	4	494,841,600	2	2.45E+17	2,640
6,281	22,148	4	65,696,505	2	791	6	2.45E+17	791
6,282	2,208	5	20,976	4	496,058,112	2	2.46E+17	1,104
6,283	624,260	3	156,065	3	22,295	4	2.47E+17	22,295
6,284	3,010	5	387	4	497,068,519	2	2.47E+17	43
6,285	21,645	4	303,030	3	627,705	3	2.47E+17	21,645
6,286	20,167	4	435,031	3	628,058	3	2.48E+17	2,881
6,287	297	7	594	6	497,763,387	2	2.48E+17	297
6,288	297	7	352,836	3	497,763,387	2	2.48E+17	297
6,289	84	9	14,112	4	497,871,360	2	2.48E+17	84
6,290	3,009	5	6,018	4	497,974,455	2	2.48E+17	3,009
6,291	2,742	5	310,558,463	2	22,393	4	2.51E+17	457
6,292	2,800	5	16,800	4	501,760,000	2	2.52E+17	2,800
6,293	2,800	5	16,800	4	22,400	4	2.52E+17	2,800
6,294	2,800	5	282,240,000	2	22,400	4	2.52E+17	2,800
6,295	1,584	5	22,176	4	501,811,200	2	2.52E+17	1,584
6,296	2,574	5	19,305	4	501,879,807	2	2.52E+17	1,287
6,297	1,746	5	485,645,535	2	22,407	4	2.52E+17	291
6,298	17,472	4	542,464	3	632,320	3	2.53E+17	832
6,299	3,024	5	3,024	4	502,951,680	2	2.53E+17	3,024
6,300	605,529	3	313,978	3	22,427	4	2.53E+17	22,427
6,301	13,310	4	471,074,175	2	55	10	2.53E+17	55
6,302	13,310	4	471,074,175	2	3,025	5	2.53E+17	605
6,303	3,026	4	503,617,180	2	3,026	5	2.54E+17	3,026
6,304	15,130	4	448,677,124	2	3,026	5	2.54E+17	3,026
6,305	21,182	4	15,130	4	3,026	5	2.54E+17	3,026
6,306	21,182	4	228,916,900	2	3,026	5	2.54E+17	3,026
6,307	22,143	4	237,886	3	633,193	3	2.54E+17	121
6,308	628,992	3	179,712	3	22,464	4	2.55E+17	22,464
6,309	562,100	3	427,196	3	22,484	4	2.56E+17	22,484
6,310	584,714	3	382,313	3	22,489	4	2.56E+17	22,489
6,311	44	10	478,393,344	2	635,008	3	2.56E+17	44
6,312	21,168	4	381,024	3	635,040	3	2.56E+17	21,168
6,313	397,535	3	441,025,329	2	86	9	2.57E+17	43
6,314	13,256	4	609,776	3	636,288	3	2.58E+17	13,256
6,315	20,530	4	431,130	3	636,430	3	2.58E+17	20,530
6,316	20,109	4	455,804	3	636,785	3	2.58E+17	6,703
6,317	1,519	5	500,697,337	2	3,038	5	2.59E+17	1,519
6,318	10,621	4	626,639	3	637,260	3	2.59E+17	10,621
6,319	2,256	5	447,879,168	2	22,560	4	2.59E+17	2,256

FermatCatalan

6,320	19,622	4	480,739	3	637,715	3	2.59E+17	9,811
6,321	6,082	4	508,622,455	2	3,041	5	2.60E+17	3,041
6,322	2,993	5	11,972	4	510,608,793	2	2.61E+17	2,993
6,323	3,014	5	10,549	4	510,986,025	2	2.61E+17	1,507
6,324	3,014	5	10,549	4	22,605	4	2.61E+17	1,507
6,325	3,014	5	111,281,401	2	22,605	4	2.61E+17	1,507
6,326	1,715	5	22,295	4	511,773,150	2	2.62E+17	1,715
6,327	675	6	20,250	4	512,578,125	2	2.63E+17	675
6,328	22,344	4	238,336	3	640,528	3	2.63E+17	7,448
6,329	16,444	4	575,540	3	641,316	3	2.64E+17	16,444
6,330	635,068	3	204,129	3	22,681	4	2.65E+17	22,681
6,331	3,026	5	107,590,943	2	22,695	4	2.65E+17	1,513
6,332	2,961	5	194,833,800	2	22,701	4	2.66E+17	987
6,333	2,000	5	22,000	4	516,000,000	2	2.66E+17	2,000
6,334	22,192	4	288,496	3	643,568	3	2.67E+17	22,192
6,335	242	7	467,692,104	2	644,204	3	2.67E+17	242
6,336	2,662	5	2,662	5	644,204	3	2.67E+17	2,662
6,337	22,743	4	30,324	3	644,385	3	2.68E+17	7,581
6,338	625,625	3	284,375	3	22,750	4	2.68E+17	11,375
6,339	2,868	5	16,491	4	517,687,623	2	2.68E+17	717
6,340	18,360	4	393,271,200	2	3,060	5	2.68E+17	3,060
6,341	22,680	4	60,847,200	2	3,060	5	2.68E+17	180
6,342	24	11	516,685,824	2	645,120	3	2.68E+17	24
6,343	2,898	5	15,939	4	518,601,447	2	2.69E+17	1,449
6,344	636,540	3	222,789	3	309	7	2.69E+17	309
6,345	516,460	3	508,865	3	22,785	4	2.70E+17	7,595
6,346	2,665	5	19,188	4	519,598,781	2	2.70E+17	533
6,347	12,260	4	497,893,925	2	3,065	5	2.70E+17	3,065
6,348	18,486	4	536,094	3	647,010	3	2.71E+17	18,486
6,349	585	6	480,483,900	2	22,815	4	2.71E+17	585
6,350	524,745	3	501,930	3	22,815	4	2.71E+17	22,815
6,351	118	8	616,137	3	521,046,523	2	2.71E+17	59
6,352	3,055	5	9,165	4	522,649,400	2	2.73E+17	3,055
6,353	380	6	22,800	4	522,728,000	2	2.73E+17	380
6,354	533,750	3	495,625	3	22,875	4	2.74E+17	7,625
6,355	10	15	650,000	3	525,000,000	2	2.76E+17	10
6,356	21,539	4	246,166,154	2	3,077	5	2.76E+17	3,077
6,357	642,656	3	229,520	3	22,952	4	2.78E+17	22,952
6,358	543,505	3	489,920	3	22,965	4	2.78E+17	7,655
6,359	2,871	5	288,492,435	2	22,968	4	2.78E+17	2,871
6,360	780	6	15,210	4	527,939,100	2	2.79E+17	390
6,361	2,975	5	14,875	4	531,037,500	2	2.82E+17	2,975
6,362	132	8	574,992	3	531,292,608	2	2.82E+17	132
6,363	622,566	3	345,870	3	23,058	4	2.83E+17	23,058
6,364	572	6	22,308	4	531,674,000	2	2.83E+17	572
6,365	2,097	5	492,509,808	2	23,067	4	2.83E+17	2,097
6,366	23,058	4	103,761	3	657,153	3	2.84E+17	11,529
6,367	22,661	4	271,932	3	657,169	3	2.84E+17	22,661
6,368	554,040	3	484,785	3	23,085	4	2.84E+17	23,085

FermatCatalan

6,369	76	9	2,888	5	658,464	3	2.85E+17	76
6,370	2,888	5	438,976	3	658,464	3	2.85E+17	2,888
6,371	13,872	4	628,864	3	23,120	4	2.86E+17	4,624
6,372	287	7	354,598,545	2	658,952	3	2.86E+17	287
6,373	20,601	4	473,823	3	659,232	3	2.86E+17	20,601
6,374	2,650	5	19,875	4	535,465,625	2	2.87E+17	1,325
6,375	812	5	535,222,492	2	23,142	4	2.87E+17	406
6,376	307	7	173,606,658	2	659,743	3	2.87E+17	307
6,377	2	57	2	57	4	29	2.88E+17	2
6,378	2	57	2	57	536,870,912	2	2.88E+17	2
6,379	2	57	2	57	2	58	2.88E+17	2
6,380	2	57	8	19	4	29	2.88E+17	2
6,381	2	57	8	19	536,870,912	2	2.88E+17	2
6,382	2	57	8	19	2	58	2.88E+17	2
6,383	2	57	524,288	3	4	29	2.88E+17	2
6,384	2	57	524,288	3	536,870,912	2	2.88E+17	2
6,385	2	57	524,288	3	2	58	2.88E+17	2
6,386	8	19	8	19	4	29	2.88E+17	4
6,387	8	19	8	19	536,870,912	2	2.88E+17	8
6,388	8	19	8	19	2	58	2.88E+17	2
6,389	8	19	524,288	3	4	29	2.88E+17	4
6,390	8	19	524,288	3	536,870,912	2	2.88E+17	8
6,391	8	19	524,288	3	2	58	2.88E+17	2
6,392	524,288	3	524,288	3	4	29	2.88E+17	4
6,393	524,288	3	524,288	3	2	58	2.88E+17	2
6,394	9,318	4	530,597,980	2	3,106	5	2.89E+17	3,106
6,395	660,972	3	81,172	3	23,192	4	2.89E+17	11,596
6,396	657,220	3	177,836	3	23,196	4	2.90E+17	7,732
6,397	17,885	4	572,320	3	661,745	3	2.90E+17	17,885
6,398	546	6	513,281,223	2	23,205	4	2.90E+17	273
6,399	3,108	5	1,554	4	538,526,268	2	2.90E+17	1,554
6,400	3,108	5	4,144	4	538,794,592	2	2.90E+17	1,036
6,401	3,096	5	79,078,032	2	23,220	4	2.91E+17	1,548
6,402	22,087	4	375,479	3	662,610	3	2.91E+17	22,087
6,403	2,480	5	21,080	4	539,697,600	2	2.91E+17	1,240
6,404	1,680	5	22,960	4	539,705,600	2	2.91E+17	560
6,405	565,385	3	480,190	3	23,235	4	2.91E+17	7,745
6,406	1,292	5	537,503,008	2	23,256	4	2.93E+17	1,292
6,407	3,104	5	74,669,824	2	23,280	4	2.94E+17	1,552
6,408	651,924	3	256,113	3	23,283	4	2.94E+17	23,283
6,409	20,658	4	334,956,011	2	313	7	2.94E+17	313
6,410	2,592	5	423,263,232	2	23,328	4	2.96E+17	2,592
6,411	15,507	4	620,280	3	666,801	3	2.96E+17	15,507
6,412	810	6	10,935	4	544,727,025	2	2.97E+17	405
6,413	3,033	5	14,154	4	544,790,493	2	2.97E+17	1,011
6,414	19,621	4	529,767	3	667,114	3	2.97E+17	19,621
6,415	3,120	5	6,240	4	545,126,400	2	2.97E+17	3,120
6,416	2,960	5	16,280	4	545,409,600	2	2.97E+17	1,480
6,417	781	6	2,343	5	3,124	5	2.98E+17	781

FermatCatalan

6,418	2,343	5	609,961	3	3,124	5	2.98E+17	781
6,419	2,343	5	476,379,541	2	3,124	5	2.98E+17	781
6,420	2,310	5	21,945	4	545,616,225	2	2.98E+17	1,155
6,421	5	24	488,281,250	2	3,125	5	2.98E+17	5
6,422	5	24	488,281,250	2	5	25	2.98E+17	5
6,423	25	12	488,281,250	2	3,125	5	2.98E+17	25
6,424	25	12	488,281,250	2	5	25	2.98E+17	5
6,425	125	8	488,281,250	2	3,125	5	2.98E+17	125
6,426	125	8	488,281,250	2	5	25	2.98E+17	5
6,427	625	6	488,281,250	2	3,125	5	2.98E+17	625
6,428	625	6	488,281,250	2	5	25	2.98E+17	5
6,429	15,625	4	488,281,250	2	3,125	5	2.98E+17	3,125
6,430	15,625	4	488,281,250	2	5	25	2.98E+17	5
6,431	390,625	3	488,281,250	2	5	25	2.98E+17	5
6,432	19,652	4	19,652	4	668,168	3	2.98E+17	19,652
6,433	89	8	665,364	3	546,350,975	2	2.98E+17	89
6,434	23,058	4	253,638	3	668,682	3	2.99E+17	23,058
6,435	608,608	3	421,344	3	23,408	4	3.00E+17	23,408
6,436	397,953	3	487,094,472	2	153	8	3.00E+17	153
6,437	21,910	4	264,516,300	2	3,130	5	3.00E+17	3,130
6,438	10,981	4	658,860	3	669,841	3	3.01E+17	10,981
6,439	577,570	3	476,105	3	23,415	4	3.01E+17	7,805
6,440	20,312	4	507,800	3	670,296	3	3.01E+17	20,312
6,441	3,135	5	3,135	4	550,380,600	2	3.03E+17	3,135
6,442	1,300	5	23,400	4	550,940,000	2	3.04E+17	1,300
6,443	3,137	4	551,083,064	2	3,137	5	3.04E+17	3,137
6,444	820	6	3,690	4	551,536,100	2	3.04E+17	410
6,445	3,128	5	8,602	4	552,206,172	2	3.05E+17	782
6,446	56	9	548,273,152	2	23,520	4	3.06E+17	56
6,447	2,940	5	293,882,400	2	23,520	4	3.06E+17	2,940
6,448	273	7	578,487	3	674,310	3	3.07E+17	273
6,449	82	9	373,000,452	2	23,534	4	3.07E+17	82
6,450	18,870	4	425,314,075	2	3,145	5	3.08E+17	3,145
6,451	2,738	5	2,738	5	554,751,656	2	3.08E+17	2,738
6,452	23,553	4	39,255	3	675,186	3	3.08E+17	7,851
6,453	1,680	5	23,296	4	554,896,384	2	3.08E+17	112
6,454	17	13	668,168	3	555,164,087	2	3.08E+17	17
6,455	21,791	4	435,820	3	675,521	3	3.08E+17	21,791
6,456	3,146	5	42,063,593	2	23,595	4	3.10E+17	1,573
6,457	2,052	5	523,179,972	2	23,598	4	3.10E+17	1,026
6,458	810	6	1,944	5	556,950,168	2	3.10E+17	162
6,459	1,967	5	530,065,193	2	23,604	4	3.10E+17	1,967
6,460	13,826	4	649,822	3	677,474	3	3.11E+17	13,826
6,461	2,929	5	17,574	4	557,637,665	2	3.11E+17	2,929
6,462	2,783	5	19,481	4	557,646,408	2	3.11E+17	2,783
6,463	6,304	4	556,365,824	2	3,152	5	3.11E+17	3,152
6,464	420	6	23,520	4	558,129,600	2	3.12E+17	420
6,465	3,150	5	37,209,375	2	23,625	4	3.12E+17	1,575
6,466	590,625	3	472,500	3	23,625	4	3.12E+17	23,625

FermatCatalan

6,467	23,389	4	233,890	3	678,281	3	3.12E+17	23,389
6,468	3,108	5	12,432	4	560,260,512	2	3.14E+17	3,108
6,469	2,520	5	21,465	4	560,279,025	2	3.14E+17	45
6,470	282	7	556,668	3	560,644,200	2	3.14E+17	282
6,471	663,040	3	284,160	3	23,680	4	3.14E+17	23,680
6,472	174,748	3	556,147,992	2	316	7	3.15E+17	316
6,473	299,568	3	536,426,432	2	316	7	3.15E+17	316
6,474	599,136	3	315,544,960	2	316	7	3.15E+17	316
6,475	84	9	326,996,992	2	680,512	3	3.15E+17	28
6,476	664,048	3	153,395,088	2	154	8	3.16E+17	154
6,477	2,895	5	18,335	4	562,459,900	2	3.16E+17	965
6,478	3,164	5	1,582	4	563,112,900	2	3.17E+17	1,582
6,479	3,164	5	1,582	4	23,730	4	3.17E+17	1,582
6,480	3,164	5	2,502,724	2	23,730	4	3.17E+17	1,582
6,481	272	7	591,872	3	563,462,144	2	3.17E+17	272
6,482	21,099	4	492,310	3	682,201	3	3.17E+17	7,033
6,483	19	13	651,605	3	564,550,572	2	3.19E+17	19
6,484	642,033	3	380,464	3	23,779	4	3.20E+17	23,779
6,485	768	6	18,432	4	566,231,040	2	3.21E+17	768
6,486	2,628	5	21,024	4	566,323,488	2	3.21E+17	2,628
6,487	23,212	4	313,362	3	684,754	3	3.21E+17	11,606
6,488	12,688	4	543,325,536	2	3,172	5	3.21E+17	3,172
6,489	1,058	5	566,398,184	2	3,174	5	3.22E+17	1,058
6,490	11,648	4	672,256	3	685,568	3	3.22E+17	1,664
6,491	316	7	199,712	3	567,980,928	2	3.23E+17	316
6,492	23,660	4	212,940	3	686,140	3	3.23E+17	23,660
6,493	604,580	3	469,345	3	23,865	4	3.24E+17	7,955
6,494	22,904	4	366,464	3	687,120	3	3.24E+17	22,904
6,495	612	6	22,848	4	570,139,200	2	3.25E+17	204
6,496	143	8	531,674	3	570,220,365	2	3.25E+17	143
6,497	3,168	5	9,504	4	572,064,768	2	3.27E+17	3,168
6,498	88	8	569,029,120	2	689,216	3	3.27E+17	88
6,499	22,295	4	284,038,300	2	3,185	5	3.28E+17	3,185
6,500	24	12	663,552	3	573,308,928	2	3.29E+17	24
6,501	288	7	288	7	573,308,928	2	3.29E+17	288
6,502	686,624	3	175,648	3	23,952	4	3.29E+17	7,984
6,503	3,185	5	133,770	3	691,145	3	3.30E+17	3,185
6,504	23,877	4	191,016	3	692,433	3	3.32E+17	23,877
6,505	165	7	573,661,000	2	692,725	3	3.32E+17	55
6,506	2,464	5	22,176	4	576,773,120	2	3.33E+17	2,464
6,507	576,600	3	376,111,375	2	155	8	3.33E+17	155
6,508	88	9	255,552	3	577,206,784	2	3.33E+17	88
6,509	17,344	4	624,384	3	693,760	3	3.34E+17	17,344
6,510	3,007	5	298,387,617	2	24,056	4	3.35E+17	3,007
6,511	38	8	580,655,504	2	696,008	3	3.37E+17	38
6,512	2,040	5	23,460	4	581,583,600	2	3.38E+17	1,020
6,513	2,568	5	21,828	4	581,975,568	2	3.39E+17	1,284
6,514	24,046	4	168,322	3	697,334	3	3.39E+17	24,046
6,515	619,465	3	466,610	3	24,135	4	3.39E+17	8,045

FermatCatalan

6,516	23,784	4	269,552	3	697,664	3	3.40E+17	7,928
6,517	676,172	3	313,937	3	24,149	4	3.40E+17	24,149
6,518	3	33	24,057	4	583,522,218	2	3.40E+17	3
6,519	27	11	24,057	4	583,522,218	2	3.40E+17	27
6,520	1,666	5	572,458,425	2	24,157	4	3.41E+17	833
6,521	316	7	299,568	3	698,992	3	3.42E+17	316
6,522	3,096	5	15,480	4	584,698,176	2	3.42E+17	3,096
6,523	10	17	3,000	5	700,000	3	3.43E+17	10
6,524	640	6	524,288,000	2	320	7	3.44E+17	320
6,525	10,240	4	576,716,800	2	320	7	3.44E+17	320
6,526	409,600	3	524,288,000	2	320	7	3.44E+17	320
6,527	296	7	525,696	3	700,928	3	3.44E+17	296
6,528	24,173	4	145,038	3	701,017	3	3.44E+17	24,173
6,529	9,651	4	579,548,984	2	3,217	5	3.45E+17	3,217
6,530	3,216	5	83,616	3	701,088	3	3.45E+17	3,216
6,531	3,216	5	5,360	4	587,233,024	2	3.45E+17	1,072
6,532	56	10	351,232	3	702,464	3	3.47E+17	56
6,533	3,136	5	351,232	3	702,464	3	3.47E+17	3,136
6,534	68	7	702,848	3	589,245,568	2	3.47E+17	68
6,535	11,347	4	692,167	3	703,514	3	3.48E+17	11,347
6,536	24,264	4	121,320	3	703,656	3	3.48E+17	24,264
6,537	21,014	4	535,857	3	703,969	3	3.49E+17	10,507
6,538	2,431	5	514,149,207	2	24,310	4	3.49E+17	2,431
6,539	1,057	5	589,907,472	2	24,311	4	3.49E+17	1,057
6,540	16,130	4	530,760,876	2	3,226	5	3.49E+17	3,226
6,541	559,682	3	559,682	3	24,334	4	3.51E+17	24,334
6,542	24,325	4	97,300	3	705,425	3	3.51E+17	24,325
6,543	515,205	3	463,066,254	2	321	7	3.51E+17	321
6,544	21,603	4	511,271	3	705,698	3	3.51E+17	7,201
6,545	840	6	28,929,600	2	24,360	4	3.52E+17	840
6,546	24,362	4	73,086	3	706,498	3	3.53E+17	24,362
6,547	19,392	4	459,616,256	2	3,232	5	3.53E+17	3,232
6,548	750	6	418,359,375	2	24,375	4	3.53E+17	375
6,549	1,059	5	24,357	4	594,384,930	2	3.53E+17	1,059
6,550	24,381	4	48,762	3	707,049	3	3.53E+17	24,381
6,551	24,388	4	24,388	3	707,252	3	3.54E+17	24,388
6,552	707,310	3	24,390	3	24,390	4	3.54E+17	24,390
6,553	707,513	3	48,794	3	24,397	4	3.54E+17	24,397
6,554	19,656	4	589,680	3	707,616	3	3.54E+17	19,656
6,555	22,120	4	486,640	3	707,840	3	3.55E+17	22,120
6,556	318	7	160,787,160	2	707,868	3	3.55E+17	318
6,557	3,233	5	6,466	4	595,780,473	2	3.55E+17	3,233
6,558	708,064	3	73,248	3	24,416	4	3.55E+17	24,416
6,559	3,160	5	14,220	4	596,639,600	2	3.56E+17	1,580
6,560	23,625	4	354,375	3	708,750	3	3.56E+17	23,625
6,561	1,527	5	589,927,437	2	24,432	4	3.56E+17	1,527
6,562	635,310	3	464,265	3	24,435	4	3.56E+17	24,435
6,563	2,717	5	457,689,518	2	24,453	4	3.58E+17	2,717
6,564	709,137	3	97,812	3	24,453	4	3.58E+17	24,453

FermatCatalan

6,565	2,321	5	23,210	4	597,961,551	2	3.58E+17	2,321
6,566	22,694	4	304,806,356	2	3,242	5	3.58E+17	3,242
6,567	587,328	3	538,384	3	24,472	4	3.59E+17	24,472
6,568	22,932	4	435,708	3	710,892	3	3.59E+17	22,932
6,569	710,906	3	122,570	3	24,514	4	3.61E+17	24,514
6,570	3,248	5	3,248	4	601,321,728	2	3.62E+17	3,248
6,571	409,374	3	541,689,525	2	57	10	3.62E+17	57
6,572	651,605	3	292,179,682	2	57	10	3.62E+17	19
6,573	3,250	4	602,062,500	2	3,250	5	3.63E+17	3,250
6,574	21,970	4	362,010,675	2	845	6	3.64E+17	845
6,575	2	57	469,762,048	2	24,576	4	3.65E+17	2
6,576	8	19	469,762,048	2	24,576	4	3.65E+17	8
6,577	3,072	5	301,989,888	2	24,576	4	3.65E+17	3,072
6,578	3,234	5	1,617	5	603,993,159	2	3.65E+17	1,617
6,579	2,892	5	403,546,788	2	24,582	4	3.65E+17	1,446
6,580	664,092	3	418,132	3	24,596	4	3.66E+17	24,596
6,581	16,263	4	666,783	3	715,572	3	3.66E+17	16,263
6,582	713,545	3	147,630	3	24,605	4	3.67E+17	24,605
6,583	323	7	323	6	606,568,806	2	3.68E+17	323
6,584	323	7	104,329	3	606,568,806	2	3.68E+17	323
6,585	2,865	5	418,947,804	2	24,639	4	3.69E+17	573
6,586	703,095	3	283,705	3	24,670	4	3.70E+17	12,335
6,587	6,530	4	607,632,825	2	3,265	5	3.71E+17	3,265
6,588	24,161	4	173,974,872	2	3,265	5	3.71E+17	653
6,589	588	6	691,488	3	24,696	4	3.72E+17	588
6,590	691,488	3	345,744	3	24,696	4	3.72E+17	24,696
6,591	18,935	4	624,855	3	719,530	3	3.73E+17	18,935
6,592	3,000	5	19,000	4	611,000,000	2	3.73E+17	1,000
6,593	14,408	4	691,584	3	720,400	3	3.74E+17	14,408
6,594	717,228	3	173,124	3	24,732	4	3.74E+17	24,732
6,595	153	8	421,362	3	612,449,667	2	3.75E+17	153
6,596	652,145	3	462,280	3	24,765	4	3.76E+17	8,255
6,597	3,225	5	12,900	4	613,636,875	2	3.77E+17	3,225
6,598	17,000	4	541,875,000	2	850	6	3.77E+17	850
6,599	13,124	4	592,072,855	2	3,281	5	3.80E+17	3,281
6,600	1,698	5	24,621	4	617,726,457	2	3.82E+17	849
6,601	3,060	5	18,360	4	617,997,600	2	3.82E+17	3,060
6,602	1,545	5	24,720	4	618,239,475	2	3.82E+17	1,545
6,603	325	6	617,906,250	2	325	7	3.83E+17	325
6,604	105,625	3	617,906,250	2	325	7	3.83E+17	325
6,605	622,150	3	522,606	3	24,886	4	3.84E+17	24,886
6,606	722,129	3	199,208	3	24,901	4	3.84E+17	24,901
6,607	24,522	4	286,090	3	727,486	3	3.85E+17	8,174
6,608	24,256	4	339,584	3	727,680	3	3.85E+17	24,256
6,609	2,168	5	24,119	4	621,531,183	2	3.86E+17	271
6,610	4,860	4	621,982,800	2	90	9	3.87E+17	90
6,611	24,300	4	196,830,000	2	90	9	3.87E+17	90
6,612	437,400	3	551,124,000	2	90	9	3.87E+17	90
6,613	22,113	4	530,712	3	729,729	3	3.89E+17	22,113

FermatCatalan

6,614	90	9	40,550,625	2	24,975	4	3.89E+17	45
6,615	2,940	5	412,731,900	2	24,990	4	3.90E+17	1,470
6,616	3,220	5	14,490	4	624,696,100	2	3.90E+17	1,610
6,617	3,283	5	9,849	4	625,129,162	2	3.91E+17	3,283
6,618	2,632	5	514,361,232	2	25,004	4	3.91E+17	1,316
6,619	2,928	5	20,496	4	625,842,432	2	3.92E+17	2,928
6,620	23,107	4	326,898,030	2	3,301	5	3.92E+17	3,301
6,621	2,176	5	585,953,280	2	25,024	4	3.92E+17	1,088
6,622	20,923	4	585,844	3	732,305	3	3.93E+17	20,923
6,623	3,296	5	8,240	4	627,373,824	2	3.94E+17	1,648
6,624	3,135	5	304,674,975	2	25,080	4	3.96E+17	3,135
6,625	271	7	813	6	734,410	3	3.96E+17	271
6,626	271	7	660,969	3	734,410	3	3.96E+17	271
6,627	271	7	537,367,797	2	734,410	3	3.96E+17	271
6,628	728,422	3	226,062	3	25,118	4	3.98E+17	25,118
6,629	670,000	3	460,625	3	25,125	4	3.98E+17	8,375
6,630	14	15	624,260	3	631,539,832	2	3.99E+17	14
6,631	3,021	5	387,366,718	2	25,175	4	4.02E+17	1,007
6,632	2,888	5	2,888	5	633,881,344	2	4.02E+17	2,888
6,633	52	8	738,192	3	634,282,688	2	4.02E+17	52
6,634	11,719	4	726,578	3	738,297	3	4.02E+17	11,719
6,635	21,728	4	564,928	3	738,752	3	4.03E+17	21,728
6,636	19,926	4	496,306,845	2	3,321	5	4.04E+17	3,321
6,637	20,172	4	620,289	3	25,215	4	4.04E+17	5,043
6,638	25,227	4	58,863	3	739,992	3	4.05E+17	8,409
6,639	270	7	548,326,125	2	740,025	3	4.05E+17	45
6,640	14,432	4	604,191,744	2	328	7	4.08E+17	328
6,641	16,645	4	576,276,532	2	3,329	5	4.09E+17	3,329
6,642	90	9	12,150	4	639,697,500	2	4.09E+17	90
6,643	9,990	4	632,067,300	2	3,330	5	4.09E+17	3,330
6,644	23,959	4	431,262	3	742,729	3	4.10E+17	23,959
6,645	3,330	5	4,995	4	640,383,975	2	4.10E+17	1,665
6,646	858	6	10,296	4	640,462,680	2	4.10E+17	858
6,647	291	7	483,716,690	2	743,311	3	4.11E+17	97
6,648	709,156	3	379,905	3	25,327	4	4.11E+17	25,327
6,649	3,140	5	18,055	4	641,490,225	2	4.12E+17	785
6,650	24,803	4	322,439	3	744,090	3	4.12E+17	24,803
6,651	197	7	737,371	3	642,211,332	2	4.12E+17	197
6,652	159	8	63,123,848	2	744,385	3	4.12E+17	53
6,653	3,219	5	16,095	4	642,441,582	2	4.13E+17	3,219
6,654	2,065	5	24,780	4	643,897,975	2	4.15E+17	2,065
6,655	63	9	25,137	4	644,121,072	2	4.15E+17	63
6,656	736,281	3	253,890	3	25,389	4	4.16E+17	25,389
6,657	288	7	501,645,312	2	746,496	3	4.16E+17	288
6,658	288	7	501,645,312	2	864	6	4.16E+17	288
6,659	18	13	734,832	3	646,232,256	2	4.18E+17	18
6,660	2,928	5	21,228	4	646,739,568	2	4.18E+17	732
6,661	2,793	5	22,344	4	647,470,467	2	4.19E+17	2,793
6,662	327	7	139,863,132	2	748,503	3	4.19E+17	327

FermatCatalan

6,663	19,200	4	532,480,000	2	40	11	4.19E+17	40
6,664	18,268	4	675,916	3	748,988	3	4.20E+17	18,268
6,665	174	7	646,015,832	2	750,172	3	4.22E+17	58
6,666	3,348	5	6,696	4	650,128,032	2	4.23E+17	3,348
6,667	119	7	750,533	3	650,471,374	2	4.23E+17	119
6,668	567	6	624,974,616	2	25,515	4	4.24E+17	567
6,669	688,905	3	459,270	3	25,515	4	4.24E+17	25,515
6,670	2,320	5	597,446,400	2	25,520	4	4.24E+17	2,320
6,671	749,056	3	170,240	3	25,536	4	4.25E+17	8,512
6,672	23,507	4	493,647	3	752,224	3	4.26E+17	23,507
6,673	25,506	4	140,283	3	752,427	3	4.26E+17	12,753
6,674	2,840	5	492,001,600	2	25,560	4	4.27E+17	2,840
6,675	3,196	5	306,432,480	2	25,568	4	4.27E+17	3,196
6,676	664,976	3	511,520	3	25,576	4	4.28E+17	25,576
6,677	868	6	4,557	4	654,301,655	2	4.28E+17	217
6,678	2	45	753,664	3	654,311,424	2	4.28E+17	2
6,679	8	15	753,664	3	654,311,424	2	4.28E+17	8
6,680	32	9	753,664	3	654,311,424	2	4.28E+17	32
6,681	38	9	654,293,728	2	753,768	3	4.28E+17	38
6,682	425	6	25,500	4	654,765,625	2	4.29E+17	425
6,683	22,629	4	550,639	3	754,300	3	4.29E+17	7,543
6,684	3,354	5	8,385	4	655,272,657	2	4.29E+17	1,677
6,685	23,534	4	350,394,364	2	3,362	5	4.30E+17	3,362
6,686	3,363	5	3,363	4	655,966,602	2	4.30E+17	3,363
6,687	3,365	4	656,747,050	2	3,365	5	4.31E+17	3,365
6,688	10,440	4	649,420,200	2	870	6	4.34E+17	870
6,689	870	5	658,313,775	2	25,665	4	4.34E+17	435
6,690	757,796	3	64,220	3	25,688	4	4.35E+17	12,844
6,691	25,272	4	303,264	3	758,160	3	4.36E+17	25,272
6,692	2,706	5	540,029,655	2	25,707	4	4.37E+17	1,353
6,693	745,880	3	282,920	3	25,720	4	4.38E+17	25,720
6,694	63	9	750,141	3	661,624,362	2	4.38E+17	63
6,695	3,080	5	20,020	4	661,676,400	2	4.38E+17	1,540
6,696	735	6	529,420,500	2	25,725	4	4.38E+17	735
6,697	316	7	499,280	3	662,644,416	2	4.39E+17	316
6,698	2,259	5	24,849	4	663,400,530	2	4.40E+17	2,259
6,699	6,760	4	662,615,200	2	3,380	5	4.41E+17	3,380
6,700	3,300	5	2,200	5	665,500,000	2	4.43E+17	1,100
6,701	2,180	5	25,070	4	666,524,100	2	4.44E+17	1,090
6,702	220,448	3	658,698,624	2	332	7	4.45E+17	332
6,703	3,388	5	5,082	4	668,625,188	2	4.47E+17	1,694
6,704	15,002	4	735,098	3	765,102	3	4.48E+17	15,002
6,705	13,568	4	644,317,184	2	3,392	5	4.49E+17	3,392
6,706	1,992	5	646,794,432	2	25,896	4	4.50E+17	1,992
6,707	3,344	5	13,376	4	670,940,160	2	4.50E+17	3,344
6,708	17,037	4	715,554	3	766,665	3	4.51E+17	17,037
6,709	864	6	188,116,992	2	25,920	4	4.51E+17	864
6,710	725,788	3	262,916,703	2	161	8	4.51E+17	161
6,711	21,024	4	506,468,160	2	876	6	4.52E+17	876

FermatCatalan

6,712	3	34	660,049,722	2	767,637	3	4.52E+17	3
6,713	9	17	660,049,722	2	767,637	3	4.52E+17	9
6,714	708,890	3	458,185	3	25,935	4	4.52E+17	8,645
6,715	623,784	3	597,793	3	25,991	4	4.56E+17	25,991
6,716	25,669	4	282,359	3	770,070	3	4.57E+17	25,669
6,717	2,655	5	23,895	4	676,706,400	2	4.58E+17	2,655
6,718	24,878	4	422,926	3	771,218	3	4.59E+17	24,878
6,719	207	7	665,230,725	2	771,282	3	4.59E+17	207
6,720	2,604	5	583,150,176	2	26,040	4	4.60E+17	2,604
6,721	3,255	5	307,255,725	2	26,040	4	4.60E+17	3,255
6,722	20,862	4	646,722	3	771,894	3	4.60E+17	20,862
6,723	729,344	3	416,768	3	26,048	4	4.60E+17	26,048
6,724	25,324	4	367,198	3	772,382	3	4.61E+17	12,662
6,725	20,472	4	535,520,224	2	3,412	5	4.62E+17	3,412
6,726	3,330	5	231,326,775	2	26,085	4	4.63E+17	555
6,727	26,091	4	69,576	3	774,033	3	4.64E+17	8,697
6,728	12,097	4	762,111	3	774,208	3	4.64E+17	12,097
6,729	15,488	4	637,857,792	2	880	6	4.64E+17	176
6,730	22,454	4	595,031	3	774,663	3	4.65E+17	11,227
6,731	3,400	5	10,200	4	682,040,000	2	4.65E+17	3,400
6,732	757,393	3	313,404	3	26,117	4	4.65E+17	26,117
6,733	303	7	481,150,567	2	775,276	3	4.66E+17	101
6,734	152	7	681,455,368	2	775,428	3	4.66E+17	76
6,735	3,193	5	19,158	4	683,081,683	2	4.67E+17	3,193
6,736	15	14	3,375	5	683,437,500	2	4.67E+17	15
6,737	15	14	759,375	3	683,437,500	2	4.67E+17	15
6,738	15	15	15	14	683,437,500	2	4.67E+17	15
6,739	15	15	225	7	683,437,500	2	4.67E+17	15
6,740	225	7	3,375	5	683,437,500	2	4.67E+17	225
6,741	225	7	759,375	3	683,437,500	2	4.67E+17	225
6,742	870	5	26,187	4	686,122,281	2	4.71E+17	87
6,743	2,740	4	686,476,175	2	3,425	5	4.71E+17	685
6,744	23,975	4	375,380,000	2	3,425	5	4.71E+17	3,425
6,745	23,151	4	571,058	3	779,417	3	4.73E+17	7,717
6,746	708,588	3	344,373,768	2	162	8	4.74E+17	162
6,747	105	8	771,750	3	688,786,875	2	4.74E+17	105
6,748	26,000	4	260,000	3	780,000	3	4.75E+17	26,000
6,749	20,015	4	680,510	3	780,585	3	4.76E+17	20,015
6,750	1,905	5	25,908	4	689,659,911	2	4.76E+17	381
6,751	334	7	111,779,112	2	780,892	3	4.76E+17	334
6,752	2,502	5	615,045,393	2	26,271	4	4.76E+17	1,251
6,753	656,825	3	578,006	3	26,273	4	4.76E+17	26,273
6,754	17,170	4	624,994,868	2	3,434	5	4.78E+17	3,434
6,755	3,432	5	56,275,648	2	26,312	4	4.79E+17	1,144
6,756	23,770	4	546,710	3	784,410	3	4.83E+17	23,770
6,757	782,132	3	166,972	3	26,364	4	4.83E+17	8,788
6,758	729,985	3	457,340	3	26,385	4	4.85E+17	8,795
6,759	335	7	224,450	3	785,575	3	4.85E+17	335
6,760	10,335	4	688,345,450	2	3,445	5	4.85E+17	3,445

FermatCatalan

6,761	3,150	5	20,475	4	697,055,625	2	4.86E+17	1,575
6,762	2	55	671,088,640	2	786,432	3	4.86E+17	2
6,763	32	11	671,088,640	2	786,432	3	4.86E+17	32
6,764	3,420	5	11,970	4	698,859,900	2	4.88E+17	1,710
6,765	1,694	5	26,257	4	699,473,775	2	4.89E+17	847
6,766	3,129	5	20,860	4	699,486,907	2	4.89E+17	1,043
6,767	26,271	4	236,439	3	788,130	3	4.90E+17	26,271
6,768	3,075	5	21,525	4	699,716,250	2	4.90E+17	3,075
6,769	2,145	5	666,637,400	2	26,455	4	4.90E+17	715
6,770	19,845	4	694,575	3	26,460	4	4.90E+17	6,615
6,771	3,448	5	7,758	4	700,690,492	2	4.91E+17	862
6,772	26,034	4	321,086	3	789,698	3	4.92E+17	8,678
6,773	3,312	5	307,141,632	2	26,496	4	4.93E+17	3,312
6,774	288	7	573,308,928	2	3,456	5	4.93E+17	288
6,775	1,152	5	700,710,912	2	3,456	5	4.93E+17	1,152
6,776	681,414	3	421,000,283	2	337	7	4.94E+17	337
6,777	716,634	3	504,298	3	26,542	4	4.96E+17	26,542
6,778	3,344	5	16,720	4	704,487,168	2	4.96E+17	3,344
6,779	313	7	587,814	3	705,278,831	2	4.97E+17	313
6,780	24,768	4	495,360	3	792,576	3	4.98E+17	24,768
6,781	770,994	3	345,618	3	26,586	4	5.00E+17	26,586
6,782	334	7	334,668	3	707,934,376	2	5.01E+17	334
6,783	26,488	4	211,904	3	794,640	3	5.02E+17	26,488
6,784	3,465	5	6,930	4	708,367,275	2	5.02E+17	3,465
6,785	2,904	5	543,708,176	2	26,620	4	5.02E+17	484
6,786	2,496	5	636,846,080	2	26,624	4	5.02E+17	832
6,787	3,344	5	2,432	5	709,385,216	2	5.03E+17	304
6,788	2,961	5	526,051,260	2	26,649	4	5.04E+17	2,961
6,789	25,695	4	411,120	3	796,545	3	5.05E+17	25,695
6,790	316	7	441,762,944	2	798,848	3	5.10E+17	316
6,791	3,480	5	3,480	4	714,513,600	2	5.11E+17	3,480
6,792	21	13	597,186,324	2	799,533	3	5.11E+17	21
6,793	26,657	4	186,599	3	799,710	3	5.11E+17	26,657
6,794	3,482	4	715,335,116	2	3,482	5	5.12E+17	3,482
6,795	1,784	5	703,366,976	2	26,760	4	5.13E+17	1,784
6,796	22,267	4	645,743	3	801,612	3	5.15E+17	22,267
6,797	24,430	4	401,943,300	2	3,490	5	5.18E+17	3,490
6,798	791,485	3	281,715	3	26,830	4	5.18E+17	13,415
6,799	697,762	3	563,577	3	26,837	4	5.19E+17	26,837
6,800	26,784	4	160,704	3	803,520	3	5.19E+17	26,784
6,801	339	7	77,916,438	2	804,447	3	5.21E+17	339
6,802	752,220	3	456,705	3	26,865	4	5.21E+17	26,865
6,803	3,042	5	3,042	5	721,793,592	2	5.21E+17	3,042
6,804	23,679	4	591,975	3	805,086	3	5.22E+17	23,679
6,805	2,240	5	682,393,600	2	26,880	4	5.22E+17	2,240
6,806	6,994	4	721,511,531	2	3,497	5	5.23E+17	3,497
6,807	26,875	4	134,375	3	806,250	3	5.24E+17	26,875
6,808	2,544	5	25,440	4	724,856,832	2	5.25E+17	2,544
6,809	19,216	4	730,208	3	807,072	3	5.26E+17	19,216

FermatCatalan

6,810	3,367	5	306,090,603	2	26,936	4	5.26E+17	3,367
6,811	26,936	4	107,744	3	808,080	3	5.28E+17	26,936
6,812	16,541	4	767,975	3	808,146	3	5.28E+17	2,363
6,813	2,808	5	707,616	3	808,704	3	5.29E+17	2,808
6,814	14,020	4	700,246,425	2	3,505	5	5.29E+17	3,505
6,815	21,030	4	577,396,175	2	3,505	5	5.29E+17	3,505
6,816	26,973	4	80,919	3	809,190	3	5.30E+17	26,973
6,817	26,992	4	53,984	3	809,760	3	5.31E+17	26,992
6,818	26,999	4	26,999	3	809,970	3	5.31E+17	26,999
6,819	810,030	3	27,001	3	27,001	4	5.32E+17	27,001
6,820	810,240	3	54,016	3	27,008	4	5.32E+17	27,008
6,821	3,480	5	12,180	4	729,651,600	2	5.32E+17	1,740
6,822	158	8	524,244	3	729,697,720	2	5.32E+17	158
6,823	3,504	5	8,176	4	729,859,840	2	5.33E+17	1,168
6,824	810,810	3	81,081	3	27,027	4	5.34E+17	27,027
6,825	12,481	4	798,784	3	811,265	3	5.34E+17	12,481
6,826	15,608	4	780,400	3	811,616	3	5.35E+17	15,608
6,827	23,192	4	626,184	3	811,720	3	5.35E+17	23,192
6,828	314	7	785	6	731,409,777	2	5.35E+17	157
6,829	314	7	616,225	3	731,409,777	2	5.35E+17	157
6,830	697,686	3	581,405	3	341	7	5.36E+17	341
6,831	3,465	5	13,860	4	732,379,725	2	5.36E+17	3,465
6,832	5	24	781,250	3	732,421,875	2	5.36E+17	5
6,833	25	12	781,250	3	732,421,875	2	5.36E+17	25
6,834	125	8	781,250	3	732,421,875	2	5.36E+17	125
6,835	811,920	3	108,256	3	27,064	4	5.36E+17	27,064
6,836	1,935	5	715,146,975	2	27,090	4	5.39E+17	1,935
6,837	35	9	814,625	3	735,306,250	2	5.41E+17	35
6,838	813,750	3	135,625	3	27,125	4	5.41E+17	27,125
6,839	2,960	5	23,680	4	735,974,400	2	5.42E+17	2,960
6,840	786,857	3	379,862	3	27,133	4	5.42E+17	27,133
6,841	56	8	736,182,272	2	815,360	3	5.42E+17	56
6,842	1,872	5	721,027,008	2	27,144	4	5.43E+17	936
6,843	399	5	27,151	4	737,183,660	2	5.43E+17	19
6,844	12,432	4	805,280	3	817,376	3	5.46E+17	112
6,845	816,480	3	163,296	3	27,216	4	5.49E+17	27,216
6,846	342	7	342	6	818,748	3	5.49E+17	342
6,847	342	7	116,964	3	818,748	3	5.49E+17	342
6,848	342	7	40,001,688	2	818,748	3	5.49E+17	342
6,849	26,416	4	396,240	3	818,896	3	5.49E+17	26,416
6,850	816,750	3	67,381,875	2	165	8	5.49E+17	165
6,851	27,150	4	77,807,375	2	905	6	5.49E+17	905
6,852	3,362	5	347,568,603	2	41	11	5.50E+17	41
6,853	135	8	664,301,250	2	820,125	3	5.52E+17	135
6,854	17,829	4	766,647	3	820,134	3	5.52E+17	17,829
6,855	3,519	5	10,557	4	743,001,660	2	5.52E+17	3,519
6,856	2,600	5	660,790,000	2	27,300	4	5.55E+17	1,300
6,857	26,808	4	339,568	3	822,112	3	5.56E+17	8,936
6,858	2,064	5	26,832	4	745,516,800	2	5.56E+17	2,064

FermatCatalan

6,859	26,676	4	367,380	3	822,276	3	5.56E+17	468
6,860	17,705	4	677,088,774	2	3,541	5	5.57E+17	3,541
6,861	820,290	3	191,401	3	27,343	4	5.59E+17	27,343
6,862	27,342	4	97,650	3	824,166	3	5.60E+17	3,906
6,863	19,691	4	742,632	3	824,209	3	5.60E+17	2,813
6,864	1,440	5	744,422,400	2	27,360	4	5.60E+17	1,440
6,865	3,420	5	304,106,400	2	27,360	4	5.60E+17	3,420
6,866	775,625	3	456,250	3	27,375	4	5.62E+17	9,125
6,867	768,950	3	476,749	3	3,549	5	5.63E+17	1,183
6,868	3,328	5	19,968	4	753,139,712	2	5.67E+17	3,328
6,869	25,480	4	382,582,200	2	910	6	5.68E+17	910
6,870	27,216	4	268,272	3	828,144	3	5.68E+17	3,888
6,871	24,899	4	430,176,466	2	3,557	5	5.69E+17	3,557
6,872	25,909	4	492,271	3	829,088	3	5.70E+17	25,909
6,873	768	6	24,576	4	754,974,720	2	5.70E+17	768
6,874	344	6	828,352	3	344	7	5.70E+17	344
6,875	828,352	3	118,336	3	344	7	5.70E+17	344
6,876	828,352	3	40,707,584	2	344	7	5.70E+17	344
6,877	1,816	5	27,240	4	755,209,024	2	5.70E+17	1,816
6,878	12	16	621,084,672	2	829,440	3	5.71E+17	12
6,879	144	8	621,084,672	2	829,440	3	5.71E+17	144
6,880	3,332	5	400,373,953	2	27,489	4	5.71E+17	833
6,881	825,360	3	220,096	3	27,512	4	5.73E+17	27,512
6,882	10,686	4	748,582,796	2	3,562	5	5.73E+17	3,562
6,883	24,213	4	613,396	3	831,313	3	5.75E+17	8,071
6,884	336	7	672	6	758,661,120	2	5.76E+17	336
6,885	336	7	451,584	3	758,661,120	2	5.76E+17	336
6,886	2	58	2	58	2	59	5.76E+17	2
6,887	2	58	4	29	2	59	5.76E+17	2
6,888	2	58	536,870,912	2	2	59	5.76E+17	2
6,889	4	29	4	29	2	59	5.76E+17	2
6,890	4	29	536,870,912	2	2	59	5.76E+17	2
6,891	244	7	726,339,200	2	833,504	3	5.79E+17	244
6,892	1,448	5	27,512	4	761,103,552	2	5.79E+17	1,448
6,893	3,570	5	1,785	4	761,507,775	2	5.80E+17	1,785
6,894	25,289	4	556,358	3	834,537	3	5.81E+17	25,289
6,895	1,151	5	761,760,575	2	27,624	4	5.82E+17	1,151
6,896	3,408	5	18,744	4	763,651,008	2	5.83E+17	1,704
6,897	1,443	5	832,685	3	835,682	3	5.84E+17	37
6,898	91	9	538,265	3	764,120,994	2	5.84E+17	91
6,899	663,552	3	663,552	3	27,648	4	5.84E+17	27,648
6,900	18	14	54	10	765,275,040	2	5.86E+17	18
6,901	18	14	2,916	5	765,275,040	2	5.86E+17	18
6,902	54	10	324	7	765,275,040	2	5.86E+17	54
6,903	324	7	2,916	5	765,275,040	2	5.86E+17	324
6,904	27,450	4	138,142,125	2	915	6	5.87E+17	915
6,905	747,441	3	553,660	3	27,683	4	5.87E+17	27,683
6,906	678,258	3	650,574	3	27,684	4	5.87E+17	13,842
6,907	1,153	5	27,672	4	767,068,993	2	5.88E+17	1,153

FermatCatalan

6,908	27,047	4	378,658	3	838,457	3	5.89E+17	27,047
6,909	3,080	5	559,697,600	2	27,720	4	5.90E+17	3,080
6,910	744,480	3	562,320	3	27,720	4	5.90E+17	3,960
6,911	3,262	5	470,848,497	2	27,727	4	5.91E+17	1,631
6,912	831,870	3	249,561	3	27,729	4	5.91E+17	27,729
6,913	23	13	296,071,778	2	839,523	3	5.92E+17	23
6,914	23,328	4	23,328	4	839,808	3	5.92E+17	23,328
6,915	22,104	4	707,328	3	839,952	3	5.93E+17	22,104
6,916	2,775	5	654,553,125	2	27,750	4	5.93E+17	2,775
6,917	808,860	3	400,465	3	27,755	4	5.93E+17	3,965
6,918	448,935	3	709,347,229	2	346	7	5.94E+17	173
6,919	3,519	5	15,249	4	770,520,240	2	5.94E+17	1,173
6,920	3,584	5	7,168	4	770,703,360	2	5.94E+17	3,584
6,921	805,156	3	416,460	3	27,764	4	5.94E+17	27,764
6,922	3,471	5	17,355	4	771,061,824	2	5.95E+17	3,471
6,923	3,471	5	17,355	4	27,768	4	5.95E+17	3,471
6,924	3,471	5	301,196,025	2	27,768	4	5.95E+17	3,471
6,925	777,952	3	500,112	3	27,784	4	5.96E+17	27,784
6,926	694,800	3	639,216	3	27,792	4	5.97E+17	27,792
6,927	3,336	5	429,080,768	2	27,800	4	5.97E+17	1,112
6,928	3	37	3	36	774,840,978	2	6.00E+17	3
6,929	3	37	9	18	774,840,978	2	6.00E+17	3
6,930	3	37	27	12	774,840,978	2	6.00E+17	3
6,931	3	37	81	9	774,840,978	2	6.00E+17	3
6,932	3	37	729	6	774,840,978	2	6.00E+17	3
6,933	3	37	19,683	4	774,840,978	2	6.00E+17	3
6,934	3	37	531,441	3	774,840,978	2	6.00E+17	3
6,935	3,592	5	50,803,452	2	27,838	4	6.01E+17	898
6,936	21,125	4	739,375	3	845,000	3	6.03E+17	21,125
6,937	3,599	5	3,599	4	777,168,060	2	6.04E+17	3,599
6,938	27,873	4	92,910	3	845,481	3	6.04E+17	9,291
6,939	21,600	4	622,080,000	2	60	10	6.05E+17	60
6,940	21,600	4	622,080,000	2	3,600	5	6.05E+17	3,600
6,941	3,601	4	778,032,060	2	3,601	5	6.06E+17	3,601
6,942	842,863	3	83,563,846	2	347	7	6.06E+17	347
6,943	269	7	795,971	3	778,604,360	2	6.06E+17	269
6,944	800,230	3	455,945	3	27,915	4	6.07E+17	9,305
6,945	3,224	5	22,568	4	779,563,200	2	6.08E+17	3,224
6,946	88	9	23,232	4	779,603,968	2	6.08E+17	88
6,947	814,164	3	411,073	3	27,937	4	6.09E+17	3,991
6,948	2,541	5	710,234,910	2	27,951	4	6.10E+17	2,541
6,949	713,286	3	629,370	3	27,972	4	6.12E+17	13,986
6,950	12,871	4	836,615	3	849,486	3	6.13E+17	12,871
6,951	23,942	4	658,405	3	849,941	3	6.14E+17	11,971
6,952	840,000	3	280,000	3	28,000	4	6.15E+17	28,000
6,953	84	9	740,880	3	784,147,392	2	6.15E+17	84
6,954	7,232	4	784,527,360	2	3,616	5	6.18E+17	3,616
6,955	2,848	5	25,632	4	786,777,088	2	6.19E+17	2,848
6,956	14,480	4	760,055,200	2	3,620	5	6.22E+17	3,620

FermatCatalan

6,957	852,124	3	159,188	3	28,092	4	6.23E+17	9,364
6,958	3,306	5	478,171,575	2	28,101	4	6.24E+17	1,653
6,959	27,594	4	358,722	3	855,414	3	6.26E+17	27,594
6,960	25,382	4	460,175,660	2	3,626	5	6.27E+17	3,626
6,961	28,126	4	31,933,300	2	3,626	5	6.27E+17	98
6,962	3,216	5	532,000,368	2	28,140	4	6.27E+17	804
6,963	1,985	5	27,790	4	791,985,225	2	6.27E+17	1,985
6,964	3,520	5	297,369,600	2	28,160	4	6.29E+17	3,520
6,965	239	7	764,507,464	2	856,815	3	6.29E+17	239
6,966	28,098	4	182,637	3	856,989	3	6.29E+17	14,049
6,967	22	13	702,768	3	793,659,328	2	6.30E+17	22
6,968	3,630	5	1,815	4	793,908,225	2	6.30E+17	1,815
6,969	2,793	5	26,068	4	794,819,837	2	6.32E+17	931
6,970	24,753	4	635,327	3	858,104	3	6.32E+17	8,251
6,971	677,376	3	568,995,840	2	168	8	6.35E+17	168
6,972	733,824	3	620,928	3	28,224	4	6.35E+17	28,224
6,973	733,824	3	620,928	3	168	8	6.35E+17	168
6,974	802,620	3	342,805,176	2	168	8	6.35E+17	84
6,975	16,226	4	827,526	3	859,978	3	6.36E+17	16,226
6,976	3,588	5	14,352	4	798,172,128	2	6.37E+17	3,588
6,977	23,598	4	689,310	3	860,706	3	6.38E+17	1,242
6,978	2,480	5	738,294,016	2	28,272	4	6.39E+17	496
6,979	3,474	5	19,107	4	799,549,785	2	6.39E+17	1,737
6,980	627	6	27,588	4	800,017,515	2	6.40E+17	627
6,981	26,936	4	484,848	3	861,952	3	6.40E+17	26,936
6,982	612,500	3	643,125,000	2	350	7	6.43E+17	350
6,983	849,930	3	311,641	3	28,331	4	6.44E+17	28,331
6,984	90	9	508,477,500	2	28,350	4	6.46E+17	90
6,985	756	6	677,698,812	2	28,350	4	6.46E+17	378
6,986	930	5	804,140,775	2	28,365	4	6.47E+17	465
6,987	18,250	4	732,737,500	2	3,650	5	6.48E+17	3,650
6,988	865,468	3	42,564	3	28,376	4	6.48E+17	14,188
6,989	2	59	2	56	805,306,368	2	6.49E+17	2
6,990	2	59	4	28	805,306,368	2	6.49E+17	2
6,991	2	59	16	14	805,306,368	2	6.49E+17	2
6,992	2	59	128	8	805,306,368	2	6.49E+17	2
6,993	2	59	256	7	805,306,368	2	6.49E+17	2
6,994	2	59	16,384	4	805,306,368	2	6.49E+17	2
6,995	54	9	803,538,792	2	866,052	3	6.50E+17	54
6,996	25,480	4	611,520	3	866,320	3	6.50E+17	25,480
6,997	27,532	4	426,746	3	867,258	3	6.52E+17	13,766
6,998	3,640	5	10,920	4	808,225,600	2	6.53E+17	3,640
6,999	20,188	4	787,332	3	868,084	3	6.54E+17	20,188
7,000	369,603	3	778,383,918	2	351	7	6.56E+17	351
7,001	862,407	3	246,402	3	351	7	6.56E+17	351
7,002	3,640	5	138,450,039	2	28,483	4	6.58E+17	91
7,003	826,065	3	455,760	3	28,485	4	6.58E+17	28,485
7,004	28,063	4	336,756	3	869,953	3	6.58E+17	28,063
7,005	924	6	13,860	4	811,940,976	2	6.59E+17	924

FermatCatalan

7,006	80	8	811,008,000	2	870,400	3	6.59E+17	80
7,007	3,567	5	292,640,247	2	28,536	4	6.63E+17	3,567
7,008	3,196	5	23,970	4	814,599,676	2	6.64E+17	1,598
7,009	756,522	3	613,782	3	28,548	4	6.64E+17	14,274
7,010	9,075	4	813,241,000	2	935	6	6.68E+17	55
7,011	867,328	3	130,842,624	2	352	7	6.70E+17	352
7,012	3,500	5	525,000	3	875,000	3	6.70E+17	3,500
7,013	23,653	4	709,590	3	875,161	3	6.70E+17	23,653
7,014	3,200	5	3,200	5	819,200,000	2	6.71E+17	3,200
7,015	18,639	4	820,116	3	876,033	3	6.72E+17	18,639
7,016	295	7	885	6	821,516,000	2	6.75E+17	295
7,017	295	7	783,225	3	821,516,000	2	6.75E+17	295
7,018	11,043	4	812,985,660	2	3,681	5	6.76E+17	3,681
7,019	163	7	876,777	3	822,841,930	2	6.77E+17	163
7,020	861,840	3	344,736	3	28,728	4	6.81E+17	28,728
7,021	26,676	4	560,196	3	880,308	3	6.82E+17	26,676
7,022	56	9	878,080	3	826,097,664	2	6.82E+17	56
7,023	706	6	747,778,609	2	353	7	6.83E+17	353
7,024	498,436	3	747,778,609	2	353	7	6.83E+17	353
7,025	3,197	5	592,806,922	2	28,773	4	6.85E+17	3,197
7,026	3,465	5	20,790	4	828,429,525	2	6.86E+17	3,465
7,027	28,460	4	313,060	3	882,260	3	6.87E+17	28,460
7,028	3,684	5	9,824	4	829,391,200	2	6.88E+17	1,228
7,029	120	8	864,000	3	829,440,000	2	6.88E+17	120
7,030	120	8	864,000	3	28,800	4	6.88E+17	120
7,031	14,400	4	864,000	3	28,800	4	6.88E+17	14,400
7,032	28,791	4	105,567	3	882,924	3	6.88E+17	9,597
7,033	806,708	3	547,409	3	28,811	4	6.89E+17	28,811
7,034	22,182	4	669,722,641	2	3,697	5	6.91E+17	3,697
7,035	25,879	4	22,182	4	3,697	5	6.91E+17	3,697
7,036	25,879	4	492,041,124	2	3,697	5	6.91E+17	3,697
7,037	3,327	5	532,538,473	2	28,834	4	6.91E+17	1,109
7,038	2,520	5	27,720	4	831,902,400	2	6.92E+17	2,520
7,039	3,129	5	25,032	4	832,204,485	2	6.93E+17	3,129
7,040	3,450	5	21,275	4	832,844,375	2	6.94E+17	575
7,041	25,299	4	657,774	3	885,465	3	6.94E+17	25,299
7,042	261	7	782,301,564	2	885,573	3	6.95E+17	261
7,043	3,612	5	287,023,968	2	28,896	4	6.97E+17	3,612
7,044	353	7	249,218	3	835,752,563	2	6.98E+17	353
7,045	3,704	5	6,482	4	836,039,100	2	6.99E+17	926
7,046	3,660	5	14,457	4	836,923,599	2	7.00E+17	183
7,047	3,705	5	7,410	4	837,348,525	2	7.01E+17	3,705
7,048	781,488	3	607,824	3	28,944	4	7.02E+17	28,944
7,049	13,267	4	875,622	3	888,889	3	7.02E+17	13,267
7,050	24,704	4	691,712	3	889,344	3	7.03E+17	24,704
7,051	28,392	4	378,560	3	889,616	3	7.04E+17	9,464
7,052	889,088	3	154,624	3	28,992	4	7.07E+17	9,664
7,053	27,855	4	473,535	3	891,360	3	7.08E+17	27,855
7,054	60	10	18,000	4	842,400,000	2	7.10E+17	60

FermatCatalan

7,055	3,600	5	18,000	4	842,400,000	2	7.10E+17	3,600
7,056	28,791	4	287,910	3	892,521	3	7.11E+17	28,791
7,057	3,720	5	3,720	4	844,142,400	2	7.13E+17	3,720
7,058	53	8	893,262	3	844,281,467	2	7.13E+17	53
7,059	3,722	4	845,050,324	2	3,722	5	7.14E+17	3,722
7,060	853,160	3	455,665	3	29,085	4	7.16E+17	9,695
7,061	3,654	5	16,443	4	851,171,895	2	7.24E+17	1,827
7,062	2,368	5	28,416	4	852,328,448	2	7.26E+17	2,368
7,063	875,910	3	379,561	3	29,197	4	7.27E+17	29,197
7,064	7,474	4	851,875,309	2	3,737	5	7.29E+17	3,737
7,065	14,948	4	823,944,971	2	3,737	5	7.29E+17	3,737
7,066	94	9	141	8	853,944,175	2	7.29E+17	47
7,067	94	9	19,881	4	853,944,175	2	7.29E+17	47
7,068	141	8	830,584	3	853,944,175	2	7.29E+17	47
7,069	56	10	752,640	3	854,196,224	2	7.30E+17	56
7,070	891,515	3	277,685	3	29,230	4	7.30E+17	14,615
7,071	28,470	4	271,080,901	2	949	6	7.30E+17	949
7,072	3,655	5	280,539,525	2	29,240	4	7.31E+17	3,655
7,073	526,338	3	765,032,283	2	171	8	7.31E+17	171
7,074	29,062	4	261,558	3	900,922	3	7.31E+17	29,062
7,075	849,758	3	498,134	3	29,302	4	7.37E+17	29,302
7,076	1,725	5	851,028,750	2	29,325	4	7.40E+17	1,725
7,077	171	8	204,687	3	860,036,292	2	7.40E+17	171
7,078	14,265	4	835,666,524	2	951	6	7.40E+17	951
7,079	1,250	5	859,375,000	2	3,750	5	7.42E+17	1,250
7,080	3,276	5	24,570	4	861,257,124	2	7.42E+17	1,638
7,081	29,279	4	234,232	3	907,649	3	7.48E+17	29,279
7,082	808,830	3	602,946	3	29,412	4	7.48E+17	14,706
7,083	139	7	864,769,318	2	908,087	3	7.49E+17	139
7,084	15	15	23,625	4	865,687,500	2	7.49E+17	15
7,085	3,375	5	23,625	4	865,687,500	2	7.49E+17	3,375
7,086	2,769	5	27,690	4	866,411,793	2	7.51E+17	2,769
7,087	2,668	5	28,014	4	866,643,772	2	7.51E+17	1,334
7,088	2,944	5	728,039,424	2	29,440	4	7.51E+17	2,944
7,089	736,225	3	706,776	3	29,449	4	7.52E+17	29,449
7,090	18,805	4	792,126,776	2	3,761	5	7.53E+17	3,761
7,091	16,856	4	876,512	3	910,224	3	7.54E+17	16,856
7,092	222	7	899,433	3	868,445,685	2	7.54E+17	111
7,093	3,713	5	14,852	4	868,541,247	2	7.54E+17	3,713
7,094	23,382	4	771,606	3	911,898	3	7.58E+17	23,382
7,095	19	13	846,825,858	2	912,247	3	7.59E+17	19
7,096	720	6	787,449,600	2	29,520	4	7.59E+17	720
7,097	18,818	4	796,763,529	2	97	9	7.60E+17	97
7,098	28,227	4	18,818	4	97	9	7.60E+17	97
7,099	28,227	4	18,818	4	912,673	3	7.60E+17	9,409
7,100	28,227	4	354,117,124	2	97	9	7.60E+17	97
7,101	3,480	5	22,359	4	871,956,369	2	7.60E+17	87
7,102	22,265	4	801,540	3	912,865	3	7.61E+17	22,265
7,103	29,448	4	206,136	3	912,888	3	7.61E+17	29,448

FermatCatalan

7,104	26,390	4	525,877,300	2	3,770	5	7.62E+17	3,770
7,105	1,906	5	858,257,505	2	29,543	4	7.62E+17	953
7,106	25,851	4	680,743	3	913,402	3	7.62E+17	8,617
7,107	3,696	5	273,208,320	2	29,568	4	7.64E+17	3,696
7,108	910	6	444,068,625	2	29,575	4	7.65E+17	455
7,109	207,088	3	870,124,608	2	172	8	7.66E+17	172
7,110	902,167	3	185,073,116	2	359	7	7.69E+17	359
7,111	29,575	4	177,450	3	916,825	3	7.71E+17	29,575
7,112	3,763	5	11,289	4	877,930,478	2	7.71E+17	3,763
7,113	2,178	5	29,161	4	878,708,897	2	7.72E+17	121
7,114	28,672	4	458,752	3	917,504	3	7.72E+17	28,672
7,115	3,774	5	9,435	4	879,509,943	2	7.74E+17	1,887
7,116	29,666	4	148,330	3	919,646	3	7.78E+17	29,666
7,117	3,524	5	22,025	4	882,495,057	2	7.79E+17	881
7,118	881,545	3	455,630	3	29,715	4	7.80E+17	9,905
7,119	29,727	4	118,908	3	921,537	3	7.83E+17	29,727
7,120	773,318	3	684,089	3	29,743	4	7.83E+17	29,743
7,121	892,320	3	416,416	3	29,744	4	7.83E+17	29,744
7,122	23,040	4	707,788,800	2	960	6	7.83E+17	960
7,123	27,937	4	558,740	3	921,921	3	7.84E+17	27,937
7,124	134,784	3	883,851,264	2	360	7	7.84E+17	72
7,125	777,600	3	559,872,000	2	360	7	7.84E+17	360
7,126	899,100	3	238,383,000	2	360	7	7.84E+17	180
7,127	360	7	3,240	4	885,297,600	2	7.84E+17	360
7,128	27,137	4	624,151	3	922,658	3	7.85E+17	27,137
7,129	29,764	4	89,292	3	922,684	3	7.86E+17	29,764
7,130	360	7	360	6	886,464,000	2	7.86E+17	360
7,131	360	7	129,600	3	886,464,000	2	7.86E+17	360
7,132	1,743	5	29,631	4	887,110,308	2	7.87E+17	1,743
7,133	29,783	4	59,566	3	923,273	3	7.87E+17	29,783
7,134	29,790	4	29,790	3	923,490	3	7.88E+17	29,790
7,135	923,552	3	29,792	3	29,792	4	7.88E+17	29,792
7,136	22,776	4	720,480,800	2	3,796	5	7.88E+17	3,796
7,137	923,769	3	59,598	3	29,799	4	7.89E+17	29,799
7,138	3,718	5	16,731	4	888,161,417	2	7.89E+17	1,859
7,139	3,312	5	625,252,608	2	29,808	4	7.89E+17	3,312
7,140	243,648	3	880,492,032	2	6	23	7.90E+17	6
7,141	924,358	3	89,454	3	29,818	4	7.91E+17	29,818
7,142	29,202	4	399,094	3	924,730	3	7.91E+17	9,734
7,143	11,406	4	881,767,444	2	3,802	5	7.94E+17	3,802
7,144	925,505	3	119,420	3	29,855	4	7.94E+17	29,855
7,145	945	6	17,010	4	892,131,975	2	7.96E+17	945
7,146	3,735	5	265,054,275	2	29,880	4	7.97E+17	3,735
7,147	2,196	5	864,358,532	2	29,890	4	7.98E+17	122
7,148	927,396	3	149,580	3	29,916	4	8.01E+17	29,916
7,149	3,808	5	5,712	4	895,428,352	2	8.02E+17	1,904
7,150	13,669	4	915,823	3	929,492	3	8.03E+17	13,669
7,151	750	6	28,125	4	896,484,375	2	8.04E+17	375
7,152	25,478	4	726,123	3	929,947	3	8.04E+17	12,739

FermatCatalan

7,153	838,656	3	599,040	3	29,952	4	8.05E+17	29,952
7,154	105	8	926,100	3	899,474,625	2	8.09E+17	105
7,155	21,184	4	847,360	3	932,096	3	8.10E+17	21,184
7,156	930,217	3	180,042	3	30,007	4	8.11E+17	30,007
7,157	924	6	436,919,868	2	30,030	4	8.13E+17	462
7,158	362	6	901,320,632	2	362	7	8.15E+17	362
7,159	131,044	3	901,320,632	2	362	7	8.15E+17	362
7,160	19,467	4	876,015	3	934,416	3	8.16E+17	19,467
7,161	2,317	5	869,695,218	2	30,121	4	8.23E+17	2,317
7,162	3,043	5	27,387	4	907,465,202	2	8.23E+17	3,043
7,163	2,511	5	851,191,335	2	30,132	4	8.24E+17	2,511
7,164	934,154	3	210,938	3	30,134	4	8.25E+17	30,134
7,165	3,828	5	7,656	4	908,522,208	2	8.25E+17	3,828
7,166	3,604	5	21,624	4	909,217,120	2	8.27E+17	3,604
7,167	3,772	5	256,103,712	2	30,176	4	8.29E+17	3,772
7,168	29,393	4	440,895	3	940,576	3	8.32E+17	29,393
7,169	7	21	524,596,891	2	98	9	8.34E+17	7
7,170	7	21	524,596,891	2	941,192	3	8.34E+17	7
7,171	343	7	524,596,891	2	98	9	8.34E+17	49
7,172	343	7	524,596,891	2	941,192	3	8.34E+17	343
7,173	823,543	3	524,596,891	2	98	9	8.34E+17	49
7,174	876,409	3	543,978	3	30,221	4	8.34E+17	30,221
7,175	26,409	4	704,240	3	941,921	3	8.36E+17	8,803
7,176	316	7	805,089	3	914,587,345	2	8.36E+17	79
7,177	71	9	889,408,835	2	30,246	4	8.37E+17	71
7,178	3,843	5	3,843	4	915,656,238	2	8.38E+17	3,843
7,179	88	9	805,376	3	915,898,368	2	8.39E+17	88
7,180	3,836	5	9,590	4	916,002,276	2	8.39E+17	1,918
7,181	87	9	744,766,893	2	174	8	8.40E+17	87
7,182	87	9	744,766,893	2	30,276	4	8.40E+17	87
7,183	658,503	3	744,766,893	2	174	8	8.40E+17	87
7,184	7	17	943,593	3	916,721,008	2	8.40E+17	7
7,185	3,845	4	916,609,550	2	3,845	5	8.40E+17	3,845
7,186	26,915	4	561,792,950	2	3,845	5	8.40E+17	3,845
7,187	1,938	5	30,039	4	917,364,897	2	8.42E+17	969
7,188	939,393	3	242,424	3	30,303	4	8.43E+17	30,303
7,189	3,731	5	18,655	4	918,743,826	2	8.44E+17	3,731
7,190	818,937	3	667,282	3	30,331	4	8.46E+17	30,331
7,191	2,760	5	830,318,400	2	30,360	4	8.50E+17	2,760
7,192	675	6	911,250	3	30,375	4	8.51E+17	675
7,193	911,250	3	455,625	3	30,375	4	8.51E+17	30,375
7,194	15,424	4	892,124,160	2	3,856	5	8.52E+17	3,856
7,195	78	8	949,104	3	30,420	4	8.56E+17	78
7,196	78	8	949,104	3	925,376,400	2	8.56E+17	78
7,197	468	6	919,681,776	2	30,420	4	8.56E+17	468
7,198	6,084	4	949,104	3	30,420	4	8.56E+17	6,084
7,199	7,720	4	923,775,200	2	3,860	5	8.57E+17	3,860
7,200	2,205	5	897,335,334	2	30,429	4	8.57E+17	441
7,201	26	12	913,952	3	926,747,328	2	8.59E+17	26

FermatCatalan

7,202	3,362	5	3,362	5	926,849,608	2	8.59E+17	3,362
7,203	29,250	4	356,484,375	2	975	6	8.59E+17	975
7,204	2,436	5	879,729,732	2	30,450	4	8.60E+17	1,218
7,205	3,807	5	246,385,233	2	30,456	4	8.60E+17	3,807
7,206	12,368	4	916,011,957	2	3,865	5	8.62E+17	773
7,207	975	6	8,450	4	929,605,625	2	8.64E+17	325
7,208	3,210	5	723,863,025	2	30,495	4	8.65E+17	1,605
7,209	25,081	4	777,511	3	953,078	3	8.66E+17	25,081
7,210	62	8	953,312	3	930,909,168	2	8.67E+17	62
7,211	27,250	4	681,250	3	953,750	3	8.68E+17	27,250
7,212	946,120	3	274,680	3	30,520	4	8.68E+17	30,520
7,213	3,870	5	5,805	4	932,312,025	2	8.69E+17	1,935
7,214	296	7	876,160	3	933,636,096	2	8.72E+17	296
7,215	19,370	4	855,448,932	2	3,874	5	8.73E+17	3,874
7,216	871,074	3	595,998	3	30,564	4	8.73E+17	15,282
7,217	364	7	546	6	934,428,040	2	8.73E+17	182
7,218	364	7	298,116	3	934,428,040	2	8.73E+17	364
7,219	27,648	4	663,552	3	24	13	8.76E+17	24
7,220	663,552	3	764,411,904	2	24	13	8.76E+17	24
7,221	847,872	3	516,685,824	2	24	13	8.76E+17	24
7,222	60	10	521,640,000	2	30,600	4	8.77E+17	60
7,223	3,600	5	521,640,000	2	30,600	4	8.77E+17	1,800
7,224	3,300	5	26,400	4	936,540,000	2	8.77E+17	3,300
7,225	3,198	5	27,183	4	938,345,967	2	8.80E+17	1,599
7,226	29,078	4	552,482	3	959,574	3	8.84E+17	29,078
7,227	20	13	896,000,000	2	960,000	3	8.85E+17	20
7,228	27,440	4	564,715,200	2	980	6	8.86E+17	980
7,229	30,024	4	420,336	3	960,768	3	8.87E+17	30,024
7,230	30,681	4	132,951	3	961,338	3	8.88E+17	10,227
7,231	23,328	4	839,808	3	3,888	5	8.88E+17	3,888
7,232	2,400	5	30,000	4	943,200,000	2	8.90E+17	1,200
7,233	3,840	5	15,360	4	30,720	4	8.91E+17	3,840
7,234	3,840	5	15,360	4	943,718,400	2	8.91E+17	3,840
7,235	3,840	5	235,929,600	2	30,720	4	8.91E+17	3,840
7,236	22,562	4	794,737,892	2	3,890	5	8.91E+17	778
7,237	3,762	5	370,720,647	2	30,723	4	8.91E+17	627
7,238	17,498	4	927,394	3	962,390	3	8.91E+17	17,498
7,239	3,896	5	4,870	4	947,727,324	2	8.98E+17	974
7,240	23,382	4	774,517,059	2	3,897	5	8.99E+17	3,897
7,241	954,521	3	307,910	3	30,791	4	8.99E+17	30,791
7,242	171	8	555,579	3	950,040,090	2	9.03E+17	171
7,243	3,425	5	656,915,000	2	30,825	4	9.03E+17	3,425
7,244	2,790	5	29,295	4	951,606,225	2	9.06E+17	1,395
7,245	284	7	870,439,552	2	967,872	3	9.07E+17	284
7,246	108	8	3,888	5	952,342,272	2	9.07E+17	108
7,247	3,888	5	11,664	4	952,342,272	2	9.07E+17	3,888
7,248	967,072	3	144,032	3	30,864	4	9.07E+17	10,288
7,249	781	5	952,759,082	2	3,905	5	9.08E+17	781
7,250	101	7	969,095	3	954,058,726	2	9.10E+17	101

FermatCatalan

7,251	29,836	4	492,294	3	969,670	3	9.12E+17	14,918
7,252	24	13	24	12	955,514,880	2	9.13E+17	24
7,253	24	13	576	6	955,514,880	2	9.13E+17	24
7,254	24	13	13,824	4	955,514,880	2	9.13E+17	24
7,255	24	13	331,776	3	955,514,880	2	9.13E+17	24
7,256	947,968	3	249,180,160	2	368	7	9.14E+17	368
7,257	26,973	4	728,271	3	971,028	3	9.16E+17	26,973
7,258	30,834	4	231,255	3	971,271	3	9.16E+17	15,417
7,259	14,077	4	957,236	3	971,313	3	9.16E+17	14,077
7,260	3,640	5	526,671,600	2	30,940	4	9.16E+17	1,820
7,261	26,264	4	761,656	3	971,768	3	9.18E+17	26,264
7,262	3,528	5	24,696	4	958,402,368	2	9.19E+17	3,528
7,263	960	6	19,200	4	958,464,000	2	9.19E+17	960
7,264	3,871	5	224,769,615	2	30,968	4	9.20E+17	3,871
7,265	738	6	29,520	4	959,662,728	2	9.21E+17	738
7,266	333	7	776,223	3	960,076,962	2	9.22E+17	333
7,267	99	8	970,299	3	960,596,010	2	9.23E+17	99
7,268	99	9	99	8	960,596,010	2	9.23E+17	99
7,269	99	9	9,801	4	960,596,010	2	9.23E+17	99
7,270	329	7	712,225,780	2	987	6	9.24E+17	329
7,271	329	7	712,225,780	2	974,169	3	9.24E+17	329
7,272	28,656	4	630,432	3	974,304	3	9.25E+17	28,656
7,273	24	13	368,640	3	962,592,768	2	9.27E+17	24
7,274	27,454	4	599,901,276	2	3,922	5	9.28E+17	3,922
7,275	942,305	3	455,620	3	31,065	4	9.31E+17	10,355
7,276	272,322	3	954,624,771	2	369	7	9.32E+17	369
7,277	11,775	4	955,148,750	2	3,925	5	9.32E+17	3,925
7,278	840	6	762,753,600	2	31,080	4	9.33E+17	840
7,279	932,880	3	497,536	3	31,096	4	9.35E+17	31,096
7,280	30,571	4	397,423	3	978,272	3	9.36E+17	30,571
7,281	3,111	5	803,300,643	2	31,110	4	9.37E+17	3,111
7,282	98	9	686	6	968,486,568	2	9.38E+17	98
7,283	98	9	470,596	3	968,486,568	2	9.38E+17	98
7,284	964,782	3	342,342	3	31,122	4	9.38E+17	31,122
7,285	3,280	5	750,398,400	2	31,160	4	9.43E+17	1,640
7,286	3,900	5	212,940,000	2	31,200	4	9.48E+17	3,900
7,287	170	8	501,126,000	2	982,600	3	9.49E+17	170
7,288	873,964	3	655,473	3	31,213	4	9.49E+17	31,213
7,289	958,300	3	410,700	3	370	7	9.49E+17	370
7,290	1,249	5	973,440,624	2	31,225	4	9.51E+17	1,249
7,291	3,038	5	28,861	4	976,013,703	2	9.53E+17	1,519
7,292	992	5	975,945,472	2	31,248	4	9.53E+17	496
7,293	906,192	3	593,712	3	31,248	4	9.53E+17	31,248
7,294	23,435	4	867,095	3	984,270	3	9.54E+17	23,435
7,295	781,250	3	781,250	3	31,250	4	9.54E+17	31,250
7,296	3,914	5	13,699	4	976,611,495	2	9.54E+17	1,957
7,297	984,564	3	15,628	3	31,256	4	9.54E+17	15,628
7,298	1,251	5	31,275	4	979,690,626	2	9.60E+17	1,251
7,299	24,696	4	839,664	3	987,840	3	9.64E+17	24,696

FermatCatalan

7,300	943	6	22,632	4	982,620,145	2	9.66E+17	943
7,301	3,953	5	7,906	4	984,451,167	2	9.69E+17	3,953
7,302	3,654	5	23,751	4	984,689,055	2	9.70E+17	1,827
7,303	816,400	3	753,600	3	31,400	4	9.72E+17	31,400
7,304	3,927	5	200,477,277	2	31,416	4	9.74E+17	3,927
7,305	31,040	4	372,480	3	993,280	3	9.80E+17	31,040
7,306	714	6	30,345	4	990,151,281	2	9.80E+17	357
7,307	30,105	4	541,890	3	993,465	3	9.81E+17	30,105
7,308	992	6	1,984	5	3,968	5	9.84E+17	992
7,309	1,984	5	984,064	3	3,968	5	9.84E+17	1,984
7,310	1,984	5	976,191,488	2	3,968	5	9.84E+17	1,984
7,311	3,968	5	3,968	4	991,936,512	2	9.84E+17	3,968
7,312	2,256	5	31,020	4	992,141,424	2	9.84E+17	564
7,313	428,652	3	951,928,929	2	63	10	9.85E+17	63
7,314	3,456	5	3,456	5	995,328	3	9.86E+17	3,456
7,315	20,313	4	934,398	3	995,337	3	9.86E+17	20,313
7,316	3,970	4	992,936,700	2	3,970	5	9.86E+17	3,970
7,317	977,089	3	378,228	3	31,519	4	9.87E+17	31,519
7,318	3,745	5	22,470	4	995,776,775	2	9.92E+17	3,745
7,319	30,858	4	442,298	3	997,742	3	9.93E+17	10,286
7,320	17,982	4	943,110,945	2	999	6	9.94E+17	999
7,321	55	8	998,250	3	997,418,125	2	9.95E+17	55
7,322	15,908	4	964,808,269	2	3,977	5	9.95E+17	3,977
7,323	3,290	5	27,965	4	998,523,225	2	9.97E+17	1,645
7,324	22,204	4	910,364	3	999,180	3	9.98E+17	22,204
7,325	3,952	5	187,419,648	2	31,616	4	9.99E+17	3,952
7,326	63	9	3,969	5	1,000,188	3	1.00E+18	63
7,327	63	9	992,436,543	2	1,000,188	3	1.00E+18	63
7,328	63	10	63	9	1,000,188	3	1.00E+18	63
7,329	63	10	250,047	3	1,000,188	3	1.00E+18	63
7,330	3,969	5	250,047	3	1,000,188	3	1.00E+18	3,969
7,331	3,864	5	19,320	4	1,000,343,232	2	1.00E+18	3,864
7,332	31,635	4	76,590	3	1,000,665	3	1.00E+18	1,665
7,333	27,543	4	752,842	3	1,000,729	3	1.00E+18	9,181
7,334	7,970	4	1,000,454,175	2	3,985	5	1.00E+18	3,985
7,335	31,653	4	147,714	3	1,002,345	3	1.01E+18	10,551
7,336	338	7	338	7	1,003,976,272	2	1.01E+18	338
7,337	19,945	4	922,903,018	2	3,989	5	1.01E+18	3,989
7,338	966,306	3	483,153	3	3,993	5	1.02E+18	3,993
7,339	31,437	4	345,807	3	1,005,984	3	1.02E+18	31,437
7,340	3,852	5	414,533,943	2	31,779	4	1.02E+18	963
7,341	974,740	3	455,585	3	31,785	4	1.02E+18	10,595
7,342	3,975	5	173,806,875	2	31,800	4	1.02E+18	3,975
7,343	999,680	3	290,816	3	31,808	4	1.02E+18	4,544
7,344	24,000	4	832,000,000	2	4,000	5	1.02E+18	4,000
7,345	800,000	3	800,000	3	4,000	5	1.02E+18	4,000
7,346	28,007	4	640,320,040	2	4,001	5	1.03E+18	4,001
7,347	3,536	5	687,681,280	2	31,824	4	1.03E+18	3,536
7,348	1,008,140	3	137,956	3	31,836	4	1.03E+18	10,612

FermatCatalan

7,349	1,918	5	31,647	4	1,014,408,143	2	1.03E+18	959
7,350	859,950	3	732,550	3	31,850	4	1.03E+18	31,850
7,351	1,003,905	3	270,895	3	31,870	4	1.03E+18	15,935
7,352	3,978	5	13,923	4	1,016,723,097	2	1.03E+18	1,989
7,353	359	7	644,405	3	1,017,902,138	2	1.04E+18	359
7,354	57	10	877,230	3	1,018,376,307	2	1.04E+18	57
7,355	957,390	3	542,521	3	31,913	4	1.04E+18	31,913
7,356	1,596	5	1,013,791,968	2	31,920	4	1.04E+18	1,596
7,357	14,491	4	999,879	3	1,014,370	3	1.04E+18	14,491
7,358	3,996	5	159,680,160	2	31,968	4	1.04E+18	3,996
7,359	27,062	4	798,329	3	1,014,825	3	1.05E+18	13,531
7,360	876	6	770,253,660	2	31,974	4	1.05E+18	438
7,361	2,783	5	30,613	4	1,022,351,748	2	1.05E+18	2,783
7,362	991,628	3	415,844	3	31,988	4	1.05E+18	31,988
7,363	2,996	5	29,960	4	1,023,265,824	2	1.05E+18	2,996
7,364	63	10	126	8	1,023,942,465	2	1.05E+18	63
7,365	63	10	15,876	4	1,023,942,465	2	1.05E+18	63
7,366	126	8	3,969	5	1,023,942,465	2	1.05E+18	63
7,367	3,969	5	15,876	4	1,023,942,465	2	1.05E+18	3,969
7,368	252	7	992,186,496	2	1,016,064	3	1.05E+18	252
7,369	252	7	992,186,496	2	1,008	6	1.05E+18	252
7,370	944,118	3	592,074	3	32,004	4	1.05E+18	16,002
7,371	18,152	4	980,208	3	1,016,512	3	1.05E+18	18,152
7,372	31,768	4	317,680	3	1,016,576	3	1.05E+18	31,768
7,373	10	18	15,000	4	1,025,000,000	2	1.05E+18	10
7,374	100	9	15,000	4	1,025,000,000	2	1.05E+18	100
7,375	1,000	6	15,000	4	1,025,000,000	2	1.05E+18	1,000
7,376	29,051	4	697,224	3	1,016,785	3	1.05E+18	29,051
7,377	2,415	5	31,395	4	1,026,471,600	2	1.05E+18	2,415
7,378	961,230	3	407,209,069	2	179	8	1.05E+18	179
7,379	4,024	5	3,018	4	1,027,216,540	2	1.06E+18	1,006
7,380	369	6	1,029,377,160	2	32,103	4	1.06E+18	369
7,381	4,015	5	12,045	4	1,031,694,400	2	1.06E+18	4,015
7,382	4,015	5	12,045	4	32,120	4	1.06E+18	4,015
7,383	4,015	5	145,082,025	2	32,120	4	1.06E+18	4,015
7,384	830,609	3	789,308	3	32,123	4	1.06E+18	4,589
7,385	3,728	5	24,232	4	1,031,925,312	2	1.06E+18	1,864
7,386	30,043	4	630,903	3	1,021,462	3	1.07E+18	30,043
7,387	735	6	30,870	4	1,032,369,975	2	1.07E+18	735
7,388	329	7	865,928	3	1,032,727,381	2	1.07E+18	329
7,389	1,604	5	32,080	4	1,034,272,032	2	1.07E+18	1,604
7,390	819	5	32,175	4	1,035,408,582	2	1.07E+18	117
7,391	31,024	4	527,408	3	1,023,792	3	1.07E+18	31,024
7,392	373	7	417,387	3	1,037,902,340	2	1.08E+18	373
7,393	31,339	4	483,516	3	1,025,233	3	1.08E+18	4,477
7,394	32,039	4	288,351	3	1,025,248	3	1.08E+18	32,039
7,395	3,240	5	29,160	4	1,039,262,400	2	1.08E+18	3,240
7,396	4,032	5	130,056,192	2	32,256	4	1.08E+18	4,032
7,397	1,443	5	32,227	4	1,041,587,222	2	1.08E+18	481

FermatCatalan

7,398	380	6	1,041,846,000	2	32,300	4	1.09E+18	380
7,399	2,584	5	986,535,024	2	32,300	4	1.09E+18	1,292
7,400	12,150	4	1,033,357,500	2	4,050	5	1.09E+18	4,050
7,401	350	7	875	6	1,045,078,125	2	1.09E+18	175
7,402	350	7	765,625	3	1,045,078,125	2	1.09E+18	175
7,403	3,528	5	3,528	5	1,045,529,856	2	1.09E+18	3,528
7,404	101	8	1,040,604,010	2	101	9	1.09E+18	101
7,405	101	8	1,040,604,010	2	1,030,301	3	1.09E+18	101
7,406	10,201	4	1,040,604,010	2	101	9	1.09E+18	101
7,407	28,119	4	777,959	3	1,031,030	3	1.10E+18	9,373
7,408	1,352	5	1,045,561,088	2	4,056	5	1.10E+18	1,352
7,409	4,047	5	114,647,463	2	32,376	4	1.10E+18	4,047
7,410	32,256	4	258,048	3	1,032,192	3	1.10E+18	32,256
7,411	939,281	3	647,780	3	32,389	4	1.10E+18	32,389
7,412	3,473	5	27,784	4	1,049,370,423	2	1.10E+18	3,473
7,413	3,144	5	29,868	4	1,050,253,200	2	1.10E+18	1,572
7,414	73	9	31,974	4	1,050,734,917	2	1.10E+18	73
7,415	2,316	5	1,019,132,640	2	32,424	4	1.11E+18	2,316
7,416	978	5	32,437	4	1,052,584,073	2	1.11E+18	163
7,417	4,064	5	2,032	4	1,052,901,120	2	1.11E+18	2,032
7,418	26,551	4	849,632	3	1,035,489	3	1.11E+18	26,551
7,419	3,924	5	20,601	4	1,053,785,295	2	1.11E+18	981
7,420	31,704	4	464,992	3	1,035,664	3	1.11E+18	10,568
7,421	4,060	5	98,901,600	2	32,480	4	1.11E+18	4,060
7,422	307	7	925,902,176	2	1,036,739	3	1.11E+18	307
7,423	1,008	6	16,128	4	1,056,706,560	2	1.12E+18	1,008
7,424	32,425	4	226,975	3	1,037,600	3	1.12E+18	32,425
7,425	2,032	5	1,040,514,048	2	32,512	4	1.12E+18	2,032
7,426	3,683	5	25,781	4	1,058,030,142	2	1.12E+18	3,683
7,427	1,008,585	3	455,490	3	32,535	4	1.12E+18	32,535
7,428	1,005,487	3	326,639,634	2	379	7	1.12E+18	379
7,429	4,071	5	82,865,205	2	32,568	4	1.13E+18	4,071
7,430	30,600	4	499,392,000	2	1,020	6	1.13E+18	1,020
7,431	168	8	790,272	3	1,062,125,568	2	1.13E+18	168
7,432	912,800	3	717,200	3	32,600	4	1.13E+18	32,600
7,433	32,552	4	195,312	3	1,041,664	3	1.13E+18	32,552
7,434	27,436	4	27,436	4	1,042,568	3	1.13E+18	27,436
7,435	28,574	4	683,171,684	2	4,082	5	1.13E+18	4,082
7,436	960	6	593,510,400	2	32,640	4	1.14E+18	960
7,437	4,080	5	8,160	4	1,065,369,600	2	1.14E+18	4,080
7,438	4,080	5	8,160	4	32,640	4	1.14E+18	4,080
7,439	4,080	5	66,585,600	2	32,640	4	1.14E+18	4,080
7,440	3,633	5	26,642	4	1,066,160,767	2	1.14E+18	1,211
7,441	32,643	4	163,215	3	1,044,576	3	1.14E+18	32,643
7,442	4,088	5	1,022	4	1,068,507,132	2	1.14E+18	1,022
7,443	4,087	5	50,110,707	2	32,696	4	1.14E+18	4,087
7,444	32,704	4	130,816	3	1,046,528	3	1.15E+18	32,704
7,445	1,023	5	1,046,529	3	4,092	5	1.15E+18	1,023
7,446	1,023	5	1,070,599,167	2	4,092	5	1.15E+18	1,023

FermatCatalan

7,447	1,023	6	1,023	5	4,092	5	1.15E+18	1,023
7,448	29,080	4	756,080	3	1,046,880	3	1.15E+18	29,080
7,449	4,092	5	33,488,928	2	32,736	4	1.15E+18	4,092
7,450	3,993	5	2,662	5	1,071,794,405	2	1.15E+18	1,331
7,451	170	8	672,466,875	2	1,047,625	3	1.15E+18	85
7,452	2,977	5	957,153,132	2	32,747	4	1.15E+18	2,977
7,453	32,741	4	98,223	3	1,047,712	3	1.15E+18	32,741
7,454	1,023	6	8,184	4	1,072,692,225	2	1.15E+18	1,023
7,455	3,276	5	880,038,432	2	32,760	4	1.15E+18	3,276
7,456	4,095	5	4,095	4	32,760	4	1.15E+18	4,095
7,457	4,095	5	4,095	4	1,073,217,600	2	1.15E+18	4,095
7,458	4,095	5	16,769,025	2	32,760	4	1.15E+18	4,095
7,459	32,760	4	65,520	3	1,048,320	3	1.15E+18	32,760
7,460	32,767	4	32,767	3	1,048,544	3	1.15E+18	32,767
7,461	2	59	2	59	64	10	1.15E+18	2
7,462	2	59	2	59	32	12	1.15E+18	2
7,463	2	59	2	59	1,048,576	3	1.15E+18	2
7,464	2	59	2	59	16	15	1.15E+18	2
7,465	2	59	2	59	1,073,741,824	2	1.15E+18	2
7,466	2	59	2	59	2	60	1.15E+18	2
7,467	2	59	2	59	8	20	1.15E+18	2
7,468	2	59	2	59	1,024	6	1.15E+18	2
7,469	2	59	2	59	4,096	5	1.15E+18	2
7,470	2	59	2	59	32,768	4	1.15E+18	2
7,471	2	59	2	59	4	30	1.15E+18	2
7,472	1,048,608	3	32,769	3	32,769	4	1.15E+18	32,769
7,473	1,048,832	3	65,552	3	32,776	4	1.15E+18	32,776
7,474	4,097	4	1,074,266,176	2	4,097	5	1.15E+18	4,097
7,475	32,776	4	4,097	4	4,097	5	1.15E+18	4,097
7,476	32,776	4	16,785,409	2	4,097	5	1.15E+18	4,097
7,477	1,049,440	3	98,385	3	32,795	4	1.16E+18	32,795
7,478	24	13	654,480	3	1,075,560,768	2	1.16E+18	24
7,479	18	14	884,317,824	2	1,049,760	3	1.16E+18	18
7,480	324	7	884,317,824	2	1,049,760	3	1.16E+18	324
7,481	3,645	5	717,445,350	2	32,805	4	1.16E+18	3,645
7,482	16,400	4	1,042,220,000	2	4,100	5	1.16E+18	4,100
7,483	32,800	4	33,620,000	2	4,100	5	1.16E+18	4,100
7,484	4,100	5	1,025	5	1,050,625	3	1.16E+18	1,025
7,485	4,100	5	1,025	5	1,025	6	1.16E+18	1,025
7,486	4,100	5	1,025	5	1,076,890,625	2	1.16E+18	1,025
7,487	8,200	4	1,074,789,375	2	1,025	6	1.16E+18	1,025
7,488	15,375	4	1,050,625,000	2	1,025	6	1.16E+18	1,025
7,489	31,841	4	509,456	3	1,050,753	3	1.16E+18	31,841
7,490	984,960	3	590,976	3	32,832	4	1.16E+18	32,832
7,491	1,050,624	3	131,328	3	32,832	4	1.16E+18	32,832
7,492	4,104	5	1,026	4	1,078,992,900	2	1.16E+18	1,026
7,493	725,805	3	884,901,456	2	381	7	1.17E+18	381
7,494	24,630	4	893,104,325	2	4,105	5	1.17E+18	4,105
7,495	32,840	4	50,553,075	2	4,105	5	1.17E+18	4,105

FermatCatalan

7,496	2,564	5	32,050	4	1,079,795,268	2	1.17E+18	1,282
7,497	3,735	5	663,472,701	2	32,868	4	1.17E+18	747
7,498	20,530	4	994,694,924	2	4,106	5	1.17E+18	4,106
7,499	1,052,576	3	164,465	3	32,893	4	1.17E+18	32,893
7,500	4,056	5	421,824	3	1,054,560	3	1.17E+18	4,056
7,501	780	6	31,200	4	1,082,952,000	2	1.17E+18	780
7,502	672	6	32,256	4	1,083,801,600	2	1.17E+18	672
7,503	8,224	4	1,082,146,816	2	4,112	5	1.18E+18	4,112
7,504	32,896	4	8,224	4	4,112	5	1.18E+18	4,112
7,505	32,896	4	67,634,176	2	4,112	5	1.18E+18	4,112
7,506	1,014	6	304,088,967	2	32,955	4	1.18E+18	507
7,507	867	6	29,478	4	1,086,190,605	2	1.18E+18	867
7,508	3,999	5	19,995	4	1,087,456,068	2	1.18E+18	3,999
7,509	1,055,488	3	197,904	3	32,984	4	1.18E+18	32,984
7,510	3,950	5	21,725	4	1,088,274,375	2	1.18E+18	1,975
7,511	3,888	5	23,328	4	1,088,391,168	2	1.18E+18	3,888
7,512	14,911	4	1,043,770	3	1,058,681	3	1.19E+18	14,911
7,513	21,177	4	995,319	3	1,058,850	3	1.19E+18	21,177
7,514	27,872	4	836,160	3	1,059,136	3	1.19E+18	27,872
7,515	32,968	4	84,913,205	2	4,121	5	1.19E+18	4,121
7,516	24,635	4	936,130	3	1,059,305	3	1.19E+18	24,635
7,517	2,673	5	32,076	4	1,093,174,137	2	1.20E+18	2,673
7,518	28,701	4	803,628	3	1,061,937	3	1.20E+18	28,701
7,519	198	7	1,058,508	3	1,094,497,272	2	1.20E+18	198
7,520	4,128	5	2,064	4	1,094,844,672	2	1.20E+18	2,064
7,521	10	16	1,090,625,000	2	1,062,500	3	1.20E+18	10
7,522	100	8	1,090,625,000	2	1,062,500	3	1.20E+18	100
7,523	1,059,552	3	231,777	3	33,111	4	1.20E+18	33,111
7,524	33,056	4	102,440,544	2	4,132	5	1.20E+18	4,132
7,525	31,304	4	626,080	3	1,064,336	3	1.21E+18	31,304
7,526	1,028,146	3	497,490	3	33,166	4	1.21E+18	33,166
7,527	146	8	1,002,107,792	2	1,065,800	3	1.21E+18	146
7,528	2,142	5	1,081,659,663	2	33,201	4	1.22E+18	1,071
7,529	3,906	5	553,060,305	2	33,201	4	1.22E+18	1,953
7,530	863,226	3	830,025	3	33,201	4	1.22E+18	33,201
7,531	4,116	5	13,720	4	1,103,077,024	2	1.22E+18	1,372
7,532	546	6	1,091,162,527	2	33,215	4	1.22E+18	91
7,533	26,046	4	911,610	3	1,067,886	3	1.22E+18	26,046
7,534	23,248	4	976,416	3	1,069,408	3	1.22E+18	23,248
7,535	33,160	4	120,267,175	2	4,145	5	1.22E+18	4,145
7,536	174	8	726,624	3	1,106,285,040	2	1.22E+18	174
7,537	1,064,960	3	266,240	3	33,280	4	1.23E+18	33,280
7,538	2,064	5	33,024	4	1,107,624,960	2	1.23E+18	2,064
7,539	63	8	1,071,630	3	1,109,458,539	2	1.23E+18	63
7,540	4,100	5	16,400	4	1,109,460,000	2	1.23E+18	4,100
7,541	1,043,870	3	455,305	3	33,315	4	1.23E+18	11,105
7,542	18,818	4	1,034,990	3	1,072,626	3	1.23E+18	18,818
7,543	2,780	5	1,035,605,600	2	33,360	4	1.24E+18	2,780
7,544	1,056	5	33,360	4	1,113,479,424	2	1.24E+18	48

FermatCatalan

7,545	32,562	4	488,430	3	1,074,546	3	1.24E+18	32,562
7,546	2,225	5	1,089,137,500	2	33,375	4	1.24E+18	2,225
7,547	30,708	4	706,284	3	1,074,780	3	1.24E+18	30,708
7,548	3,705	5	27,170	4	1,114,939,475	2	1.24E+18	1,235
7,549	13,312	4	1,102,020,608	2	4,160	5	1.25E+18	832
7,550	33,280	4	138,444,800	2	4,160	5	1.25E+18	4,160
7,551	4,144	5	12,432	4	1,116,227,840	2	1.25E+18	4,144
7,552	29,155	4	728,583,450	2	4,165	5	1.25E+18	4,165
7,553	889,350	3	741,866,125	2	385	7	1.25E+18	385
7,554	360	7	777,600	3	1,119,744,000	2	1.25E+18	360
7,555	4,168	5	3,126	4	1,121,594,212	2	1.26E+18	1,042
7,556	1,071,904	3	301,473	3	33,497	4	1.26E+18	33,497
7,557	32,236	4	564,130	3	1,079,906	3	1.26E+18	16,118
7,558	3,942	5	555,532,263	2	33,507	4	1.26E+18	1,971
7,559	904,689	3	804,168	3	33,507	4	1.26E+18	33,507
7,560	362	7	670,060,733	2	1,081,113	3	1.26E+18	181
7,561	16,640	4	1,090,252,800	2	1,040	6	1.27E+18	1,040
7,562	20,800	4	1,038,336,000	2	1,040	6	1.27E+18	1,040
7,563	32,448	4	395,952,128	2	1,040	6	1.27E+18	208
7,564	377	7	754	6	1,125,235,293	2	1.27E+18	377
7,565	377	7	568,516	3	1,125,235,293	2	1.27E+18	377
7,566	291	7	1,044,097,912	2	1,082,035	3	1.27E+18	97
7,567	12,531	4	1,116,629,056	2	4,177	5	1.27E+18	4,177
7,568	33,416	4	12,531	4	4,177	5	1.27E+18	4,177
7,569	33,416	4	157,025,961	2	4,177	5	1.27E+18	4,177
7,570	368	7	598,032,384	2	1,083,392	3	1.27E+18	368
7,571	7	21	847,425,747	2	33,614	4	1.28E+18	7
7,572	343	7	847,425,747	2	33,614	4	1.28E+18	343
7,573	975,850	3	706,650	3	33,650	4	1.28E+18	33,650
7,574	33,651	4	179,472	3	1,088,049	3	1.29E+18	11,217
7,575	4,020	5	22,110	4	1,135,268,100	2	1.29E+18	2,010
7,576	1,028,826	3	590,310	3	33,732	4	1.29E+18	16,866
7,577	3,752	5	746,107,712	2	33,768	4	1.30E+18	3,752
7,578	1,080,576	3	337,680	3	33,768	4	1.30E+18	33,768
7,579	33,568	4	176,064,160	2	4,196	5	1.30E+18	4,196
7,580	1,092,000	3	168,000	3	4,200	5	1.31E+18	4,200
7,581	29,289	4	829,855	3	1,093,456	3	1.31E+18	9,763
7,582	1,094,548	3	124,124	3	33,852	4	1.31E+18	11,284
7,583	33,193	4	464,702	3	1,095,369	3	1.31E+18	33,193
7,584	1,015,770	3	643,321	3	33,859	4	1.31E+18	33,859
7,585	33,714	4	286,569	3	1,095,705	3	1.32E+18	16,857
7,586	162	8	972	6	1,147,912,560	2	1.32E+18	162
7,587	162	8	944,784	3	1,147,912,560	2	1.32E+18	162
7,588	972	6	26,244	4	1,147,912,560	2	1.32E+18	972
7,589	1,050,497	3	542,192	3	33,887	4	1.32E+18	33,887
7,590	3,108	5	31,857	4	1,148,896,287	2	1.32E+18	777
7,591	3,876	5	669,479,193	2	33,915	4	1.32E+18	969
7,592	776	6	1,051,399,296	2	388	7	1.32E+18	388
7,593	451,632	3	1,109,810,368	2	388	7	1.32E+18	388

FermatCatalan

7,594	602,176	3	1,051,399,296	2	388	7	1.32E+18	388
7,595	743,311	3	955,568,631	2	388	7	1.32E+18	97
7,596	25,272	4	958,010,976	2	4,212	5	1.33E+18	4,212
7,597	4,209	5	8,418	4	1,151,519,265	2	1.33E+18	4,209
7,598	2,388	5	33,432	4	1,151,913,888	2	1.33E+18	2,388
7,599	33,736	4	195,613,979	2	4,217	5	1.33E+18	4,217
7,600	164	8	904,243,520	2	1,102,736	3	1.34E+18	164
7,601	32,445	4	616,455	3	1,103,130	3	1.34E+18	32,445
7,602	4,224	5	4,224	4	1,159,741,440	2	1.35E+18	4,224
7,603	260	7	1,040	6	1,160,016,000	2	1.35E+18	260
7,604	260	7	1,081,600	3	1,160,016,000	2	1.35E+18	260
7,605	65	9	1,098,500	3	1,160,290,625	2	1.35E+18	65
7,606	65	9	1,098,500	3	4,225	5	1.35E+18	65
7,607	65	9	1,098,500	3	65	10	1.35E+18	65
7,608	130	8	1,124,589,375	2	4,225	5	1.35E+18	65
7,609	130	8	1,124,589,375	2	65	10	1.35E+18	65
7,610	16,900	4	1,124,589,375	2	4,225	5	1.35E+18	4,225
7,611	16,900	4	1,124,589,375	2	65	10	1.35E+18	65
7,612	21,125	4	1,071,037,500	2	4,225	5	1.35E+18	4,225
7,613	21,125	4	1,071,037,500	2	65	10	1.35E+18	65
7,614	32,955	4	408,422,300	2	4,225	5	1.35E+18	845
7,615	32,955	4	408,422,300	2	65	10	1.35E+18	65
7,616	1,098,500	3	274,625	3	4,225	5	1.35E+18	4,225
7,617	1,098,500	3	274,625	3	65	10	1.35E+18	65
7,618	15,337	4	1,088,927	3	1,104,264	3	1.35E+18	15,337
7,619	4,226	4	1,160,839,940	2	4,226	5	1.35E+18	4,226
7,620	28,694	4	875,167	3	1,104,719	3	1.35E+18	14,347
7,621	3	36	1,062,882	3	9	19	1.35E+18	3
7,622	3	36	1,062,882	3	1,162,261,467	2	1.35E+18	3
7,623	3	36	1,062,882	3	3	38	1.35E+18	3
7,624	9	18	1,062,882	3	9	19	1.35E+18	9
7,625	9	18	1,062,882	3	1,162,261,467	2	1.35E+18	9
7,626	9	18	1,062,882	3	3	38	1.35E+18	3
7,627	27	12	1,062,882	3	9	19	1.35E+18	9
7,628	27	12	1,062,882	3	1,162,261,467	2	1.35E+18	27
7,629	27	12	1,062,882	3	3	38	1.35E+18	3
7,630	81	9	1,062,882	3	9	19	1.35E+18	9
7,631	81	9	1,062,882	3	1,162,261,467	2	1.35E+18	81
7,632	81	9	1,062,882	3	3	38	1.35E+18	3
7,633	729	6	1,062,882	3	9	19	1.35E+18	9
7,634	729	6	1,062,882	3	3	38	1.35E+18	3
7,635	19,683	4	1,062,882	3	9	19	1.35E+18	9
7,636	19,683	4	1,062,882	3	3	38	1.35E+18	3
7,637	1,062,882	3	531,441	3	9	19	1.35E+18	9
7,638	1,062,882	3	531,441	3	3	38	1.35E+18	3
7,639	1,062,882	3	387,420,489	2	9	19	1.35E+18	9
7,640	1,062,882	3	387,420,489	2	3	38	1.35E+18	3
7,641	1,091,168	3	375,089	3	34,099	4	1.35E+18	34,099
7,642	955,332	3	784,737	3	34,119	4	1.36E+18	34,119

FermatCatalan

7,643	1,080,625	3	455,000	3	34,125	4	1.36E+18	11,375
7,644	3,840	5	26,880	4	1,164,902,400	2	1.36E+18	3,840
7,645	945	6	28,350	4	1,165,397,625	2	1.36E+18	945
7,646	1,108,441	3	146,490	3	34,181	4	1.37E+18	4,883
7,647	2,385	5	1,135,116,900	2	34,185	4	1.37E+18	795
7,648	33,920	4	215,731,200	2	4,240	5	1.37E+18	4,240
7,649	3,648	5	29,184	4	1,171,095,552	2	1.37E+18	3,648
7,650	8,482	4	1,169,095,265	2	4,241	5	1.37E+18	4,241
7,651	718,725	3	1,000,396,750	2	185	8	1.37E+18	185
7,652	1,026,750	3	538,188,125	2	185	8	1.37E+18	185
7,653	33,740	4	438,620	3	1,113,420	3	1.38E+18	33,740
7,654	3,698	5	3,698	5	1,176,067,544	2	1.38E+18	3,698
7,655	33,432	4	512,624	3	1,114,400	3	1.38E+18	11,144
7,656	980	6	705,894,000	2	34,300	4	1.38E+18	980
7,657	183	8	502,335	3	1,176,669,504	2	1.38E+18	183
7,658	111	8	1,108,890	3	1,177,530,291	2	1.39E+18	111
7,659	29,750	4	776,687,500	2	4,250	5	1.39E+18	4,250
7,660	4,224	5	2,112	5	1,177,583,616	2	1.39E+18	2,112
7,661	4,224	5	2,112	5	1,056	6	1.39E+18	1,056
7,662	4,224	5	2,112	5	1,115,136	3	1.39E+18	2,112
7,663	1,056	5	1,177,304,832	2	34,320	4	1.39E+18	528
7,664	2,640	5	1,122,105,600	2	34,320	4	1.39E+18	2,640
7,665	34,328	4	17,164	3	1,115,660	3	1.39E+18	17,164
7,666	297	7	1,058,508	3	1,178,913,285	2	1.39E+18	297
7,667	148	8	1,051,392	3	1,180,012,288	2	1.39E+18	148
7,668	3,272	5	1,009,038,992	2	34,356	4	1.39E+18	1,636
7,669	4,136	5	20,680	4	1,180,348,224	2	1.39E+18	4,136
7,670	31,031	4	775,775	3	1,117,116	3	1.39E+18	31,031
7,671	1,752	5	1,175,188,383	2	34,383	4	1.40E+18	219
7,672	3,439	5	30,951	4	1,182,672,100	2	1.40E+18	3,439
7,673	3,439	5	30,951	4	34,390	4	1.40E+18	3,439
7,674	3,439	5	957,964,401	2	34,390	4	1.40E+18	3,439
7,675	72	7	1,183,057,920	2	1,118,592	3	1.40E+18	72
7,676	4,180	5	18,810	4	1,183,755,100	2	1.40E+18	2,090
7,677	4,103	5	623,656	3	1,120,119	3	1.41E+18	4,103
7,678	4,033	5	24,198	4	1,187,351,497	2	1.41E+18	4,033
7,679	34,120	4	236,472,925	2	4,265	5	1.41E+18	4,265
7,680	28,063	4	926,079	3	1,122,520	3	1.41E+18	28,063
7,681	1,103,872	3	413,952	3	34,496	4	1.42E+18	34,496
7,682	2,275	5	34,125	4	1,190,393,750	2	1.42E+18	2,275
7,683	15,264	4	1,168,004,672	2	1,060	6	1.42E+18	212
7,684	31,800	4	629,216,000	2	1,060	6	1.42E+18	1,060
7,685	2	55	1,114,112	3	1,191,182,336	2	1.42E+18	2
7,686	32	11	1,114,112	3	1,191,182,336	2	1.42E+18	32
7,687	1,875	5	34,375	4	1,191,406,250	2	1.42E+18	625
7,688	67,228	3	1,192,490,264	2	392	7	1.42E+18	196
7,689	1,075,648	3	421,654,016	2	392	7	1.42E+18	392
7,690	888	6	31,080	4	1,193,067,072	2	1.42E+18	888
7,691	22,059	4	1,058,832	3	1,125,009	3	1.42E+18	22,059

FermatCatalan

7,692	4,210	5	2,526	5	1,193,895,376	2	1.43E+18	842
7,693	29,883	4	856,646	3	1,125,593	3	1.43E+18	9,961
7,694	3,225	5	32,250	4	1,196,071,875	2	1.43E+18	3,225
7,695	32,227	4	708,994	3	1,127,945	3	1.44E+18	32,227
7,696	34,209	4	410,508	3	1,128,897	3	1.44E+18	34,209
7,697	4,233	5	16,932	4	1,200,525,363	2	1.44E+18	4,233
7,698	19,496	4	1,091,776	3	1,130,768	3	1.45E+18	19,496
7,699	1,020	6	565,977,600	2	34,680	4	1.45E+18	1,020
7,700	3,940	5	26,595	4	1,204,049,225	2	1.45E+18	985
7,701	1,075,824	3	589,968	3	34,704	4	1.45E+18	34,704
7,702	392	7	307,328	3	1,204,725,760	2	1.45E+18	392
7,703	3,857	5	773,575,348	2	34,713	4	1.45E+18	3,857
7,704	154	8	1,043,504	3	1,205,247,120	2	1.45E+18	154
7,705	34,677	4	196,503	3	1,132,782	3	1.45E+18	11,559
7,706	1,050	6	18,375	4	1,205,859,375	2	1.45E+18	525
7,707	4,275	5	12,825	4	1,206,191,250	2	1.45E+18	4,275
7,708	4,284	5	10,710	4	1,206,687,132	2	1.46E+18	2,142
7,709	34,336	4	257,897,696	2	4,292	5	1.46E+18	4,292
7,710	1,129,375	3	260,625	3	34,750	4	1.46E+18	17,375
7,711	61	10	907,924	3	1,134,905	3	1.46E+18	61
7,712	3,721	5	907,924	3	1,134,905	3	1.46E+18	3,721
7,713	4,270	5	14,457	4	1,209,626,401	2	1.46E+18	61
7,714	4,296	5	5,370	4	1,209,996,324	2	1.46E+18	1,074
7,715	104	9	203,600,384	2	1,135,680	3	1.46E+18	104
7,716	145	7	1,135,350	3	1,210,304,125	2	1.46E+18	145
7,717	1,935	5	1,201,896,225	2	34,830	4	1.47E+18	1,935
7,718	28,756	4	924,300	3	1,137,916	3	1.47E+18	4,108
7,719	33,472	4	602,496	3	1,138,048	3	1.47E+18	33,472
7,720	25,865	4	1,008,735	3	1,138,060	3	1.47E+18	25,865
7,721	3,030	5	1,104,003,225	2	34,845	4	1.47E+18	1,515
7,722	12,918	4	1,205,206,340	2	4,306	5	1.48E+18	4,306
7,723	1,139,936	3	116,320	3	34,896	4	1.48E+18	11,632
7,724	281	7	1,105,454	3	1,220,342,255	2	1.49E+18	281
7,725	34,606	4	380,666	3	1,141,998	3	1.49E+18	34,606
7,726	31,250	4	732,421,875	2	5	26	1.49E+18	5
7,727	31,250	4	732,421,875	2	25	13	1.49E+18	25
7,728	24,316	4	1,045,588	3	1,142,852	3	1.49E+18	24,316
7,729	1,118,880	3	454,545	3	34,965	4	1.49E+18	34,965
7,730	320	7	1,049,600	3	1,224,704,000	2	1.50E+18	320
7,731	700	6	1,176,000,000	2	35,000	4	1.50E+18	700
7,732	1,050,000	3	700,000	3	35,000	4	1.50E+18	35,000
7,733	4,318	5	6,477	4	1,225,916,903	2	1.50E+18	2,159
7,734	30,970	4	836,190	3	1,145,890	3	1.50E+18	30,970
7,735	25,926	4	1,026,907,255	2	4,321	5	1.51E+18	4,321
7,736	34,568	4	280,065,615	2	4,321	5	1.51E+18	4,321
7,737	1,016,073	3	770,814	3	35,037	4	1.51E+18	35,037
7,738	948,992	3	868,112	3	35,048	4	1.51E+18	2,696
7,739	4,248	5	19,116	4	1,231,605,648	2	1.52E+18	2,124
7,740	3,192	5	1,090,208,448	2	35,112	4	1.52E+18	3,192

FermatCatalan

7,741	66	8	1,149,984	3	1,233,357,840	2	1.52E+18	66
7,742	4,092	5	611,986,903	2	35,123	4	1.52E+18	341
7,743	1,351	5	1,232,010,675	2	35,126	4	1.52E+18	1,351
7,744	15,769	4	1,135,368	3	1,151,137	3	1.53E+18	15,769
7,745	42	11	29,988	4	1,235,343,312	2	1.53E+18	42
7,746	3,048	5	33,528	4	1,235,610,432	2	1.53E+18	3,048
7,747	913,952	3	913,952	3	35,152	4	1.53E+18	35,152
7,748	29,528	4	915,368	3	1,151,592	3	1.53E+18	29,528
7,749	27,432	4	987,552	3	1,152,144	3	1.53E+18	27,432
7,750	4,332	5	164,616	3	1,152,312	3	1.53E+18	4,332
7,751	34,937	4	349,370	3	1,152,921	3	1.53E+18	34,937
7,752	30,359	4	827,621,036	2	4,337	5	1.53E+18	4,337
7,753	1,353	5	35,178	4	1,239,322,293	2	1.54E+18	1,353
7,754	3,850	5	28,875	4	1,241,384,375	2	1.54E+18	1,925
7,755	34,314	4	537,586	3	1,155,238	3	1.54E+18	11,438
7,756	4,340	5	8,680	4	1,243,149,600	2	1.55E+18	4,340
7,757	21,730	4	1,152,150,676	2	4,346	5	1.55E+18	4,346
7,758	1,146,600	3	209,530,125	2	105	9	1.55E+18	105
7,759	953,316	3	882,700	3	35,308	4	1.55E+18	35,308
7,760	30,483	4	884,007	3	1,158,354	3	1.55E+18	30,483
7,761	1,953	5	35,154	4	1,247,246,343	2	1.56E+18	1,953
7,762	346	7	987,657	3	1,247,829,797	2	1.56E+18	173
7,763	252	7	1,143,072	3	1,248,234,624	2	1.56E+18	252
7,764	3,366	5	1,062,183,375	2	35,343	4	1.56E+18	1,683
7,765	17,408	4	1,212,153,856	2	4,352	5	1.56E+18	4,352
7,766	34,816	4	17,408	4	4,352	5	1.56E+18	4,352
7,767	34,816	4	303,038,464	2	4,352	5	1.56E+18	4,352
7,768	2,001	5	1,236,791,420	2	35,351	4	1.56E+18	667
7,769	20,692	4	1,112,934	3	1,160,230	3	1.56E+18	1,478
7,770	91	8	1,159,340	3	1,250,174,289	2	1.56E+18	91
7,771	4,355	5	4,355	4	1,251,757,650	2	1.57E+18	4,355
7,772	35,208	4	316,872	3	1,161,864	3	1.57E+18	35,208
7,773	4,357	4	1,252,907,634	2	4,357	5	1.57E+18	4,357
7,774	34,776	4	476,928	3	1,162,512	3	1.57E+18	4,968
7,775	4,350	5	10,875	4	1,253,615,625	2	1.57E+18	2,175
7,776	805	6	33,810	4	1,256,520,475	2	1.58E+18	805
7,777	1,136,384	3	497,168	3	35,512	4	1.59E+18	35,512
7,778	4,180	5	563,484,900	2	35,530	4	1.59E+18	2,090
7,779	8,744	4	1,261,549,344	2	4,372	5	1.60E+18	4,372
7,780	35,425	4	283,400	3	1,169,025	3	1.60E+18	35,425
7,781	34,391	4	584,647	3	1,169,294	3	1.60E+18	34,391
7,782	236	7	1,248,704,320	2	1,169,616	3	1.60E+18	236
7,783	1,458	5	1,262,703,816	2	4,374	5	1.60E+18	1,458
7,784	1,013,327	3	828,856	3	399	7	1.61E+18	133
7,785	1,167,474	3	265,335	3	399	7	1.61E+18	399
7,786	1,104,313	3	641,214	3	35,623	4	1.61E+18	35,623
7,787	5	22	1,171,875	3	1,269,531,250	2	1.61E+18	5
7,788	25	11	1,171,875	3	1,269,531,250	2	1.61E+18	25
7,789	3,960	5	799,761,600	2	35,640	4	1.61E+18	3,960

FermatCatalan

7,790	399	7	399	6	1,270,423,980	2	1.61E+18	399
7,791	399	7	159,201	3	1,270,423,980	2	1.61E+18	399
7,792	3,480	5	1,052,847,900	2	35,670	4	1.62E+18	870
7,793	2,162	5	1,253,865,953	2	35,673	4	1.62E+18	1,081
7,794	35,594	4	249,158	3	1,174,602	3	1.62E+18	35,594
7,795	3,756	5	934,624,260	2	35,682	4	1.62E+18	1,878
7,796	27,187	4	1,036,785,892	2	4,385	5	1.62E+18	877
7,797	35,080	4	326,879,825	2	4,385	5	1.62E+18	4,385
7,798	4,384	5	6,576	4	1,273,288,960	2	1.62E+18	2,192
7,799	33,614	4	705,894	3	1,176,490	3	1.63E+18	33,614
7,800	3,828	5	29,986	4	1,276,897,028	2	1.63E+18	638
7,801	1,126,062	3	589,842	3	35,748	4	1.63E+18	17,874
7,802	488	5	1,278,356,992	2	4,392	5	1.63E+18	488
7,803	4,275	5	21,375	4	1,279,293,750	2	1.64E+18	4,275
7,804	3,999	5	27,993	4	1,279,360,080	2	1.64E+18	3,999
7,805	189	8	214,326	3	1,178,793	3	1.64E+18	189
7,806	35,721	4	214,326	3	1,178,793	3	1.64E+18	35,721
7,807	1,001,728	3	858,624	3	35,776	4	1.64E+18	35,776
7,808	32,000	4	768,000,000	2	400	7	1.64E+18	400
7,809	32,000	4	768,000,000	2	20	14	1.64E+18	20
7,810	1,020	6	26,775	4	1,280,667,375	2	1.64E+18	255
7,811	76	9	1,247,953,896	2	1,179,748	3	1.64E+18	76
7,812	4,212	5	563,274,972	2	35,802	4	1.64E+18	2,106
7,813	1,158,665	3	453,910	3	35,835	4	1.65E+18	11,945
7,814	35,812	4	179,060	3	1,181,796	3	1.65E+18	35,812
7,815	32,832	4	787,968	3	1,181,952	3	1.65E+18	32,832
7,816	4,368	5	16,016	4	1,286,801,152	2	1.66E+18	1,456
7,817	35,873	4	143,492	3	1,183,809	3	1.66E+18	35,873
7,818	80	8	1,287,680,000	2	1,184,000	3	1.66E+18	80
7,819	35,910	4	107,730	3	1,185,030	3	1.66E+18	35,910
7,820	35,929	4	71,858	3	1,185,657	3	1.67E+18	35,929
7,821	401	6	1,289,624,020	2	401	7	1.67E+18	401
7,822	160,801	3	1,289,624,020	2	401	7	1.67E+18	401
7,823	98	9	98	9	1,291,315,424	2	1.67E+18	98
7,824	98	9	941,192	3	1,291,315,424	2	1.67E+18	98
7,825	35,936	4	35,936	3	1,185,888	3	1.67E+18	35,936
7,826	1,185,954	3	35,938	3	35,938	4	1.67E+18	35,938
7,827	1,186,185	3	71,890	3	35,945	4	1.67E+18	35,945
7,828	4,180	5	25,080	4	1,292,957,600	2	1.67E+18	4,180
7,829	1,186,812	3	107,892	3	35,964	4	1.67E+18	35,964
7,830	20	13	1,264,000,000	2	36,000	4	1.68E+18	20
7,831	60	10	1,036,800,000	2	36,000	4	1.68E+18	60
7,832	3,600	5	1,036,800,000	2	36,000	4	1.68E+18	3,600
7,833	1,188,033	3	144,004	3	36,001	4	1.68E+18	36,001
7,834	245	7	1,276,491,650	2	36,015	4	1.68E+18	245
7,835	3,744	5	31,200	4	1,297,400,832	2	1.68E+18	1,248
7,836	4,368	5	17,472	4	1,297,400,832	2	1.68E+18	4,368
7,837	1,105	5	1,297,021,596	2	36,023	4	1.68E+18	221
7,838	4,383	5	16,071	4	1,297,788,768	2	1.68E+18	1,461

FermatCatalan

7,839	3,536	4	1,298,779,872	2	4,420	5	1.69E+18	884
7,840	35,360	4	351,655,200	2	4,420	5	1.69E+18	4,420
7,841	20,186	4	1,150,602	3	1,190,974	3	1.69E+18	20,186
7,842	33,708	4	631,238,480	2	106	9	1.69E+18	106
7,843	1,190,046	3	180,310	3	36,062	4	1.69E+18	36,062
7,844	31,089	4	911,944	3	1,191,745	3	1.69E+18	10,363
7,845	4,065	5	27,642	4	1,301,447,961	2	1.69E+18	813
7,846	4,408	5	13,224	4	1,301,841,088	2	1.69E+18	4,408
7,847	3,825	5	30,600	4	1,302,125,625	2	1.70E+18	3,825
7,848	685,900	3	1,172,889,000	2	190	8	1.70E+18	190
7,849	30,982	4	881,526,420	2	4,426	5	1.70E+18	4,426
7,850	3,934	5	29,505	4	1,303,882,993	2	1.70E+18	1,967
7,851	22,959	4	1,124,991	3	1,193,868	3	1.70E+18	22,959
7,852	850	6	1,151,484,375	2	36,125	4	1.70E+18	425
7,853	1,092	6	9,828	4	1,305,748,080	2	1.70E+18	1,092
7,854	1,156,576	3	542,145	3	36,143	4	1.71E+18	36,143
7,855	3,903	5	29,923	4	1,306,687,972	2	1.71E+18	1,301
7,856	1,193,049	3	216,918	3	36,153	4	1.71E+18	36,153
7,857	26,592	4	1,099,986,944	2	4,432	5	1.71E+18	4,432
7,858	1,596	5	1,304,740,640	2	36,176	4	1.71E+18	532
7,859	35,208	4	563,328	3	1,197,072	3	1.72E+18	35,208
7,860	13,311	4	1,299,339,954	2	4,437	5	1.72E+18	4,437
7,861	387	7	748,845	3	1,198,152	3	1.72E+18	387
7,862	34,732	4	642,542	3	1,198,254	3	1.72E+18	17,366
7,863	3,150	5	1,188,219,375	2	36,225	4	1.72E+18	1,575
7,864	9,855	4	1,309,335,300	2	1,095	6	1.72E+18	1,095
7,865	16,207	4	1,183,111	3	1,199,318	3	1.73E+18	16,207
7,866	30,374	4	956,781	3	1,199,773	3	1.73E+18	15,187
7,867	1,087,830	3	761,481	3	36,261	4	1.73E+18	36,261
7,868	1,197,240	3	253,960	3	36,280	4	1.73E+18	36,280
7,869	1,092	6	14,196	4	1,317,672,720	2	1.74E+18	1,092
7,870	3,822	5	960,455,223	2	36,309	4	1.74E+18	1,911
7,871	3,872	5	3,872	5	1,319,329,792	2	1.74E+18	3,872
7,872	331	7	1,095,610	3	1,205,171	3	1.75E+18	331
7,873	938,492	3	964,361,736	2	404	7	1.76E+18	404
7,874	35,656	4	377,432,131	2	4,457	5	1.76E+18	4,457
7,875	1,202,817	3	291,592	3	36,449	4	1.76E+18	36,449
7,876	2,194	5	36,201	4	1,329,766,945	2	1.77E+18	1,097
7,877	104	9	703,040	3	1,330,714,112	2	1.77E+18	104
7,878	22,345	4	1,238,261,582	2	4,469	5	1.78E+18	4,469
7,879	4,440	5	15,540	4	1,335,596,400	2	1.78E+18	2,220
7,880	4,061	5	824,586,050	2	36,549	4	1.78E+18	4,061
7,881	1,060,124	3	840,788	3	36,556	4	1.79E+18	36,556
7,882	3,047	5	1,234,799,797	2	36,564	4	1.79E+18	3,047
7,883	105	9	22,050	4	1,337,056,875	2	1.79E+18	105
7,884	29,617	4	1,006,978	3	1,214,297	3	1.79E+18	29,617
7,885	3,640	5	32,760	4	1,338,209,600	2	1.79E+18	3,640
7,886	4,473	5	8,946	4	1,340,517,843	2	1.80E+18	4,473
7,887	3,820	5	31,515	4	1,341,588,775	2	1.80E+18	955

FermatCatalan

7,888	1,136,150	3	696,350	3	36,650	4	1.80E+18	36,650
7,889	17,924	4	1,305,158,465	2	4,481	5	1.81E+18	4,481
7,890	1,209,978	3	329,994	3	36,666	4	1.81E+18	36,666
7,891	368	7	946,884,608	2	1,218,816	3	1.81E+18	368
7,892	368	7	946,884,608	2	1,104	6	1.81E+18	368
7,893	25,408	4	1,117,952	3	1,219,584	3	1.81E+18	25,408
7,894	27,125	4	1,085,000	3	1,220,625	3	1.82E+18	27,125
7,895	34,875	4	697,500	3	1,220,625	3	1.82E+18	34,875
7,896	14,365	4	1,333,359,300	2	1,105	6	1.82E+18	1,105
7,897	26,520	4	1,151,426,575	2	1,105	6	1.82E+18	1,105
7,898	1,200,010	3	453,065	3	36,735	4	1.82E+18	12,245
7,899	4,488	5	4,488	4	1,349,523,648	2	1.82E+18	4,488
7,900	35,929	4	538,935	3	1,221,586	3	1.82E+18	35,929
7,901	4,488	5	7,854	4	1,350,782,532	2	1.82E+18	1,122
7,902	4,490	4	1,350,726,700	2	4,490	5	1.82E+18	4,490
7,903	391	7	657,541,181	2	1,223,048	3	1.83E+18	391
7,904	33,077	4	860,002	3	1,223,849	3	1.83E+18	33,077
7,905	35,968	4	404,280,320	2	4,496	5	1.84E+18	4,496
7,906	2,768	5	35,984	4	1,356,142,848	2	1.84E+18	2,768
7,907	155	7	1,355,490,500	2	1,225,275	3	1.84E+18	155
7,908	6	20	1,224,720	3	1,356,709,824	2	1.84E+18	6
7,909	36	10	1,224,720	3	1,356,709,824	2	1.84E+18	36
7,910	31,701	4	940,463	3	1,225,772	3	1.84E+18	10,567
7,911	36,783	4	232,959	3	1,226,100	3	1.84E+18	12,261
7,912	768	6	1,179,648	3	192	8	1.85E+18	192
7,913	768	6	1,179,648	3	36,864	4	1.85E+18	768
7,914	552,960	3	1,295,253,504	2	192	8	1.85E+18	192
7,915	1,179,648	3	589,824	3	192	8	1.85E+18	192
7,916	1,179,648	3	589,824	3	36,864	4	1.85E+18	36,864
7,917	1,179,648	3	452,984,832	2	192	8	1.85E+18	192
7,918	814	6	1,159,543	3	407	7	1.85E+18	407
7,919	1,159,543	3	662,596	3	407	7	1.85E+18	407
7,920	1,159,543	3	539,353,144	2	407	7	1.85E+18	407
7,921	24,444	4	1,142,946	3	1,227,618	3	1.85E+18	126
7,922	9,010	4	1,359,766,675	2	4,505	5	1.86E+18	4,505
7,923	1,104	6	14,720	4	1,362,907,136	2	1.86E+18	368
7,924	1,218,921	3	369,370	3	36,937	4	1.86E+18	36,937
7,925	36,738	4	349,011	3	1,230,723	3	1.86E+18	18,369
7,926	1,760	5	1,359,846,400	2	36,960	4	1.87E+18	1,760
7,927	2,980	5	35,760	4	1,367,581,600	2	1.87E+18	2,980
7,928	33,075	4	878,850	3	1,233,225	3	1.88E+18	4,725
7,929	1,034,881	3	916,760	3	37,023	4	1.88E+18	1,763
7,930	31,619	4	938,551,294	2	4,517	5	1.88E+18	4,517
7,931	36,663	4	271,550,620	2	1,111	6	1.88E+18	1,111
7,932	332,928	3	1,358,346,240	2	408	7	1.88E+18	408
7,933	1,235,200	3	98,816	3	37,056	4	1.89E+18	12,352
7,934	3,975	5	949,793,125	2	37,100	4	1.89E+18	1,325
7,935	4,314	5	25,165	4	1,376,667,143	2	1.90E+18	719
7,936	36,114	4	589,862	3	1,239,914	3	1.91E+18	12,038

FermatCatalan

7,937	28,854	4	1,067,598	3	1,240,722	3	1.91E+18	28,854
7,938	34,489	4	793,247	3	1,241,604	3	1.91E+18	34,489
7,939	4,416	5	22,080	4	1,384,574,976	2	1.92E+18	4,416
7,940	1,768	5	37,128	4	1,384,740,032	2	1.92E+18	1,768
7,941	3,456	5	34,560	4	1,385,496,576	2	1.92E+18	3,456
7,942	2,376	5	1,358,026,560	2	37,224	4	1.92E+18	792
7,943	1,061,424	3	898,128	3	4,536	5	1.92E+18	4,536
7,944	36,560	4	511,840	3	1,243,040	3	1.92E+18	36,560
7,945	36,296	4	432,271,749	2	4,537	5	1.92E+18	4,537
7,946	4,508	5	15,778	4	1,386,980,868	2	1.92E+18	2,254
7,947	1,005,993	3	968,734	3	37,259	4	1.93E+18	37,259
7,948	1,229,844	3	409,948	3	37,268	4	1.93E+18	37,268
7,949	303	7	1,193,517	3	1,390,906,350	2	1.93E+18	303
7,950	27,270	4	1,177,450,425	2	4,545	5	1.94E+18	4,545
7,951	700	6	36,750	4	1,393,437,500	2	1.94E+18	350
7,952	16,651	4	1,232,174	3	1,248,825	3	1.95E+18	16,651
7,953	31,232	4	999,424	3	1,249,280	3	1.95E+18	31,232
7,954	4,536	5	171,927,360	2	37,368	4	1.95E+18	216
7,955	32,920	4	921,760	3	1,250,960	3	1.96E+18	32,920
7,956	4,505	5	18,020	4	1,400,356,725	2	1.96E+18	4,505
7,957	4,160	5	29,120	4	37,440	4	1.96E+18	4,160
7,958	4,160	5	29,120	4	1,401,753,600	2	1.96E+18	4,160
7,959	4,160	5	847,974,400	2	37,440	4	1.96E+18	4,160
7,960	3,405	5	1,228,966,650	2	37,455	4	1.97E+18	3,405
7,961	20,888	4	1,211,504	3	1,253,280	3	1.97E+18	20,888
7,962	4,543	5	13,629	4	1,403,441,732	2	1.97E+18	4,543
7,963	4,560	5	760	4	1,404,145,600	2	1.97E+18	760
7,964	4,329	5	25,974	4	1,405,518,075	2	1.98E+18	4,329
7,965	390	7	845,676	3	1,406,097,576	2	1.98E+18	78
7,966	375	7	966,796,875	2	37,500	4	1.98E+18	375
7,967	12,500	4	1,250,000	3	37,500	4	1.98E+18	12,500
7,968	1,065	6	26,838	4	1,406,393,631	2	1.98E+18	213
7,969	1,245,699	3	355,914	3	4,563	5	1.98E+18	4,563
7,970	136	8	36,992	4	1,257,728	3	1.99E+18	136
7,971	136	8	1,368,408,064	2	1,257,728	3	1.99E+18	136
7,972	36,992	4	18,496	4	1,257,728	3	1.99E+18	18,496
7,973	4,260	5	27,690	4	1,410,975,900	2	1.99E+18	2,130
7,974	13,710	4	1,399,288,300	2	4,570	5	1.99E+18	4,570
7,975	1,052,156	3	939,425	3	37,577	4	1.99E+18	37,577
7,976	1,122	5	1,412,153,127	2	37,587	4	2.00E+18	561
7,977	4,422	5	552,402,873	2	37,587	4	2.00E+18	2,211
7,978	3,759	5	1,116,276,399	2	37,590	4	2.00E+18	3,759
7,979	37,592	4	56,388	3	1,259,332	3	2.00E+18	18,796
7,980	32,319	4	969,570	3	1,260,441	3	2.00E+18	32,319
7,981	36,016	4	684,304	3	1,260,560	3	2.00E+18	36,016
7,982	37,107	4	482,391	3	1,261,638	3	2.01E+18	37,107
7,983	1,129,440	3	828,256	3	37,648	4	2.01E+18	37,648
7,984	60	10	1,120,000	3	1,417,600,000	2	2.01E+18	20
7,985	105	9	771,750	3	1,418,090,625	2	2.01E+18	105

FermatCatalan

7,986	33,852	4	887,530	3	1,262,506	3	2.01E+18	434
7,987	4,575	5	1,525	5	1,418,631,250	2	2.01E+18	1,525
7,988	1,242,945	3	451,980	3	37,665	4	2.01E+18	37,665
7,989	1,018,464	3	979,083,392	2	412	7	2.02E+18	412
7,990	36,640	4	461,480,800	2	4,580	5	2.02E+18	4,580
7,991	1,205,792	3	640,577	3	37,681	4	2.02E+18	37,681
7,992	580	6	1,407,834,000	2	37,700	4	2.02E+18	580
7,993	2,695	5	1,372,711,725	2	37,730	4	2.03E+18	2,695
7,994	23,877	4	1,193,850	3	1,265,481	3	2.03E+18	23,877
7,995	33,750	4	854,296,875	2	1,125	6	2.03E+18	1,125
7,996	4,590	5	2,295	4	1,427,363,775	2	2.04E+18	2,295
7,997	1,080	6	25,920	4	1,427,673,600	2	2.04E+18	1,080
7,998	1,171,521	3	755,820	3	37,791	4	2.04E+18	37,791
7,999	22,970	4	1,329,604,668	2	4,594	5	2.05E+18	4,594
8,000	4,450	5	549,519,375	2	37,825	4	2.05E+18	2,225
8,001	4,537	5	503,607	3	1,270,360	3	2.05E+18	4,537
8,002	271	7	1,248,497	3	1,432,980,792	2	2.05E+18	271
8,003	1,268,645	3	246,155	3	37,870	4	2.06E+18	18,935
8,004	140	8	1,385,720,000	2	1,274,000	3	2.07E+18	140
8,005	37,863	4	252,420	3	1,274,721	3	2.07E+18	12,621
8,006	2,156	5	37,730	4	1,439,822,076	2	2.07E+18	1,078
8,007	190	8	722,000	3	1,440,390,000	2	2.07E+18	190
8,008	4,004	5	32,032	4	1,442,881,440	2	2.08E+18	4,004
8,009	32,270	4	998,848,700	2	4,610	5	2.08E+18	4,610
8,010	856,980	3	1,206,285,048	2	414	7	2.08E+18	414
8,011	96	8	4,608	5	1,443,889,152	2	2.08E+18	96
8,012	4,608	5	9,216	4	1,443,889,152	2	2.08E+18	4,608
8,013	37,576	4	450,912	3	1,277,584	3	2.09E+18	37,576
8,014	18,448	4	1,403,855,904	2	4,612	5	2.09E+18	4,612
8,015	28	12	1,229,312	3	1,445,670,912	2	2.09E+18	28
8,016	29,575	4	1,098,500	3	38,025	4	2.09E+18	4,225
8,017	29,575	4	1,098,500	3	195	8	2.09E+18	65
8,018	237,276	3	1,441,273,743	2	195	8	2.09E+18	39
8,019	988,650	3	1,060,327,125	2	195	8	2.09E+18	195
8,020	1,098,500	3	874,680,625	2	195	8	2.09E+18	65
8,021	1,140,750	3	778,561,875	2	195	8	2.09E+18	195
8,022	1,236,690	3	589,806	3	38,052	4	2.10E+18	19,026
8,023	32,000	4	32,000	4	1,280,000	3	2.10E+18	32,000
8,024	3,174	5	36,501	4	1,448,177,175	2	2.10E+18	1,587
8,025	4,616	5	86,561,540	2	38,082	4	2.10E+18	1,154
8,026	98	9	33,614	4	1,452,729,852	2	2.11E+18	98
8,027	4,623	5	4,623	4	1,453,304,772	2	2.11E+18	4,623
8,028	1,258,422	3	495,742	3	38,134	4	2.11E+18	38,134
8,029	37,032	4	617,200	3	1,283,776	3	2.12E+18	12,344
8,030	4,625	4	1,454,562,500	2	4,625	5	2.12E+18	4,625
8,031	37,000	4	491,984,375	2	4,625	5	2.12E+18	4,625
8,032	1,285,124	3	89,068	3	38,172	4	2.12E+18	12,724
8,033	4,584	5	324,534,976	2	38,200	4	2.13E+18	1,528
8,034	1,108,177	3	917,112	3	38,213	4	2.13E+18	38,213

FermatCatalan

8,035	15	15	1,304,859,375	2	38,250	4	2.14E+18	15
8,036	3,375	5	1,304,859,375	2	38,250	4	2.14E+18	1,125
8,037	414	7	621	6	1,463,507,595	2	2.14E+18	207
8,038	414	7	385,641	3	1,463,507,595	2	2.14E+18	207
8,039	9,280	4	1,464,012,800	2	4,640	5	2.15E+18	4,640
8,040	37,973	4	417,703	3	1,291,082	3	2.15E+18	37,973
8,041	4,257	5	869,858,352	2	38,313	4	2.15E+18	4,257
8,042	1,156,356	3	849,852	3	4,644	5	2.16E+18	4,644
8,043	174	8	1,097,505	3	1,470,437,199	2	2.16E+18	87
8,044	1,293,516	3	137,025	3	38,367	4	2.17E+18	5,481
8,045	4,338	5	28,197	4	1,472,527,593	2	2.17E+18	2,169
8,046	3,315	5	36,465	4	1,472,556,150	2	2.17E+18	3,315
8,047	4,650	5	3,875	4	1,474,534,375	2	2.17E+18	775
8,048	960	6	1,179,648,000	2	38,400	4	2.17E+18	960
8,049	32,943	4	999,271	3	1,295,758	3	2.18E+18	10,981
8,050	35,028	4	875,700	3	1,296,036	3	2.18E+18	35,028
8,051	36,008	4	792,176	3	1,296,288	3	2.18E+18	36,008
8,052	4,050	5	4,050	5	1,476,225,000	2	2.18E+18	4,050
8,053	37,043	4	666,774	3	1,296,505	3	2.18E+18	37,043
8,054	2,790	5	37,665	4	1,477,032,975	2	2.18E+18	1,395
8,055	4,658	5	2,329	4	1,480,817,793	2	2.19E+18	2,329
8,056	17,101	4	1,282,575	3	1,299,676	3	2.20E+18	17,101
8,057	26,524	4	1,193,580	3	1,299,676	3	2.20E+18	26,524
8,058	2,961	5	1,402,803,360	2	38,493	4	2.20E+18	2,961
8,059	4,392	5	825,696	3	1,300,032	3	2.20E+18	4,392
8,060	27,960	4	1,259,504,800	2	4,660	5	2.20E+18	4,660
8,061	2,852	5	1,417,332,772	2	38,502	4	2.20E+18	1,426
8,062	1,088,613	3	968,139	3	38,502	4	2.20E+18	621
8,063	32,102	4	1,043,315	3	1,300,131	3	2.20E+18	16,051
8,064	38,304	4	383,040	3	1,302,336	3	2.21E+18	38,304
8,065	288	7	1,433,272,320	2	12	17	2.22E+18	12
8,066	1,235,200	3	694,800	3	38,600	4	2.22E+18	38,600
8,067	414	7	514,188	3	1,490,116,824	2	2.22E+18	414
8,068	1,287,500	3	450,625	3	38,625	4	2.23E+18	12,875
8,069	37,376	4	523,862,016	2	4,672	5	2.23E+18	4,672
8,070	3,948	5	33,558	4	1,492,426,908	2	2.23E+18	1,974
8,071	28,415	4	1,165,015	3	1,307,090	3	2.23E+18	28,415
8,072	1,276,473	3	541,534	3	38,681	4	2.24E+18	38,681
8,073	4,559	5	22,795	4	1,496,482,632	2	2.24E+18	4,559
8,074	244	7	1,481,731,968	2	1,309,792	3	2.25E+18	244
8,075	2	56	1,476,395,008	2	1,310,720	3	2.25E+18	2
8,076	4	28	1,476,395,008	2	1,310,720	3	2.25E+18	4
8,077	16	14	1,476,395,008	2	1,310,720	3	2.25E+18	16
8,078	128	8	1,476,395,008	2	1,310,720	3	2.25E+18	128
8,079	256	7	1,476,395,008	2	1,310,720	3	2.25E+18	256
8,080	31,213	4	1,092,455	3	1,310,946	3	2.25E+18	31,213
8,081	11,908	4	1,494,411,177	2	1,145	6	2.25E+18	229
8,082	38,575	4	347,175	3	1,311,550	3	2.26E+18	38,575
8,083	3,843	5	34,587	4	1,506,402,198	2	2.27E+18	3,843

FermatCatalan

8,084	4,524	5	24,882	4	1,509,409,980	2	2.28E+18	2,262
8,085	4,644	5	18,576	4	1,509,671,520	2	2.28E+18	4,644
8,086	4,680	5	14,040	4	1,511,265,600	2	2.28E+18	4,680
8,087	104	9	951,808	3	1,511,817,216	2	2.29E+18	104
8,088	1,342	5	1,510,558,555	2	4,697	5	2.29E+18	671
8,089	21,602	4	1,274,518	3	1,317,722	3	2.29E+18	21,602
8,090	35,910	4	856,710	3	1,318,410	3	2.29E+18	5,130
8,091	38,792	4	310,336	3	1,318,928	3	2.29E+18	38,792
8,092	404	7	816,080	3	1,516,603,072	2	2.30E+18	404
8,093	4,680	5	15,496	4	1,517,473,984	2	2.30E+18	104
8,094	1,568	5	1,514,512,384	2	4,704	5	2.30E+18	1,568
8,095	1,317,120	3	263,424	3	4,704	5	2.30E+18	4,704
8,096	14,115	4	1,505,317,700	2	4,705	5	2.31E+18	4,705
8,097	32,935	4	1,062,577,200	2	4,705	5	2.31E+18	4,705
8,098	2	60	2	60	2	61	2.31E+18	2
8,099	2	60	4	30	2	61	2.31E+18	2
8,100	2	60	8	20	2	61	2.31E+18	2
8,101	2	60	16	15	2	61	2.31E+18	2
8,102	2	60	32	12	2	61	2.31E+18	2
8,103	2	60	64	10	2	61	2.31E+18	2
8,104	2	60	1,024	6	2	61	2.31E+18	2
8,105	2	60	4,096	5	2	61	2.31E+18	2
8,106	2	60	32,768	4	2	61	2.31E+18	2
8,107	2	60	1,048,576	3	2	61	2.31E+18	2
8,108	2	60	1,073,741,824	2	2	61	2.31E+18	2
8,109	4	30	4	30	2	61	2.31E+18	2
8,110	4	30	8	20	2	61	2.31E+18	2
8,111	4	30	16	15	2	61	2.31E+18	2
8,112	4	30	32	12	2	61	2.31E+18	2
8,113	4	30	64	10	2	61	2.31E+18	2
8,114	4	30	1,024	6	2	61	2.31E+18	2
8,115	4	30	4,096	5	2	61	2.31E+18	2
8,116	4	30	32,768	4	2	61	2.31E+18	2
8,117	4	30	1,048,576	3	2	61	2.31E+18	2
8,118	4	30	1,073,741,824	2	2	61	2.31E+18	2
8,119	8	20	8	20	2	61	2.31E+18	2
8,120	8	20	16	15	2	61	2.31E+18	2
8,121	8	20	32	12	2	61	2.31E+18	2
8,122	8	20	64	10	2	61	2.31E+18	2
8,123	8	20	1,024	6	2	61	2.31E+18	2
8,124	8	20	4,096	5	2	61	2.31E+18	2
8,125	8	20	32,768	4	2	61	2.31E+18	2
8,126	8	20	1,048,576	3	2	61	2.31E+18	2
8,127	8	20	1,073,741,824	2	2	61	2.31E+18	2
8,128	16	15	16	15	2	61	2.31E+18	2
8,129	16	15	32	12	2	61	2.31E+18	2
8,130	16	15	64	10	2	61	2.31E+18	2
8,131	16	15	1,024	6	2	61	2.31E+18	2
8,132	16	15	4,096	5	2	61	2.31E+18	2

FermatCatalan

8,133	16	15	32,768	4	2	61	2.31E+18	2
8,134	16	15	1,048,576	3	2	61	2.31E+18	2
8,135	16	15	1,073,741,824	2	2	61	2.31E+18	2
8,136	32	12	32	12	2	61	2.31E+18	2
8,137	32	12	64	10	2	61	2.31E+18	2
8,138	32	12	1,024	6	2	61	2.31E+18	2
8,139	32	12	4,096	5	2	61	2.31E+18	2
8,140	32	12	32,768	4	2	61	2.31E+18	2
8,141	32	12	1,048,576	3	2	61	2.31E+18	2
8,142	32	12	1,073,741,824	2	2	61	2.31E+18	2
8,143	64	10	64	10	2	61	2.31E+18	2
8,144	64	10	1,024	6	2	61	2.31E+18	2
8,145	64	10	4,096	5	2	61	2.31E+18	2
8,146	64	10	32,768	4	2	61	2.31E+18	2
8,147	64	10	1,048,576	3	2	61	2.31E+18	2
8,148	64	10	1,073,741,824	2	2	61	2.31E+18	2
8,149	1,024	6	1,024	6	2	61	2.31E+18	2
8,150	1,024	6	4,096	5	2	61	2.31E+18	2
8,151	1,024	6	32,768	4	2	61	2.31E+18	2
8,152	1,024	6	1,048,576	3	2	61	2.31E+18	2
8,153	1,024	6	1,073,741,824	2	2	61	2.31E+18	2
8,154	4,096	5	4,096	5	2	61	2.31E+18	2
8,155	4,096	5	32,768	4	2	61	2.31E+18	2
8,156	4,096	5	1,048,576	3	2	61	2.31E+18	2
8,157	4,096	5	1,073,741,824	2	2	61	2.31E+18	2
8,158	32,768	4	32,768	4	2	61	2.31E+18	2
8,159	32,768	4	1,048,576	3	2	61	2.31E+18	2
8,160	32,768	4	1,073,741,824	2	2	61	2.31E+18	2
8,161	1,048,576	3	1,048,576	3	2	61	2.31E+18	2
8,162	1,048,576	3	1,073,741,824	2	2	61	2.31E+18	2
8,163	4,032	5	1,114,509,312	2	38,976	4	2.31E+18	1,344
8,164	2,296	5	1,502,410,560	2	39,032	4	2.32E+18	2,296
8,165	38,961	4	272,727	3	1,324,674	3	2.32E+18	38,961
8,166	1,210,612	3	820,092	3	39,052	4	2.33E+18	39,052
8,167	37,324	4	727,818	3	1,325,002	3	2.33E+18	18,662
8,168	4,480	5	26,880	4	1,525,350,400	2	2.33E+18	4,480
8,169	4,689	5	254,068,776	2	39,075	4	2.33E+18	1,563
8,170	4,608	5	509,607,936	2	1,152	6	2.34E+18	1,152
8,171	972	6	34,992	4	1,530,550,080	2	2.34E+18	972
8,172	207	7	1,525,595,796	2	1,328,319	3	2.34E+18	207
8,173	23,605	4	1,426,421,824	2	4,721	5	2.35E+18	4,721
8,174	37,768	4	23,605	4	4,721	5	2.35E+18	4,721
8,175	37,768	4	557,196,025	2	4,721	5	2.35E+18	4,721
8,176	37,962	4	645,354	3	1,328,670	3	2.35E+18	37,962
8,177	105	9	926,100	3	1,531,537,875	2	2.35E+18	105
8,178	39,088	4	234,528	3	1,328,992	3	2.35E+18	39,088
8,179	4,323	5	30,261	4	1,532,442,978	2	2.35E+18	4,323
8,180	3,916	5	1,196,134,368	2	39,160	4	2.35E+18	3,916
8,181	1,175,010	3	900,841	3	39,167	4	2.35E+18	39,167

FermatCatalan

8,182	4,352	5	890,175,488	2	39,168	4	2.35E+18	4,352
8,183	33,573	4	1,029,572	3	1,331,729	3	2.36E+18	11,191
8,184	617,463	3	1,458,359,397	2	198	8	2.36E+18	99
8,185	39,179	4	195,895	3	1,332,086	3	2.36E+18	39,179
8,186	198	8	77,623,920	2	1,332,936	3	2.37E+18	198
8,187	360	7	1,080	6	1,539,648,000	2	2.37E+18	360
8,188	360	7	1,166,400	3	1,539,648,000	2	2.37E+18	360
8,189	30,312	4	1,151,856	3	1,333,728	3	2.37E+18	30,312
8,190	39,240	4	156,960	3	1,334,160	3	2.37E+18	39,240
8,191	39,277	4	117,831	3	1,335,418	3	2.38E+18	39,277
8,192	1,335,630	3	89,042	3	422	7	2.38E+18	422
8,193	4,704	5	432,768	3	1,335,936	3	2.38E+18	4,704
8,194	39,296	4	78,592	3	1,336,064	3	2.38E+18	39,296
8,195	39,303	4	39,303	3	1,336,302	3	2.39E+18	39,303
8,196	1,336,370	3	39,305	3	39,305	4	2.39E+18	39,305
8,197	1,297,296	3	589,680	3	39,312	4	2.39E+18	39,312
8,198	1,336,608	3	78,624	3	39,312	4	2.39E+18	39,312
8,199	35,189	4	950,103	3	1,337,182	3	2.39E+18	35,189
8,200	1,337,254	3	117,993	3	39,331	4	2.39E+18	39,331
8,201	4,740	5	5,530	4	1,547,143,900	2	2.39E+18	790
8,202	1,457	5	1,545,434,072	2	39,339	4	2.39E+18	1,457
8,203	990	6	34,749	4	1,549,038,249	2	2.40E+18	99
8,204	3,100	5	38,130	4	1,549,228,100	2	2.40E+18	310
8,205	1,062,882	3	1,062,882	3	39,366	4	2.40E+18	39,366
8,206	1,338,512	3	157,472	3	39,368	4	2.40E+18	39,368
8,207	4,632	5	520,294,032	2	39,372	4	2.40E+18	2,316
8,208	18,980	4	1,508,506,675	2	4,745	5	2.41E+18	4,745
8,209	24,813	4	1,265,463	3	1,339,902	3	2.41E+18	24,813
8,210	1,076,496	3	1,050,240	3	39,384	4	2.41E+18	13,128
8,211	386	7	1,042,972	3	1,552,836,312	2	2.41E+18	386
8,212	386	7	1,042,972	3	1,340,964	3	2.41E+18	386
8,213	386	7	1,042,972	3	1,158	6	2.41E+18	386
8,214	4,745	5	9,490	4	1,553,536,725	2	2.41E+18	4,745
8,215	1,459	5	39,393	4	1,553,937,130	2	2.41E+18	1,459
8,216	4,744	5	10,674	4	1,554,288,580	2	2.42E+18	1,186
8,217	1,340,586	3	197,145	3	39,429	4	2.42E+18	39,429
8,218	1,091,118	3	1,038,534	3	39,438	4	2.42E+18	13,146
8,219	1,345,113	3	95,634	3	39,501	4	2.43E+18	2,079
8,220	4,560	5	683,878,400	2	39,520	4	2.44E+18	1,520
8,221	1,343,680	3	237,120	3	39,520	4	2.44E+18	39,520
8,222	37,395	4	785,295	3	1,346,220	3	2.44E+18	37,395
8,223	1,106,784	3	1,027,728	3	39,528	4	2.44E+18	39,528
8,224	218	7	1,342,553	3	1,563,100,003	2	2.44E+18	109
8,225	4,760	5	4,760	4	1,563,374,400	2	2.44E+18	4,760
8,226	4,762	4	1,564,688,436	2	4,762	5	2.45E+18	4,762
8,227	2,040	5	1,554,940,224	2	39,576	4	2.45E+18	408
8,228	4,656	5	514,860,480	2	39,576	4	2.45E+18	2,328
8,229	1,333,705	3	448,970	3	39,615	4	2.46E+18	13,205
8,230	1,258,432	3	686,025,216	2	424	7	2.46E+18	424

FermatCatalan

8,231	4,598	5	25,289	4	1,569,764,097	2	2.46E+18	2,299
8,232	1,268,064	3	752,913	3	39,627	4	2.47E+18	39,627
8,233	17,557	4	1,334,332	3	1,351,889	3	2.47E+18	17,557
8,234	1,347,998	3	277,529	3	39,647	4	2.47E+18	39,647
8,235	1,123,530	3	1,017,786	3	39,654	4	2.47E+18	13,218
8,236	32,984	4	1,088,472	3	1,352,344	3	2.47E+18	32,984
8,237	38,176	4	592,071,584	2	4,772	5	2.47E+18	4,772
8,238	4,044	5	34,374	4	1,574,066,340	2	2.48E+18	2,022
8,239	26	12	1,544,578,880	2	26	13	2.48E+18	26
8,240	676	6	1,544,578,880	2	26	13	2.48E+18	26
8,241	17,576	4	1,544,578,880	2	26	13	2.48E+18	26
8,242	456,976	3	1,544,578,880	2	26	13	2.48E+18	26
8,243	9,554	4	1,574,561,301	2	4,777	5	2.49E+18	4,777
8,244	28,662	4	1,346,364,011	2	4,777	5	2.49E+18	4,777
8,245	3,312	5	1,447,953,408	2	39,744	4	2.50E+18	3,312
8,246	38,779	4	620,464	3	1,357,265	3	2.50E+18	38,779
8,247	3,616	5	1,372,922,880	2	39,776	4	2.50E+18	3,616
8,248	412	7	699,345,280	2	1,357,952	3	2.50E+18	412
8,249	850	6	1,458,546,875	2	425	7	2.50E+18	425
8,250	722,500	3	1,458,546,875	2	425	7	2.50E+18	425
8,251	2,793	5	39,102	4	1,583,572,347	2	2.51E+18	2,793
8,252	69	10	15,870	4	1,584,179,901	2	2.51E+18	69
8,253	4,761	5	15,870	4	1,584,179,901	2	2.51E+18	1,587
8,254	4,375	5	968,750	3	1,359,375	3	2.51E+18	625
8,255	1,141,392	3	1,008,672	3	39,816	4	2.51E+18	13,272
8,256	1,353,744	3	318,528	3	39,816	4	2.51E+18	39,816
8,257	4,774	5	2,046	5	1,586,072,840	2	2.52E+18	682
8,258	2,328	5	39,576	4	1,587,938,112	2	2.52E+18	2,328
8,259	3,318	5	38,157	4	1,588,066,137	2	2.52E+18	1,659
8,260	34,930	4	1,012,970	3	1,362,270	3	2.53E+18	34,930
8,261	36,829	4	883,896	3	1,362,673	3	2.53E+18	36,829
8,262	66	10	982,948,824	2	1,363,428	3	2.53E+18	66
8,263	3,689	5	36,890	4	1,592,220,357	2	2.54E+18	3,689
8,264	4,185	5	33,480	4	1,593,794,475	2	2.54E+18	4,185
8,265	660	6	39,600	4	1,594,296,000	2	2.54E+18	660
8,266	2,664	5	1,554,220,224	2	39,960	4	2.55E+18	2,664
8,267	7	21	1,412,376,245	2	4,802	5	2.55E+18	7
8,268	343	7	1,412,376,245	2	4,802	5	2.55E+18	343
8,269	33,614	4	33,614	4	4,802	5	2.55E+18	4,802
8,270	33,614	4	1,129,900,996	2	4,802	5	2.55E+18	4,802
8,271	615	6	1,580,980,500	2	39,975	4	2.55E+18	615
8,272	1,081	6	981,591,240	2	39,997	4	2.56E+18	1,081
8,273	20	14	960,000,000	2	40,000	4	2.56E+18	20
8,274	20	14	960,000,000	2	200	8	2.56E+18	20
8,275	400	7	960,000,000	2	40,000	4	2.56E+18	400
8,276	400	7	960,000,000	2	200	8	2.56E+18	200
8,277	3,150	5	1,500,381,225	2	40,005	4	2.56E+18	315
8,278	4,445	5	908,869,150	2	40,005	4	2.56E+18	4,445
8,279	34,209	4	1,060,479	3	1,368,360	3	2.56E+18	34,209

FermatCatalan

8,280	1,160,406	3	1,000,350	3	40,014	4	2.56E+18	40,014
8,281	1,057	6	1,081,314,624	2	40,015	4	2.56E+18	151
8,282	1,321,089	3	640,528	3	40,033	4	2.57E+18	40,033
8,283	1,361,122	3	360,297	3	40,033	4	2.57E+18	40,033
8,284	1,170	6	10,296	4	1,605,117,384	2	2.58E+18	234
8,285	26	13	26	12	1,370,928	3	2.58E+18	26
8,286	26	13	676	6	1,370,928	3	2.58E+18	26
8,287	26	13	17,576	4	1,370,928	3	2.58E+18	26
8,288	26	13	456,976	3	1,370,928	3	2.58E+18	26
8,289	26	13	308,915,776	2	1,370,928	3	2.58E+18	26
8,290	2,430	5	1,581,036,975	2	40,095	4	2.58E+18	1,215
8,291	546,987	3	1,557,089,660	2	427	7	2.59E+18	427
8,292	2	61	2	58	1,610,612,736	2	2.59E+18	2
8,293	2	61	4	29	1,610,612,736	2	2.59E+18	2
8,294	4,738	5	21,321	4	1,610,690,207	2	2.59E+18	2,369
8,295	38,904	4	674,336	3	1,374,608	3	2.60E+18	12,968
8,296	154	8	1,512,037,296	2	1,375,528	3	2.60E+18	154
8,297	40,077	4	293,898	3	1,375,977	3	2.61E+18	13,359
8,298	4,704	5	23,520	4	1,615,315,968	2	2.61E+18	4,704
8,299	39,906	4	419,013	3	1,376,757	3	2.61E+18	19,953
8,300	38,600	4	628,576,875	2	4,825	5	2.62E+18	4,825
8,301	1,180,608	3	992,784	3	40,248	4	2.62E+18	13,416
8,302	110	9	516,428,000	2	1,379,400	3	2.62E+18	110
8,303	1,370,336	3	403,040	3	40,304	4	2.64E+18	40,304
8,304	4,826	5	12,065	4	1,624,496,751	2	2.64E+18	2,413
8,305	39,500	4	592,500	3	1,382,500	3	2.64E+18	39,500
8,306	4,819	5	14,457	4	1,625,593,270	2	2.64E+18	4,819
8,307	4,785	5	19,140	4	1,625,631,975	2	2.64E+18	4,785
8,308	5,760	4	1,382,400	3	40,320	4	2.64E+18	5,760
8,309	27,664	4	1,272,544	3	1,383,200	3	2.65E+18	27,664
8,310	4,388	5	31,813	4	1,628,212,377	2	2.65E+18	1,097
8,311	22,328	4	1,339,680	3	1,384,336	3	2.65E+18	22,328
8,312	420	7	840	6	1,629,936,000	2	2.66E+18	420
8,313	420	7	705,600	3	1,629,936,000	2	2.66E+18	420
8,314	14,526	4	1,617,702,516	2	4,842	5	2.66E+18	4,842
8,315	239	6	1,631,375,760	2	40,391	4	2.66E+18	239
8,316	1,253,609	3	889,658	3	40,439	4	2.67E+18	40,439
8,317	368	7	1,326,884,352	2	1,388,096	3	2.67E+18	368
8,318	217	7	1,385,426	3	1,637,636,007	2	2.68E+18	7
8,319	24,250	4	1,528,962,500	2	4,850	5	2.68E+18	4,850
8,320	1,389,676	3	67,460	3	40,476	4	2.68E+18	13,492
8,321	38,656	4	773,120	3	1,391,616	3	2.69E+18	38,656
8,322	1,202,034	3	985,938	3	40,518	4	2.70E+18	13,506
8,323	120	8	1,386,000	3	1,644,840,000	2	2.71E+18	120
8,324	2,535	5	1,612,982,475	2	40,560	4	2.71E+18	2,535
8,325	4,270	5	1,134,998,025	2	40,565	4	2.71E+18	2,135
8,326	4,860	5	7,290	4	1,647,467,100	2	2.71E+18	2,430
8,327	4,232	5	4,232	5	1,647,703,808	2	2.71E+18	4,232
8,328	1,381,590	3	446,985	3	40,635	4	2.73E+18	40,635

FermatCatalan

8,329	1,361,574	3	589,338	3	40,644	4	2.73E+18	20,322
8,330	29,735	4	1,248,870	3	1,397,545	3	2.73E+18	29,735
8,331	4,633	5	27,798	4	1,652,781,053	2	2.73E+18	4,633
8,332	3,248	5	39,266	4	1,654,896,252	2	2.74E+18	58
8,333	4,752	5	3,168	5	1,655,976,960	2	2.74E+18	1,584
8,334	4,071	5	1,276,124,157	2	40,710	4	2.75E+18	4,071
8,335	1,304,576	3	815,360	3	40,768	4	2.76E+18	40,768
8,336	19,520	4	1,619,379,200	2	4,880	5	2.77E+18	4,880
8,337	39,040	4	666,803,200	2	4,880	5	2.77E+18	4,880
8,338	40,131	4	561,834	3	1,404,585	3	2.77E+18	40,131
8,339	351,232	3	1,652,195,328	2	112	9	2.77E+18	112
8,340	18,019	4	1,387,463	3	1,405,482	3	2.78E+18	18,019
8,341	34,851	4	1,091,998	3	1,405,657	3	2.78E+18	11,617
8,342	4,536	5	925,888,320	2	40,824	4	2.78E+18	4,536
8,343	1,224,720	3	979,776	3	40,824	4	2.78E+18	40,824
8,344	33,878	4	1,134,913	3	1,405,937	3	2.78E+18	16,939
8,345	375	7	1,318,359,375	2	1,406,250	3	2.78E+18	375
8,346	1,348,050	3	694,450	3	40,850	4	2.78E+18	40,850
8,347	3,026	5	1,590,972,455	2	40,851	4	2.78E+18	1,513
8,348	3,900	5	37,050	4	1,669,297,500	2	2.79E+18	1,950
8,349	4,884	5	9,768	4	1,669,741,920	2	2.79E+18	4,884
8,350	1,160	6	24,360	4	1,669,889,600	2	2.79E+18	1,160
8,351	1,088	6	32,640	4	1,671,446,528	2	2.79E+18	1,088
8,352	4,810	5	21,645	4	1,671,583,225	2	2.79E+18	2,405
8,353	4,810	5	21,645	4	40,885	4	2.79E+18	2,405
8,354	4,810	5	468,506,025	2	40,885	4	2.79E+18	2,405
8,355	4,488	5	31,416	4	1,671,797,952	2	2.79E+18	4,488
8,356	671	6	1,647,882,060	2	40,931	4	2.81E+18	671
8,357	1,119,744	3	1,119,744	3	432	7	2.81E+18	432
8,358	3,289	5	39,468	4	1,676,715,755	2	2.81E+18	3,289
8,359	29,376	4	1,438,248,960	2	4,896	5	2.81E+18	4,896
8,360	32,851	4	1,182,636	3	1,412,593	3	2.82E+18	32,851
8,361	2,157	5	1,665,648,342	2	40,983	4	2.82E+18	2,157
8,362	396	7	1,137,896,100	2	40,986	4	2.82E+18	198
8,363	4,899	5	4,899	4	1,680,014,070	2	2.82E+18	4,899
8,364	4,901	4	1,681,386,070	2	4,901	5	2.83E+18	4,901
8,365	34,307	4	1,200,990,050	2	4,901	5	2.83E+18	4,901
8,366	3,658	5	38,409	4	1,682,656,223	2	2.83E+18	1,829
8,367	1,395,088	3	492,384	3	41,032	4	2.83E+18	41,032
8,368	4,896	5	12,240	4	1,683,949,824	2	2.84E+18	2,448
8,369	3,104	5	1,365,760	3	1,415,424	3	2.84E+18	3,104
8,370	41,048	4	102,620	3	1,416,156	3	2.84E+18	20,524
8,371	1,190	5	1,684,804,975	2	41,055	4	2.84E+18	595
8,372	4,830	5	460,745,775	2	41,055	4	2.84E+18	2,415
8,373	392	7	392	7	1,686,616,064	2	2.84E+18	392
8,374	25,767	4	1,339,884	3	1,417,185	3	2.85E+18	25,767
8,375	37,296	4	969,696	3	1,417,248	3	2.85E+18	37,296
8,376	4,048	5	36,432	4	1,687,789,312	2	2.85E+18	4,048
8,377	2,980	5	40,230	4	1,689,496,100	2	2.85E+18	1,490

FermatCatalan

8,378	17	14	1,641,354,692	2	17	15	2.86E+18	17
8,379	17	14	1,641,354,692	2	4,913	5	2.86E+18	17
8,380	17	14	1,641,354,692	2	1,419,857	3	2.86E+18	17
8,381	289	7	1,641,354,692	2	17	15	2.86E+18	17
8,382	289	7	1,641,354,692	2	4,913	5	2.86E+18	289
8,383	289	7	1,641,354,692	2	1,419,857	3	2.86E+18	289
8,384	1,334,151	3	788,697	3	4,914	5	2.87E+18	2,457
8,385	432	7	15,552	4	1,693,052,928	2	2.87E+18	432
8,386	4,332	5	1,158,814,332	2	41,154	4	2.87E+18	2,166
8,387	1,176	6	474,360,768	2	41,160	4	2.87E+18	1,176
8,388	1,338,680	3	778,120	3	41,160	4	2.87E+18	1,960
8,389	9,832	4	1,691,693,920	2	4,916	5	2.87E+18	4,916
8,390	1,248,702	3	974,262	3	41,166	4	2.87E+18	13,722
8,391	39,858	4	704,158	3	1,421,602	3	2.87E+18	13,286
8,392	4,452	5	1,061,625,033	2	41,181	4	2.88E+18	1,113
8,393	4,728	5	26,792	4	1,696,419,008	2	2.88E+18	1,576
8,394	40,678	4	528,814	3	1,423,730	3	2.89E+18	40,678
8,395	38,486	4	885,178	3	1,423,982	3	2.89E+18	38,486
8,396	1,422,435	3	226,765	3	41,230	4	2.89E+18	20,615
8,397	23	11	1,702,272,803	2	41,262	4	2.90E+18	23
8,398	557,380	3	1,651,374,712	2	434	7	2.90E+18	62
8,399	1,364,924	3	710,468	3	41,272	4	2.90E+18	2,948
8,400	433	7	374,978	3	1,704,837,477	2	2.91E+18	433
8,401	4,930	5	7,395	4	1,707,419,225	2	2.92E+18	2,465
8,402	41,211	4	315,951	3	1,428,648	3	2.92E+18	13,737
8,403	4,680	5	821,948,400	2	41,340	4	2.92E+18	780
8,404	4,008	5	37,074	4	1,709,818,812	2	2.92E+18	1,002
8,405	409	7	1,003,686	3	1,710,448,225	2	2.93E+18	409
8,406	25,392	4	1,584,630,080	2	1,196	6	2.93E+18	92
8,407	31,806	4	1,240,434	3	1,431,270	3	2.93E+18	31,806
8,408	39,496	4	706,845,101	2	4,937	5	2.93E+18	4,937
8,409	104	9	1,230,274,560	2	1,432,064	3	2.94E+18	8
8,410	39,797	4	756,143	3	1,432,692	3	2.94E+18	39,797
8,411	1,860	5	41,385	4	1,719,204,975	2	2.96E+18	465
8,412	12	17	859,963,392	2	41,472	4	2.96E+18	12
8,413	41,475	4	102,700	3	1,435,825	3	2.96E+18	1,975
8,414	2,175	5	41,325	4	1,721,947,500	2	2.97E+18	2,175
8,415	1,411,034	3	539,513	3	41,501	4	2.97E+18	41,501
8,416	1,274,016	3	969,360	3	41,544	4	2.98E+18	13,848
8,417	41,147	4	493,764	3	1,440,145	3	2.99E+18	41,147
8,418	2,736	5	41,040	4	1,729,195,776	2	2.99E+18	2,736
8,419	1,200	6	8,400	4	1,729,440,000	2	2.99E+18	1,200
8,420	1,257,728	3	1,004,924,672	2	204	8	3.00E+18	68
8,421	8,407	4	1,730,881,200	2	1,201	6	3.00E+18	1,201
8,422	4,625	5	941,187,500	2	41,625	4	3.00E+18	4,625
8,423	1,165,780	3	1,124,145	3	41,635	4	3.00E+18	41,635
8,424	3,584	5	39,424	4	1,734,082,560	2	3.01E+18	3,584
8,425	35,499	4	1,124,135	3	1,443,626	3	3.01E+18	11,833
8,426	1,444,352	3	55,552	3	41,664	4	3.01E+18	13,888

FermatCatalan

8,427	3,123	5	40,599	4	1,736,056,962	2	3.01E+18	3,123
8,428	170	8	1,523,030,000	2	1,445,000	3	3.02E+18	170
8,429	1,431,185	3	444,640	3	41,685	4	3.02E+18	13,895
8,430	4,851	5	24,255	4	1,741,382,874	2	3.03E+18	4,851
8,431	4,317	5	1,238,291,158	2	41,731	4	3.03E+18	1,439
8,432	2,585	5	41,360	4	1,744,060,725	2	3.04E+18	2,585
8,433	1,071	6	1,238,804,280	2	41,769	4	3.04E+18	1,071
8,434	1,378,377	3	751,842	3	41,769	4	3.04E+18	41,769
8,435	4,960	5	14,880	4	1,746,713,600	2	3.05E+18	4,960
8,436	198	8	830,575,944	2	1,450,548	3	3.05E+18	198
8,437	119	8	1,444,422	3	1,747,509,883	2	3.05E+18	119
8,438	4,928	5	19,712	4	1,748,533,248	2	3.06E+18	4,928
8,439	14,943	4	1,736,725,270	2	4,981	5	3.07E+18	4,981
8,440	24,905	4	1,637,483,826	2	4,981	5	3.07E+18	4,981
8,441	4,884	5	23,199	4	1,751,738,175	2	3.07E+18	1,221
8,442	23,066	4	1,407,026	3	1,453,158	3	3.07E+18	23,066
8,443	388	7	1,204,352	3	1,752,332,160	2	3.07E+18	388
8,444	41,544	4	456,984	3	1,454,040	3	3.07E+18	41,544
8,445	6	23	38,880	4	1,753,519,104	2	3.07E+18	6
8,446	3,420	5	40,185	4	1,753,728,975	2	3.08E+18	855
8,447	4,368	5	34,944	4	1,755,307,008	2	3.08E+18	4,368
8,448	141	8	1,431,432	3	1,757,619,567	2	3.09E+18	141
8,449	350	7	1,347,500	3	1,757,875,000	2	3.09E+18	350
8,450	37,367	4	1,046,276	3	1,457,313	3	3.09E+18	37,367
8,451	1,300,698	3	965,034	3	41,958	4	3.10E+18	41,958
8,452	1,216,985	3	1,091,090	3	41,965	4	3.10E+18	41,965
8,453	39,968	4	748,800,480	2	4,996	5	3.11E+18	4,996
8,454	105	9	35,350	4	1,764,336,875	2	3.11E+18	35
8,455	40,012	4	820,246	3	1,460,438	3	3.11E+18	20,006
8,456	18,487	4	1,441,986	3	1,460,473	3	3.12E+18	18,487
8,457	4,608	5	1,019,215,872	2	48	11	3.12E+18	48
8,458	34,784	4	1,182,656	3	1,460,928	3	3.12E+18	34,784
8,459	1,344,928	3	882,609	3	42,029	4	3.12E+18	42,029
8,460	1,429,632	3	588,672	3	42,048	4	3.13E+18	42,048
8,461	35,014	4	1,276,020,204	2	5,002	5	3.13E+18	5,002
8,462	3,825	5	1,521,585,000	2	42,075	4	3.13E+18	3,825
8,463	112	9	715,008	3	1,771,614,208	2	3.14E+18	112
8,464	4,010	5	38,095	4	42,105	4	3.14E+18	2,005
8,465	4,010	5	38,095	4	1,772,831,025	2	3.14E+18	2,005
8,466	4,010	5	1,451,229,025	2	42,105	4	3.14E+18	2,005
8,467	1,323,520	3	938,496	3	42,112	4	3.15E+18	6,016
8,468	3,540	5	40,120	4	1,773,917,600	2	3.15E+18	1,180
8,469	1,080	6	1,249,214,400	2	42,120	4	3.15E+18	1,080
8,470	41,875	4	418,750	3	1,465,625	3	3.15E+18	41,875
8,471	4,956	5	399,131,460	2	42,126	4	3.15E+18	2,478
8,472	5,010	5	9,185	4	1,778,620,975	2	3.16E+18	835
8,473	4,944	5	21,424	4	1,778,917,120	2	3.16E+18	1,648
8,474	40,824	4	734,832	3	1,469,664	3	3.17E+18	40,824
8,475	28,828	4	1,354,916	3	1,470,228	3	3.18E+18	28,828

FermatCatalan

8,476	20,068	4	1,736,749,941	2	5,017	5	3.18E+18	5,017
8,477	30,102	4	1,535,387,629	2	5,017	5	3.18E+18	5,017
8,478	48	11	48	10	1,783,627,776	2	3.18E+18	48
8,479	48	11	2,304	5	1,783,627,776	2	3.18E+18	48
8,480	4,224	5	1,356,005,376	2	42,240	4	3.18E+18	4,224
8,481	29	12	1,414,562	3	1,784,469,963	2	3.18E+18	29
8,482	4,972	5	389,352,348	2	42,262	4	3.19E+18	2,486
8,483	2,511	5	1,759,128,759	2	5,022	5	3.19E+18	2,511
8,484	4,788	5	28,728	4	1,788,145,632	2	3.20E+18	4,788
8,485	440	7	440	6	1,788,864,000	2	3.20E+18	440
8,486	440	7	193,600	3	1,788,864,000	2	3.20E+18	440
8,487	3,276	5	1,681,895,943	2	42,315	4	3.21E+18	273
8,488	96	9	1,585,446,912	2	1,474,560	3	3.21E+18	96
8,489	42,146	4	379,314	3	1,475,110	3	3.21E+18	42,146
8,490	4,998	5	17,493	4	1,792,315,287	2	3.21E+18	2,499
8,491	5,025	5	10,050	4	1,792,794,375	2	3.21E+18	5,025
8,492	405	7	1,195,742,250	2	1,215	6	3.22E+18	405
8,493	405	7	1,195,742,250	2	1,476,225	3	3.22E+18	405
8,494	32,805	4	1,434,890,700	2	1,215	6	3.22E+18	1,215
8,495	4,712	5	954,726,592	2	42,408	4	3.23E+18	4,712
8,496	1,328,784	3	961,248	3	42,408	4	3.23E+18	14,136
8,497	4,816	5	28,380	4	1,799,860,976	2	3.24E+18	172
8,498	37,000	4	1,110,000	3	1,480,000	3	3.24E+18	37,000
8,499	40,005	4	880,110	3	1,480,185	3	3.24E+18	40,005
8,500	1,166,886	3	1,286,491,815	2	441	7	3.24E+18	441
8,501	1,166,886	3	1,286,491,815	2	21	14	3.24E+18	21
8,502	137,180	3	1,802,600,072	2	114	9	3.25E+18	38
8,503	1,429,560	3	574,839,072	2	114	9	3.25E+18	114
8,504	5,040	5	5,040	4	1,803,513,600	2	3.25E+18	5,040
8,505	685,576	3	1,712,604,135	2	71	10	3.26E+18	71
8,506	36,153	4	1,156,896	3	1,482,273	3	3.26E+18	36,153
8,507	57	9	1,481,544	3	1,805,076,171	2	3.26E+18	57
8,508	114	9	57	9	1,805,076,171	2	3.26E+18	57
8,509	114	9	185,193	3	1,805,076,171	2	3.26E+18	57
8,510	5,042	4	1,804,945,244	2	5,042	5	3.26E+18	5,042
8,511	42,363	4	338,904	3	1,482,705	3	3.26E+18	42,363
8,512	4,536	5	34,020	4	1,805,482,224	2	3.26E+18	2,268
8,513	3,656	5	1,615,447,015	2	42,501	4	3.26E+18	457
8,514	1,932	5	1,799,124,768	2	42,504	4	3.26E+18	1,932
8,515	3,784	5	39,732	4	1,807,730,320	2	3.27E+18	1,892
8,516	1,682	5	1,804,981,112	2	5,046	5	3.27E+18	1,682
8,517	4,394	5	4,394	5	1,485,172	3	3.28E+18	4,394
8,518	1,218	6	11,368	4	1,811,547,640	2	3.28E+18	406
8,519	431	7	720,566,919	2	1,486,088	3	3.28E+18	431
8,520	2,434	5	1,790,636,601	2	42,595	4	3.29E+18	1,217
8,521	442	6	1,813,368,648	2	442	7	3.30E+18	442
8,522	195,364	3	1,813,368,648	2	442	7	3.30E+18	442
8,523	1,210	6	19,965	4	1,815,850,025	2	3.30E+18	605
8,524	1,488,403	3	48,013	3	5,054	5	3.30E+18	2,527

FermatCatalan

8,525	42,532	4	297,724	3	1,488,620	3	3.30E+18	42,532
8,526	1,278,750	3	1,065,625	3	42,625	4	3.30E+18	42,625
8,527	3,924	5	39,240	4	1,816,937,568	2	3.30E+18	3,924
8,528	3,280	5	1,710,585,600	2	42,640	4	3.31E+18	3,280
8,529	10,114	4	1,815,700,679	2	5,057	5	3.31E+18	5,057
8,530	40,456	4	792,770,719	2	5,057	5	3.31E+18	5,057
8,531	3,753	5	40,032	4	1,820,096,163	2	3.31E+18	1,251
8,532	4,655	5	32,585	4	1,820,198,100	2	3.31E+18	4,655
8,533	150	7	1,490,625	3	1,820,390,625	2	3.31E+18	75
8,534	39,247	4	981,175	3	1,491,386	3	3.32E+18	39,247
8,535	1,451,086	3	640,185	3	42,679	4	3.32E+18	42,679
8,536	31,085	4	1,336,655	3	1,492,080	3	3.32E+18	31,085
8,537	42,659	4	255,954	3	1,493,065	3	3.33E+18	42,659
8,538	3,376	5	1,424,672	3	5,064	5	3.33E+18	1,688
8,539	4,735	5	31,251	4	1,825,903,124	2	3.33E+18	947
8,540	6	17	1,826,629,056	2	1,494,288	3	3.34E+18	6
8,541	1,482,520	3	441,905	3	42,765	4	3.34E+18	14,255
8,542	1,940	5	42,680	4	1,829,109,600	2	3.35E+18	1,940
8,543	18	13	1,823,905,512	2	1,495,908	3	3.35E+18	18
8,544	1,373,743	3	869,383,070	2	443	7	3.35E+18	443
8,545	3,492	5	1,682,018,703	2	42,777	4	3.35E+18	873
8,546	42,750	4	213,750	3	1,496,250	3	3.35E+18	42,750
8,547	1,412,268	3	813,124	3	42,796	4	3.35E+18	42,796
8,548	26,739	4	1,417,167	3	1,497,384	3	3.36E+18	26,739
8,549	29,376	4	1,618,030,080	2	1,224	6	3.36E+18	1,224
8,550	42,811	4	171,244	3	1,498,385	3	3.36E+18	42,811
8,551	4,418	5	4,418	5	1,834,760,056	2	3.37E+18	4,418
8,552	5,064	5	13,926	4	1,835,155,620	2	3.37E+18	1,266
8,553	42,848	4	128,544	3	1,499,680	3	3.37E+18	42,848
8,554	4,720	5	31,860	4	1,836,575,600	2	3.37E+18	1,180
8,555	42,867	4	85,734	3	1,500,345	3	3.38E+18	42,867
8,556	42,874	4	42,874	3	1,500,590	3	3.38E+18	42,874
8,557	1,500,660	3	42,876	3	42,876	4	3.38E+18	42,876
8,558	1,500,905	3	85,766	3	42,883	4	3.38E+18	42,883
8,559	1,358,310	3	957,966	3	42,894	4	3.39E+18	14,298
8,560	3,575	5	1,674,261,875	2	42,900	4	3.39E+18	3,575
8,561	1,501,570	3	128,706	3	42,902	4	3.39E+18	42,902
8,562	41,743	4	709,631	3	1,502,748	3	3.39E+18	41,743
8,563	1,502,865	3	171,756	3	42,939	4	3.40E+18	42,939
8,564	370	7	1,570,243,000	2	1,505,900	3	3.41E+18	370
8,565	1,505,000	3	215,000	3	43,000	4	3.42E+18	43,000
8,566	3,072	5	1,774,190,592	2	43,008	4	3.42E+18	3,072
8,567	91	8	1,507,142	3	1,851,523,947	2	3.43E+18	91
8,568	363	7	1,612,120,510	2	1,508,023	3	3.43E+18	121
8,569	219	7	1,845,496,648	2	1,508,107	3	3.43E+18	73
8,570	4,100	5	1,508,697,500	2	43,050	4	3.43E+18	2,050
8,571	200	8	960,000	3	1,856,000,000	2	3.44E+18	200
8,572	1,508,185	3	258,546	3	43,091	4	3.45E+18	43,091
8,573	5,070	5	17,745	4	1,857,179,025	2	3.45E+18	2,535

FermatCatalan

8,574	5,070	5	17,745	4	43,095	4	3.45E+18	2,535
8,575	5,070	5	314,885,025	2	43,095	4	3.45E+18	2,535
8,576	369	7	1,361,610	3	1,859,006,133	2	3.46E+18	369
8,577	17	7	1,512,626	3	1,860,361,493	2	3.46E+18	17
8,578	35,735	4	1,355,173,300	2	5,105	5	3.47E+18	5,105
8,579	4,797	5	966,470,778	2	43,173	4	3.47E+18	4,797
8,580	5,103	5	275,562	3	1,515,591	3	3.48E+18	5,103
8,581	5,082	5	303,464,007	2	43,197	4	3.48E+18	2,541
8,582	1,512,630	3	302,526	3	43,218	4	3.49E+18	43,218
8,583	18,961	4	1,497,919	3	1,516,880	3	3.49E+18	18,961
8,584	35,702	4	1,231,719	3	1,517,335	3	3.49E+18	17,851
8,585	25,570	4	1,752,250,732	2	5,114	5	3.50E+18	5,114
8,586	41,802	4	766,370	3	1,518,806	3	3.50E+18	13,934
8,587	34,531	4	1,277,647	3	1,519,364	3	3.51E+18	34,531
8,588	1,515,735	3	309,465	3	43,290	4	3.51E+18	585
8,589	5,103	5	15,309	4	1,874,923,848	2	3.52E+18	5,103
8,590	5,000	5	25,000	4	1,875,000,000	2	3.52E+18	5,000
8,591	4,488	5	36,091	4	1,875,492,377	2	3.52E+18	187
8,592	40,960	4	838,860,800	2	5,120	5	3.52E+18	5,120
8,593	36,813	4	1,190,287	3	1,521,604	3	3.52E+18	12,271
8,594	15,366	4	1,862,676,764	2	5,122	5	3.53E+18	5,122
8,595	5,073	5	20,292	4	1,878,679,017	2	3.53E+18	5,073
8,596	15	14	1,518,750	3	1,879,453,125	2	3.53E+18	15
8,597	225	7	1,518,750	3	1,879,453,125	2	3.53E+18	225
8,598	23,816	4	1,476,592	3	1,524,224	3	3.54E+18	23,816
8,599	1,518,545	3	347,096	3	43,387	4	3.54E+18	43,387
8,600	4,255	5	38,295	4	1,882,922,600	2	3.55E+18	4,255
8,601	1,475,600	3	694,400	3	43,400	4	3.55E+18	43,400
8,602	1,389,312	3	955,152	3	43,416	4	3.55E+18	43,416
8,603	2,466	5	43,155	4	1,886,678,649	2	3.56E+18	1,233
8,604	68	10	34,680	4	1,886,906,432	2	3.56E+18	68
8,605	4,624	5	34,680	4	1,886,906,432	2	3.56E+18	2,312
8,606	195	8	1,140,750	3	1,890,793,125	2	3.58E+18	195
8,607	30,840	4	1,638,015,200	2	5,140	5	3.59E+18	5,140
8,608	1,501,578	3	587,574	3	43,524	4	3.59E+18	21,762
8,609	41,392	4	869,232	3	1,531,504	3	3.59E+18	41,392
8,610	42,560	4	680,960	3	1,532,160	3	3.60E+18	42,560
8,611	14	16	392	7	1,897,443,072	2	3.60E+18	14
8,612	196	8	392	7	1,897,443,072	2	3.60E+18	196
8,613	392	7	38,416	4	1,897,443,072	2	3.60E+18	392
8,614	33,336	4	1,333,440	3	1,533,456	3	3.61E+18	33,336
8,615	43,218	4	497,007	3	1,534,239	3	3.61E+18	21,609
8,616	1,526,140	3	392,436	3	43,604	4	3.61E+18	43,604
8,617	5,148	5	2,574	4	1,901,511,612	2	3.62E+18	2,574
8,618	1,218	6	24,360	4	1,901,877,768	2	3.62E+18	1,218
8,619	1,352,065	3	1,046,760	3	43,615	4	3.62E+18	43,615
8,620	1,514,376	3	529,720	3	43,624	4	3.62E+18	6,232
8,621	43,533	4	362,775	3	1,538,166	3	3.64E+18	14,511
8,622	1,441,473	3	803,380,952	2	209	8	3.64E+18	209

FermatCatalan

8,623	20,624	4	1,860,903,520	2	5,156	5	3.64E+18	5,156
8,624	6	21	1,904,684,544	2	1,539,648	3	3.65E+18	6
8,625	216	7	1,904,684,544	2	1,539,648	3	3.65E+18	216
8,626	26,061	4	1,786,493,960	2	1,241	6	3.65E+18	1,241
8,627	4,375	5	1,435,546,875	2	43,750	4	3.66E+18	4,375
8,628	5,152	5	218,980,608	2	43,792	4	3.68E+18	2,576
8,629	403,202	3	1,900,895,829	2	449	7	3.68E+18	449
8,630	1,008,005	3	1,629,339,282	2	449	7	3.68E+18	449
8,631	34,125	4	1,324,375	3	1,543,750	3	3.68E+18	1,625
8,632	4,044	5	1,613,134,076	2	43,810	4	3.68E+18	674
8,633	39,636	4	1,070,172	3	1,545,804	3	3.69E+18	39,636
8,634	132	8	1,533,312	3	1,922,773,248	2	3.70E+18	132
8,635	5,168	5	10,336	4	1,922,992,128	2	3.70E+18	5,168
8,636	359	7	1,711,926,323	2	1,546,572	3	3.70E+18	359
8,637	5,160	5	206,348,400	2	43,860	4	3.70E+18	2,580
8,638	1,535,625	3	438,750	3	43,875	4	3.71E+18	43,875
8,639	1,567	5	1,922,647,887	2	43,876	4	3.71E+18	1,567
8,640	10,431	4	1,547,082	3	1,548,729	3	3.71E+18	549
8,641	1,229,312	3	1,229,312	3	43,904	4	3.72E+18	43,904
8,642	4,553	5	36,424	4	1,927,872,237	2	3.72E+18	4,553
8,643	4,880	5	976,390,400	2	43,920	4	3.72E+18	4,880
8,644	249	7	1,914,342,876	2	1,245	6	3.72E+18	249
8,645	249	7	1,914,342,876	2	1,550,025	3	3.72E+18	249
8,646	1,449,921	3	878,740	3	43,937	4	3.73E+18	43,937
8,647	1,252,461	3	1,208,515	3	43,946	4	3.73E+18	21,973
8,648	4,945	5	29,670	4	1,931,788,975	2	3.73E+18	4,945
8,649	1,569	5	43,932	4	1,932,482,385	2	3.73E+18	1,569
8,650	1,421,826	3	952,770	3	43,974	4	3.74E+18	14,658
8,651	5,183	5	5,183	4	1,934,171,208	2	3.74E+18	5,183
8,652	4,479	5	37,325	4	1,934,814,532	2	3.74E+18	1,493
8,653	432	7	31,104	4	5,184	5	3.74E+18	432
8,654	432	7	31,104	4	72	10	3.74E+18	72
8,655	432	7	31,104	4	1,934,917,632	2	3.74E+18	432
8,656	432	7	967,458,816	2	5,184	5	3.74E+18	432
8,657	432	7	967,458,816	2	72	10	3.74E+18	72
8,658	864	6	1,492,992	3	5,184	5	3.74E+18	864
8,659	864	6	1,492,992	3	72	10	3.74E+18	72
8,660	699,840	3	1,844,218,368	2	72	10	3.74E+18	72
8,661	1,492,992	3	746,496	3	5,184	5	3.74E+18	5,184
8,662	1,492,992	3	746,496	3	72	10	3.74E+18	72
8,663	1,492,992	3	644,972,544	2	72	10	3.74E+18	72
8,664	5,185	4	1,935,664,200	2	5,185	5	3.75E+18	5,185
8,665	41,480	4	887,179,425	2	5,185	5	3.75E+18	5,185
8,666	880	6	1,812,096,000	2	44,000	4	3.75E+18	880
8,667	3	38	39,366	4	1,937,102,445	2	3.75E+18	3
8,668	9	19	39,366	4	1,937,102,445	2	3.75E+18	9
8,669	37,044	4	37,044	4	1,555,848	3	3.77E+18	37,044
8,670	72	9	1,928,199,168	2	44,064	4	3.77E+18	72
8,671	1,278,088	3	1,189,944	3	44,072	4	3.77E+18	44,072

FermatCatalan

8,672	5,190	5	11,245	4	1,944,636,775	2	3.78E+18	865
8,673	882,000	3	1,759,590,000	2	210	8	3.78E+18	210
8,674	1,058,400	3	1,611,414,000	2	210	8	3.78E+18	210
8,675	1,543,500	3	324,135,000	2	210	8	3.78E+18	210
8,676	43,281	4	649,215	3	1,558,116	3	3.78E+18	43,281
8,677	1,558,624	3	29,408	3	44,112	4	3.79E+18	14,704
8,678	210	8	203,056	3	1,946,961,296	2	3.79E+18	14
8,679	41,048	4	985,152	3	1,559,824	3	3.80E+18	41,048
8,680	10,400	4	1,946,880,000	2	5,200	5	3.80E+18	5,200
8,681	1,248	6	12,480	4	1,949,995,008	2	3.80E+18	1,248
8,682	30,016	4	1,440,768	3	1,560,832	3	3.80E+18	30,016
8,683	26,912	4	1,810,639,360	2	116	9	3.80E+18	116
8,684	37,479	4	1,224,314	3	1,561,625	3	3.81E+18	12,493
8,685	1,547,210	3	486,266	3	44,206	4	3.82E+18	44,206
8,686	612	6	44,064	4	1,955,119,680	2	3.82E+18	612
8,687	867	6	1,503,378	3	44,217	4	3.82E+18	867
8,688	5,202	5	115,008,417	2	44,217	4	3.82E+18	2,601
8,689	1,503,378	3	751,689	3	44,217	4	3.82E+18	44,217
8,690	5,206	5	101,634,135	2	44,251	4	3.83E+18	2,603
8,691	36,470	4	1,438,637,300	2	5,210	5	3.84E+18	5,210
8,692	1,306,319	3	1,173,473	3	44,282	4	3.85E+18	22,141
8,693	4,898	5	31,837	4	1,961,215,527	2	3.85E+18	2,449
8,694	12,520	4	1,956,244,992	2	1,252	6	3.85E+18	1,252
8,695	42,792	4	798,784	3	1,569,040	3	3.86E+18	14,264
8,696	4,032	5	1,674,473,472	2	44,352	4	3.87E+18	4,032
8,697	5,220	5	2,610	4	1,968,696,900	2	3.88E+18	2,610
8,698	5,220	5	2,610	4	44,370	4	3.88E+18	2,610
8,699	5,220	5	6,812,100	2	44,370	4	3.88E+18	2,610
8,700	348	7	1,812,200,256	2	1,574,352	3	3.90E+18	348
8,701	19,441	4	1,555,280	3	1,574,721	3	3.90E+18	19,441
8,702	24,885	4	1,521,540	3	1,574,865	3	3.91E+18	3,555
8,703	165	8	1,497,375	3	1,976,535,000	2	3.91E+18	165
8,704	36,632	4	1,282,120	3	1,575,176	3	3.91E+18	36,632
8,705	4,824	5	33,768	4	1,978,032,960	2	3.91E+18	4,824
8,706	1,573,269	3	273,612	3	453	7	3.91E+18	453
8,707	42,653	4	853,060	3	1,578,161	3	3.93E+18	42,653
8,708	1,455,888	3	950,784	3	44,568	4	3.95E+18	14,856
8,709	1,337,280	3	1,158,976	3	44,576	4	3.95E+18	44,576
8,710	27,729	4	1,497,366	3	1,580,553	3	3.95E+18	27,729
8,711	43,912	4	614,768	3	1,580,832	3	3.95E+18	43,912
8,712	1,561,105	3	535,236	3	44,603	4	3.96E+18	44,603
8,713	104	9	1,592,104,384	2	1,581,840	3	3.96E+18	104
8,714	8,112	4	1,581,840	3	44,616	4	3.96E+18	4,056
8,715	251	7	1,255	6	1,992,469,626	2	3.97E+18	251
8,716	251	7	1,575,025	3	1,992,469,626	2	3.97E+18	251
8,717	4,961	5	984,460,840	2	44,649	4	3.97E+18	4,961
8,718	39,611	4	1,148,719	3	1,584,440	3	3.98E+18	39,611
8,719	26,245	4	1,873,536,068	2	5,249	5	3.98E+18	5,249
8,720	2,810	5	1,951,836,959	2	44,679	4	3.98E+18	281

FermatCatalan

8,721	44,696	4	156,436	3	1,586,708	3	3.99E+18	22,348
8,722	42,016	4	937,839,136	2	5,252	5	4.00E+18	5,252
8,723	1,260	5	1,999,979,100	2	44,730	4	4.00E+18	630
8,724	2,408	5	44,548	4	2,004,818,928	2	4.02E+18	1,204
8,725	32,465	4	1,428,460	3	1,590,785	3	4.03E+18	32,465
8,726	1,591,465	3	201,735	3	44,830	4	4.04E+18	22,415
8,727	5,248	5	15,744	4	2,010,529,792	2	4.04E+18	5,248
8,728	15,795	4	1,995,856,200	2	5,265	5	4.05E+18	5,265
8,729	31,590	4	1,746,374,175	2	5,265	5	4.05E+18	5,265
8,730	35,235	4	1,582,513,200	2	5,265	5	4.05E+18	405
8,731	44,226	4	469,026,207	2	5,265	5	4.05E+18	1,053
8,732	44,721	4	387,582	3	1,595,049	3	4.06E+18	14,907
8,733	5,220	5	20,880	4	2,016,381,600	2	4.07E+18	5,220
8,734	5,151	5	25,755	4	2,016,492,876	2	4.07E+18	5,151
8,735	281	7	1,579,220	3	2,019,111,731	2	4.08E+18	281
8,736	25,935	4	1,536,080	3	1,597,505	3	4.08E+18	455
8,737	1,437,920	3	1,033,505	3	44,935	4	4.08E+18	44,935
8,738	24,578	4	1,548,414	3	1,597,570	3	4.08E+18	24,578
8,739	186	8	1,383,840	3	2,020,544,784	2	4.08E+18	186
8,740	1,371,097	3	1,146,327	3	44,954	4	4.08E+18	22,477
8,741	3,855	5	42,405	4	2,021,099,400	2	4.08E+18	3,855
8,742	60	10	43,200	4	2,021,760,000	2	4.09E+18	60
8,743	3,600	5	43,200	4	2,021,760,000	2	4.09E+18	3,600
8,744	44,459	4	577,967	3	1,600,524	3	4.10E+18	44,459
8,745	1,590,530	3	435,145	3	45,015	4	4.11E+18	15,005
8,746	41,067	4	1,124,332,326	2	117	9	4.11E+18	117
8,747	5,196	5	569,966,560	2	45,032	4	4.11E+18	1,732
8,748	38,151	4	1,258,983	3	1,602,342	3	4.11E+18	38,151
8,749	1,577,520	3	585,936	3	45,072	4	4.13E+18	45,072
8,750	3,606	5	1,875,716,793	2	45,075	4	4.13E+18	1,803
8,751	39,130	4	1,213,030	3	1,604,330	3	4.13E+18	39,130
8,752	1,498,945	3	914,396	3	45,087	4	4.13E+18	791
8,753	42,796	4	920,114	3	1,604,850	3	4.13E+18	21,398
8,754	5,068	5	3,801	5	2,033,901,163	2	4.14E+18	1,267
8,755	5,068	5	3,801	5	1,267	6	4.14E+18	1,267
8,756	5,068	5	3,801	5	1,605,289	3	4.14E+18	1,267
8,757	112	9	1,168,900,096	2	1,605,632	3	4.14E+18	112
8,758	448	7	896	6	1,605,632	3	4.14E+18	448
8,759	448	7	802,816	3	1,605,632	3	4.14E+18	448
8,760	448	7	719,323,136	2	1,605,632	3	4.14E+18	448
8,761	1,534,624	3	812,448	3	45,136	4	4.15E+18	45,136
8,762	4,752	5	1,315,372,608	2	45,144	4	4.15E+18	2,376
8,763	4,608	5	4,608	5	2,038,431,744	2	4.16E+18	4,608
8,764	4,980	5	32,370	4	2,039,832,900	2	4.16E+18	2,490
8,765	21,188	4	1,992,132,839	2	5,297	5	4.17E+18	5,297
8,766	1,491,534	3	949,158	3	45,198	4	4.17E+18	45,198
8,767	5,130	5	28,215	4	2,046,138,975	2	4.19E+18	2,565
8,768	4,524	5	1,514,526,624	2	45,240	4	4.19E+18	4,524
8,769	26,962	4	1,545,130	3	1,615,646	3	4.22E+18	2,074

FermatCatalan

8,770	44,928	4	539,136	3	1,617,408	3	4.23E+18	44,928
8,771	5,040	5	990,662,400	2	45,360	4	4.23E+18	5,040
8,772	1,618,268	3	15,124	3	45,372	4	4.24E+18	15,124
8,773	4,161	5	41,610	4	2,060,356,599	2	4.25E+18	4,161
8,774	5,313	5	10,626	4	2,060,641,737	2	4.25E+18	5,313
8,775	37,219	4	1,526,606,406	2	5,317	5	4.25E+18	5,317
8,776	45,353	4	265,639	3	1,619,750	3	4.25E+18	6,479
8,777	1,407,896	3	1,135,400	3	45,416	4	4.25E+18	45,416
8,778	43,794	4	832,086	3	1,620,378	3	4.25E+18	43,794
8,779	1,232	6	29,568	4	2,064,240,640	2	4.26E+18	1,232
8,780	42,568	4	990,956,435	2	5,321	5	4.27E+18	5,321
8,781	42,705	4	982,215	3	1,622,790	3	4.27E+18	42,705
8,782	1,288,408	3	1,288,408	3	5,324	5	4.28E+18	5,324
8,783	5,328	5	5,328	4	2,072,293,632	2	4.29E+18	5,328
8,784	5,330	4	2,073,849,700	2	5,330	5	4.30E+18	5,330
8,785	41,743	4	1,085,318	3	1,627,977	3	4.31E+18	41,743
8,786	76	9	1,618,724	3	2,079,923,160	2	4.33E+18	76
8,787	1,596,665	3	638,666	3	45,619	4	4.33E+18	45,619
8,788	36,253	4	1,377,614	3	1,631,385	3	4.34E+18	36,253
8,789	5,104	5	30,624	4	2,084,065,280	2	4.34E+18	5,104
8,790	45,325	4	498,575	3	1,631,700	3	4.34E+18	45,325
8,791	3,437	5	1,966,738,798	2	45,663	4	4.35E+18	491
8,792	4,810	5	1,336,109,775	2	45,695	4	4.36E+18	2,405
8,793	10,690	4	2,085,538,825	2	5,345	5	4.36E+18	5,345
8,794	19,927	4	1,614,087	3	1,634,014	3	4.36E+18	19,927
8,795	3,200	5	44,800	4	2,088,960,000	2	4.36E+18	3,200
8,796	37,574	4	1,333,877	3	1,634,469	3	4.37E+18	18,787
8,797	5,239	5	749,177	3	1,634,568	3	4.37E+18	5,239
8,798	3,976	5	1,837,746,960	2	45,724	4	4.37E+18	1,988
8,799	38,836	4	1,280,201	3	1,635,273	3	4.37E+18	1,387
8,800	4,464	5	40,176	4	2,092,366,080	2	4.38E+18	4,464
8,801	107	7	2,094,823,530	2	1,637,207	3	4.39E+18	107
8,802	40,960	4	1,258,291,200	2	1,280	6	4.40E+18	1,280
8,803	457	7	626,547	3	2,099,767,846	2	4.41E+18	457
8,804	34,902	4	1,430,982	3	1,640,394	3	4.41E+18	34,902
8,805	5,190	5	807,334,775	2	45,845	4	4.42E+18	865
8,806	5,268	5	24,584	4	2,102,971,552	2	4.42E+18	1,756
8,807	1,528,800	3	947,856	3	45,864	4	4.42E+18	15,288
8,808	25,640	4	2,001,812,232	2	1,282	6	4.44E+18	1,282
8,809	45,656	4	456,560	3	1,643,616	3	4.44E+18	45,656
8,810	38,829	4	1,294,300	3	1,643,761	3	4.44E+18	12,943
8,811	1,640,954	3	331,018	3	45,942	4	4.45E+18	1,178
8,812	1,395,680	3	1,202,432	3	5,368	5	4.46E+18	5,368
8,813	4,740	5	37,920	4	2,111,954,400	2	4.46E+18	4,740
8,814	1,447,803	3	1,126,069	3	45,962	4	4.46E+18	22,981
8,815	7	21	49	11	1,647,086	3	4.47E+18	7
8,816	7	21	1,977,326,743	2	1,647,086	3	4.47E+18	7
8,817	7	22	7	21	1,647,086	3	4.47E+18	7
8,818	7	22	343	7	1,647,086	3	4.47E+18	7

FermatCatalan

8,819	7	22	823,543	3	1,647,086	3	4.47E+18	7
8,820	49	11	343	7	1,647,086	3	4.47E+18	49
8,821	49	11	823,543	3	1,647,086	3	4.47E+18	49
8,822	343	7	1,977,326,743	2	1,647,086	3	4.47E+18	343
8,823	1,083	6	41,154	4	2,117,064,645	2	4.48E+18	1,083
8,824	3,836	5	1,912,936,480	2	46,032	4	4.49E+18	3,836
8,825	5,117	5	994,980,182	2	46,053	4	4.50E+18	5,117
8,826	5,346	5	2,673	5	2,122,043,913	2	4.50E+18	2,673
8,827	5,208	5	28,644	4	2,122,395,408	2	4.50E+18	2,604
8,828	96	9	1,953,497,088	2	46,080	4	4.51E+18	96
8,829	45,927	4	413,343	3	1,653,372	3	4.52E+18	45,927
8,830	26,930	4	2,001,620,724	2	5,386	5	4.53E+18	5,386
8,831	31,228	4	1,530,172	3	1,655,084	3	4.53E+18	31,228
8,832	1,569,542	3	877,097	3	46,163	4	4.54E+18	46,163
8,833	1,647,265	3	431,060	3	46,185	4	4.55E+18	15,395
8,834	32,352	4	1,860,714,496	2	5,392	5	4.56E+18	5,392
8,835	43,136	4	32,352	4	5,392	5	4.56E+18	5,392
8,836	43,136	4	1,046,651,904	2	5,392	5	4.56E+18	5,392
8,837	44,821	4	806,778	3	1,658,377	3	4.56E+18	44,821
8,838	214	8	549,552	3	2,136,474,992	2	4.56E+18	214
8,839	1,618,750	3	693,750	3	46,250	4	4.58E+18	46,250
8,840	210	8	926,100	3	2,139,291,000	2	4.58E+18	210
8,841	46,144	4	369,152	3	1,661,184	3	4.58E+18	46,144
8,842	316	7	1,622,660	3	2,141,761,416	2	4.59E+18	316
8,843	1,335	5	2,140,848,275	2	46,280	4	4.59E+18	445
8,844	1,800	5	2,138,400,000	2	5,400	5	4.59E+18	1,800
8,845	4,995	5	34,965	4	2,145,702,150	2	4.60E+18	4,995
8,846	2	61	2	61	2,147,483,648	2	4.61E+18	2
8,847	2	61	2	61	4	31	4.61E+18	2
8,848	2	61	2	61	2	62	4.61E+18	2
8,849	1,343,889	3	1,297,548	3	46,341	4	4.61E+18	46,341
8,850	2,576	5	2,123,448,320	2	46,368	4	4.62E+18	2,576
8,851	5,328	5	23,976	4	2,150,359,488	2	4.62E+18	2,664
8,852	5,400	5	13,500	4	2,150,550,000	2	4.62E+18	2,700
8,853	208	6	2,150,739,968	2	5,408	5	4.63E+18	208
8,854	28,737	4	1,580,535	3	1,666,746	3	4.63E+18	28,737
8,855	928	6	1,997,946,880	2	464	7	4.63E+18	464
8,856	861,184	3	1,997,946,880	2	464	7	4.63E+18	464
8,857	1,507,072	3	1,098,870,784	2	464	7	4.63E+18	464
8,858	16,230	4	2,136,571,300	2	5,410	5	4.63E+18	5,410
8,859	46,313	4	324,191	3	1,667,268	3	4.63E+18	46,313
8,860	5,395	5	16,185	4	2,153,845,850	2	4.64E+18	5,395
8,861	195	8	1,170	6	2,157,728,625	2	4.66E+18	195
8,862	195	8	1,368,900	3	2,157,728,625	2	4.66E+18	195
8,863	1,170	6	38,025	4	2,157,728,625	2	4.66E+18	585
8,864	1,200	6	36,000	4	2,160,000,000	2	4.67E+18	1,200
8,865	46,440	4	278,640	3	1,671,840	3	4.67E+18	46,440
8,866	5,409	5	14,424	4	2,161,787,985	2	4.67E+18	1,803
8,867	5,369	5	21,476	4	2,161,962,075	2	4.67E+18	5,369

FermatCatalan

8,868	44,808	4	866,288	3	1,672,832	3	4.68E+18	14,936
8,869	3,101	5	2,096,331,818	2	46,515	4	4.68E+18	3,101
8,870	25,352	4	1,622,528	3	1,673,232	3	4.68E+18	25,352
8,871	5,225	5	3,800	5	2,164,871,875	2	4.69E+18	475
8,872	78	9	1,660,932	3	2,165,380,776	2	4.69E+18	78
8,873	22,750	4	1,641,250	3	1,673,750	3	4.69E+18	3,250
8,874	5,304	5	26,520	4	2,166,196,032	2	4.69E+18	5,304
8,875	3,480	5	45,240	4	2,167,761,600	2	4.70E+18	3,480
8,876	46,531	4	232,655	3	1,675,116	3	4.70E+18	46,531
8,877	1,567,722	3	946,842	3	46,566	4	4.70E+18	15,522
8,878	37,982	4	1,619,281,180	2	5,426	5	4.70E+18	5,426
8,879	1,292	6	15,504	4	2,170,043,200	2	4.71E+18	1,292
8,880	847	6	2,083,355,736	2	46,585	4	4.71E+18	847
8,881	1,537,305	3	1,024,870	3	46,585	4	4.71E+18	46,585
8,882	1,490,944	3	1,118,208	3	46,592	4	4.71E+18	46,592
8,883	45,325	4	704,350,500	2	1,295	6	4.72E+18	1,295
8,884	4,237	5	1,831,121,238	2	46,607	4	4.72E+18	4,237
8,885	46,592	4	186,368	3	1,677,312	3	4.72E+18	46,592
8,886	46,629	4	139,887	3	1,678,644	3	4.73E+18	46,629
8,887	46,648	4	93,296	3	1,679,328	3	4.74E+18	46,648
8,888	46,655	4	46,655	3	1,679,580	3	4.74E+18	46,655
8,889	1,679,652	3	46,657	3	46,657	4	4.74E+18	46,657
8,890	1,679,904	3	93,328	3	46,664	4	4.74E+18	46,664
8,891	5,434	5	8,151	4	2,177,716,255	2	4.74E+18	2,717
8,892	44,224	4	972,928	3	1,680,512	3	4.75E+18	44,224
8,893	1,400,490	3	1,260,441	3	46,683	4	4.75E+18	46,683
8,894	1,680,588	3	140,049	3	46,683	4	4.75E+18	46,683
8,895	1,657,566	3	583,650	3	46,692	4	4.75E+18	23,346
8,896	42,048	4	1,177,344	3	1,681,920	3	4.76E+18	42,048
8,897	4,868	5	37,727	4	2,181,644,097	2	4.76E+18	1,217
8,898	4,671	5	1,592,731,593	2	46,710	4	4.76E+18	4,671
8,899	21,760	4	2,130,739,200	2	5,440	5	4.76E+18	5,440
8,900	1,681,920	3	186,880	3	46,720	4	4.76E+18	46,720
8,901	5,192	5	997,403,968	2	46,728	4	4.77E+18	5,192
8,902	3,597	5	2,044,268,622	2	46,761	4	4.78E+18	3,597
8,903	30	12	1,620,000	3	2,187,000,000	2	4.78E+18	30
8,904	1,684,116	3	233,905	3	46,781	4	4.79E+18	46,781
8,905	39,513	4	1,330,271	3	1,685,888	3	4.79E+18	13,171
8,906	298	7	2,143,550,952	2	1,687,276	3	4.80E+18	298
8,907	5,408	5	562,432	3	1,687,296	3	4.80E+18	5,408
8,908	1,687,392	3	281,232	3	46,872	4	4.83E+18	46,872
8,909	15,600	4	2,183,480,000	2	1,300	6	4.83E+18	1,300
8,910	3,750	5	2,021,484,375	2	46,875	4	4.83E+18	1,875
8,911	1,396,950	3	1,283,050	3	46,900	4	4.84E+18	3,350
8,912	451	7	1,017,005	3	2,201,612,424	2	4.85E+18	451
8,913	45,740	4	777,580	3	1,692,380	3	4.85E+18	45,740
8,914	33,875	4	1,524,375	3	1,693,750	3	4.86E+18	33,875
8,915	5,460	5	10,920	4	2,206,058,400	2	4.87E+18	5,460
8,916	1,643,985	3	751,536	3	46,971	4	4.87E+18	46,971

FermatCatalan

8,917	20,419	4	1,674,358	3	1,694,777	3	4.87E+18	20,419
8,918	38,528	4	1,387,008	3	1,695,232	3	4.87E+18	38,528
8,919	43,720	4	1,105,050,325	2	5,465	5	4.87E+18	5,465
8,920	4,820	5	1,508,653,975	2	46,995	4	4.88E+18	1,205
8,921	1,691,964	3	328,993	3	46,999	4	4.88E+18	46,999
8,922	50	10	2,187,500,000	2	50	11	4.88E+18	50
8,923	2,500	5	2,187,500,000	2	50	11	4.88E+18	50
8,924	110	9	1,590,378,625	2	1,697,025	3	4.89E+18	55
8,925	5,448	5	17,706	4	2,213,067,492	2	4.90E+18	1,362
8,926	4,092	5	1,938,171,708	2	47,058	4	4.90E+18	2,046
8,927	657,072	3	2,152,567,872	2	468	7	4.92E+18	468
8,928	1,533,168	3	1,095,120	3	468	7	4.92E+18	468
8,929	5,475	5	5,475	4	2,218,196,250	2	4.92E+18	5,475
8,930	38	9	1,701,032	3	2,218,584,704	2	4.92E+18	38
8,931	5,477	4	2,219,817,146	2	5,477	5	4.93E+18	5,477
8,932	458	7	891,497	3	2,221,662,965	2	4.94E+18	229
8,933	39,150	4	1,609,358,625	2	1,305	6	4.94E+18	1,305
8,934	46,980	4	260,562,825	2	1,305	6	4.94E+18	1,305
8,935	46,674	4	583,425	3	1,703,601	3	4.94E+18	23,337
8,936	43,694	4	1,092,350	3	1,704,066	3	4.95E+18	43,694
8,937	1,698,048	3	377,344	3	47,168	4	4.95E+18	47,168
8,938	5,474	5	13,685	4	2,224,877,193	2	4.95E+18	2,737
8,939	170	7	2,225,589,000	2	1,705,100	3	4.96E+18	170
8,940	5,404	5	24,318	4	2,226,745,220	2	4.96E+18	2,702
8,941	2,608	5	46,944	4	2,230,945,792	2	4.98E+18	2,608
8,942	4,730	5	40,205	4	2,231,696,775	2	4.98E+18	2,365
8,943	58,357	3	2,234,067,564	2	469	7	4.99E+18	67
8,944	10,984	4	2,231,992,736	2	5,492	5	5.00E+18	5,492
8,945	1,608,336	3	946,080	3	47,304	4	5.01E+18	47,304
8,946	1,537,445	3	1,111,691	3	47,306	4	5.01E+18	23,653
8,947	405	7	1,798,396,344	2	1,712,421	3	5.02E+18	81
8,948	47,151	4	440,076	3	1,713,153	3	5.03E+18	15,717
8,949	5,166	5	1,161,650,007	2	47,355	4	5.03E+18	861
8,950	1,468,377	3	1,231,542	3	47,367	4	5.03E+18	47,367
8,951	3,210	5	46,545	4	2,243,717,775	2	5.03E+18	1,605
8,952	5,265	5	31,590	4	2,245,338,225	2	5.04E+18	5,265
8,953	5,265	5	31,590	4	47,385	4	5.04E+18	5,265
8,954	5,265	5	997,928,100	2	47,385	4	5.04E+18	5,265
8,955	1,705,860	3	426,465	3	47,385	4	5.04E+18	47,385
8,956	463	7	694,769,929	2	1,714,952	3	5.04E+18	463
8,957	1,711,975	3	220,623,875	2	470	7	5.07E+18	235
8,958	840	6	2,173,071,600	2	47,460	4	5.07E+18	420
8,959	5,508	5	8,262	4	2,252,601,252	2	5.07E+18	2,754
8,960	41,921	4	1,257,630	3	1,718,761	3	5.08E+18	41,921
8,961	570,288	3	2,217,089,648	2	218	8	5.10E+18	218
8,962	4,802	5	4,802	5	2,259,801,992	2	5.11E+18	4,802
8,963	46,557	4	744,912	3	1,722,609	3	5.11E+18	46,557
8,964	109	7	2,261,120,634	2	1,722,745	3	5.11E+18	109
8,965	205	8	1,412,880,500	2	1,723,025	3	5.12E+18	205

FermatCatalan

8,966	33,126	4	1,981,293,665	2	5,521	5	5.13E+18	5,521
8,967	45,834	4	901,402	3	1,726,414	3	5.15E+18	15,278
8,968	8,827	4	1,726,018	3	1,726,697	3	5.15E+18	679
8,969	27,625	4	2,136,793,750	2	5,525	5	5.15E+18	5,525
8,970	1,688,193	3	699,039	3	5,526	5	5.15E+18	2,763
8,971	1,715,616	3	476,560	3	47,656	4	5.16E+18	47,656
8,972	40,203	4	1,366,902	3	1,728,729	3	5.17E+18	40,203
8,973	208	8	1,295,843,328	2	1,730,560	3	5.18E+18	208
8,974	1,287	6	28,314	4	2,277,507,375	2	5.19E+18	1,287
8,975	120	8	1,728,000	3	2,280,960,000	2	5.20E+18	120
8,976	120	9	120	8	2,280,960,000	2	5.20E+18	120
8,977	120	9	14,400	4	2,280,960,000	2	5.20E+18	120
8,978	38,759	4	1,716,868,664	2	5,537	5	5.20E+18	5,537
8,979	45,611	4	957,831	3	1,733,218	3	5.21E+18	45,611
8,980	1,672,580	3	812,396	3	47,788	4	5.22E+18	47,788
8,981	44,320	4	1,166,280,800	2	5,540	5	5.22E+18	5,540
8,982	1,336,704	3	1,682,464,768	2	472	7	5.22E+18	472
8,983	41,320	4	1,322,240	3	1,735,440	3	5.23E+18	41,320
8,984	2,391	5	2,269,601,757	2	47,820	4	5.23E+18	2,391
8,985	3,300	5	2,202,502,500	2	47,850	4	5.24E+18	1,650
8,986	5,544	5	10,626	4	2,291,321,340	2	5.25E+18	462
8,987	2,736	5	2,258,808,768	2	47,880	4	5.26E+18	1,368
8,988	2,532	5	2,271,327,857	2	47,897	4	5.26E+18	211
8,989	1,295	6	744,599,100	2	47,915	4	5.27E+18	1,295
8,990	5,508	5	21,573	4	2,299,161,753	2	5.29E+18	459
8,991	4,641	5	1,770,974,660	2	47,957	4	5.29E+18	1,547
8,992	440	7	1,448,128,000	2	1,742,400	3	5.29E+18	440
8,993	440	7	1,448,128,000	2	1,320	6	5.29E+18	440
8,994	249	7	1,736,028	3	2,300,299,101	2	5.29E+18	249
8,995	960	6	46,080	4	2,300,313,600	2	5.29E+18	960
8,996	47,964	4	15,988	3	1,742,692	3	5.29E+18	15,988
8,997	16,671	4	2,285,138,426	2	5,557	5	5.30E+18	5,557
8,998	5,484	5	584,568,351	2	47,985	4	5.30E+18	1,371
8,999	1,727,532	3	527,857	3	47,987	4	5.30E+18	47,987
9,000	5,544	5	16,632	4	2,305,195,200	2	5.31E+18	5,544
9,001	5,336	5	996,551,360	2	48,024	4	5.32E+18	5,336
9,002	4,929	5	39,432	4	2,308,028,895	2	5.33E+18	4,929
9,003	105	9	210	8	2,309,461,875	2	5.33E+18	105
9,004	105	9	44,100	4	2,309,461,875	2	5.33E+18	105
9,005	210	8	1,157,625	3	2,309,461,875	2	5.33E+18	105
9,006	4,459	5	1,529,437	3	1,747,928	3	5.34E+18	4,459
9,007	1,650,678	3	945,534	3	48,078	4	5.34E+18	16,026
9,008	465	7	930	6	2,312,526,375	2	5.35E+18	465
9,009	465	7	864,900	3	2,312,526,375	2	5.35E+18	465
9,010	38,017	4	1,482,663	3	1,748,782	3	5.35E+18	38,017
9,011	195	8	1,482,975	3	2,313,441,000	2	5.35E+18	195
9,012	47,278	4	709,170	3	1,749,286	3	5.35E+18	47,278
9,013	1,587,432	3	1,106,392	3	48,104	4	5.35E+18	48,104
9,014	5,520	5	22,080	4	2,315,750,400	2	5.36E+18	5,520

FermatCatalan

9,015	4,675	5	42,075	4	2,316,696,250	2	5.37E+18	4,675
9,016	26,138	4	1,698,970	3	1,751,246	3	5.37E+18	26,138
9,017	36,504	4	1,533,168	3	1,752,192	3	5.38E+18	36,504
9,018	4,816	5	1,669,957,632	2	48,160	4	5.38E+18	4,816
9,019	32,464	4	1,623,200	3	1,753,056	3	5.39E+18	32,464
9,020	1,320	6	314,067,600	2	48,180	4	5.39E+18	660
9,021	4,400	5	44,000	4	2,323,200,000	2	5.40E+18	4,400
9,022	5,168	5	36,176	4	2,323,615,488	2	5.40E+18	5,168
9,023	5,459	5	27,295	4	2,324,453,118	2	5.40E+18	5,459
9,024	3	38	27	13	2,324,522,934	2	5.40E+18	3
9,025	3	38	1,594,323	3	2,324,522,934	2	5.40E+18	3
9,026	3	39	3	38	2,324,522,934	2	5.40E+18	3
9,027	3	39	9	19	2,324,522,934	2	5.40E+18	3
9,028	9	19	27	13	2,324,522,934	2	5.40E+18	9
9,029	9	19	1,594,323	3	2,324,522,934	2	5.40E+18	9
9,030	174	8	2,138,817,744	2	1,756,008	3	5.41E+18	174
9,031	29,763	4	1,666,728	3	1,756,017	3	5.41E+18	29,763
9,032	3,447	5	2,221,898,283	2	48,258	4	5.42E+18	3,447
9,033	3,726	5	46,575	4	2,328,885,999	2	5.42E+18	1,863
9,034	20,917	4	1,736,111	3	1,757,028	3	5.42E+18	20,917
9,035	39,494	4	1,441,531	3	1,757,483	3	5.43E+18	19,747
9,036	4,180	5	45,144	4	2,330,119,264	2	5.43E+18	836
9,037	22,340	4	2,277,032,425	2	5,585	5	5.43E+18	5,585
9,038	48,031	4	334,380,652	2	5,585	5	5.43E+18	1,117
9,039	45,676	4	1,027,710	3	1,758,526	3	5.44E+18	22,838
9,040	91	8	1,758,107	3	2,332,146,258	2	5.44E+18	13
9,041	4,128	5	45,408	4	2,334,532,608	2	5.45E+18	4,128
9,042	1,721,136	3	709,345	3	48,329	4	5.46E+18	1,559
9,043	4,785	5	41,470	4	2,337,958,975	2	5.47E+18	1,595
9,044	2,604	5	2,312,950,176	2	48,360	4	5.47E+18	372
9,045	4,830	5	41,055	4	2,338,722,225	2	5.47E+18	2,415
9,046	2,409	5	48,180	4	2,338,722,243	2	5.47E+18	2,409
9,047	1,741,824	3	580,608	3	48,384	4	5.48E+18	48,384
9,048	1,548,576	3	1,209,825	3	48,393	4	5.48E+18	48,393
9,049	1,760,122	3	342,342	3	48,412	4	5.49E+18	3,458
9,050	1,260	6	35,280	4	2,355,998,400	2	5.55E+18	1,260
9,051	48,536	4	218,412	3	1,771,564	3	5.56E+18	24,268
9,052	1,651,210	3	1,019,865	3	48,565	4	5.56E+18	48,565
9,053	40,899	4	1,404,199	3	1,772,290	3	5.57E+18	13,633
9,054	5,609	5	11,218	4	2,359,566,075	2	5.57E+18	5,609
9,055	2,112	5	2,350,706,688	2	48,576	4	5.57E+18	2,112
9,056	3,036	5	2,304,324,000	2	48,576	4	5.57E+18	3,036
9,057	47,909	4	670,726	3	1,772,633	3	5.57E+18	47,909
9,058	44,317	4	1,196,559	3	1,772,680	3	5.57E+18	44,317
9,059	5,607	5	185,137,533	2	48,594	4	5.58E+18	1,869
9,060	1,766,345	3	421,330	3	48,615	4	5.59E+18	16,205
9,061	45,495	4	1,091,880	3	1,774,305	3	5.59E+18	45,495
9,062	48,393	4	467,799	3	1,774,410	3	5.59E+18	16,131
9,063	1,332	5	2,362,822,812	2	48,618	4	5.59E+18	666

FermatCatalan

9,064	44,936	4	1,230,476,871	2	5,617	5	5.59E+18	5,617
9,065	5,588	5	19,558	4	2,365,350,108	2	5.59E+18	2,794
9,066	5,405	5	993,276,850	2	48,645	4	5.60E+18	5,405
9,067	464	7	986,486,272	2	1,776,192	3	5.60E+18	464
9,068	1,776,455	3	170,345	3	48,670	4	5.61E+18	24,335
9,069	5,291	5	1,137,565	3	1,777,776	3	5.62E+18	5,291
9,070	2,865	5	2,331,135,900	2	48,705	4	5.63E+18	2,865
9,071	5,624	5	5,624	4	2,372,203,200	2	5.63E+18	5,624
9,072	1,704,745	3	876,726	3	48,707	4	5.63E+18	48,707
9,073	476	7	453,152	3	2,372,703,872	2	5.63E+18	476
9,074	1,125	6	1,898,437,500	2	75	10	5.63E+18	75
9,075	1,125	6	1,898,437,500	2	5,625	5	5.63E+18	1,125
9,076	1,265,625	3	1,898,437,500	2	75	10	5.63E+18	75
9,077	5,626	4	2,373,890,700	2	5,626	5	5.64E+18	5,626
9,078	3,199	5	47,985	4	2,374,195,432	2	5.64E+18	3,199
9,079	41	10	2,373,639,240	2	48,749	4	5.65E+18	41
9,080	1,681	5	2,373,639,240	2	48,749	4	5.65E+18	1,681
9,081	46,872	4	937,440	3	1,781,136	3	5.65E+18	46,872
9,082	1,414,562	3	1,414,562	3	48,778	4	5.66E+18	48,778
9,083	1,683	5	48,807	4	2,384,955,738	2	5.69E+18	1,683
9,084	4,440	5	1,991,073,600	2	48,840	4	5.69E+18	4,440
9,085	2,120	5	48,760	4	2,386,526,400	2	5.70E+18	2,120
9,086	1,758,708	3	635,089	3	48,853	4	5.70E+18	48,853
9,087	11,282	4	2,386,566,075	2	5,641	5	5.71E+18	5,641
9,088	1,694,784	3	945,168	3	48,888	4	5.71E+18	16,296
9,089	1,170	6	42,120	4	2,390,099,400	2	5.71E+18	1,170
9,090	5,439	5	989,898	3	1,789,431	3	5.73E+18	5,439
9,091	1,468,560	3	1,370,656	3	48,952	4	5.74E+18	48,952
9,092	39,550	4	1,819,582,500	2	5,650	5	5.76E+18	5,650
9,093	1,641,031	3	1,102,185	3	48,986	4	5.76E+18	24,493
9,094	48,456	4	629,928	3	1,792,872	3	5.76E+18	48,456
9,095	21	14	1,361,367	3	2,401,451,388	2	5.77E+18	21
9,096	441	7	1,361,367	3	2,401,451,388	2	5.77E+18	441
9,097	33,912	4	2,108,376,864	2	5,652	5	5.77E+18	5,652
9,098	5,640	5	15,980	4	2,402,508,400	2	5.77E+18	940
9,099	3,913	5	46,956	4	2,403,916,333	2	5.78E+18	3,913
9,100	424	7	1,829,400,576	2	1,797,760	3	5.81E+18	424
9,101	4,095	5	2,163,204,225	2	49,140	4	5.83E+18	4,095
9,102	2	61	1,879,048,192	2	49,152	4	5.84E+18	2
9,103	5,428	5	32,568	4	2,415,981,088	2	5.84E+18	5,428
9,104	28,330	4	2,279,352,476	2	5,666	5	5.84E+18	5,666
9,105	35,315	4	1,624,490	3	1,801,065	3	5.84E+18	35,315
9,106	810	6	48,600	4	2,421,009,000	2	5.86E+18	810
9,107	5,520	5	29,440	4	2,424,089,600	2	5.88E+18	1,840
9,108	5,472	5	988,111,872	2	49,248	4	5.88E+18	5,472
9,109	356	7	2,272,820,056	2	1,805,988	3	5.89E+18	356
9,110	49,296	4	32,864	3	1,807,520	3	5.91E+18	16,432
9,111	5,060	5	1,614,627,025	2	49,335	4	5.92E+18	1,265
9,112	48,925	4	587,100	3	1,810,225	3	5.93E+18	48,925

FermatCatalan

9,113	5,679	5	13,251	4	2,436,745,320	2	5.94E+18	1,893
9,114	5,385	5	34,464	4	2,437,010,829	2	5.94E+18	1,077
9,115	1,778,400	3	691,600	3	49,400	4	5.96E+18	49,400
9,116	476	7	647,101,056	2	1,812,608	3	5.96E+18	476
9,117	171	8	1,735,327	3	2,440,651,688	2	5.96E+18	19
9,118	5,202	5	1,468,048,617	2	49,419	4	5.96E+18	2,601
9,119	5,295	5	1,342,661,975	2	49,420	4	5.97E+18	1,765
9,120	5,664	5	19,824	4	2,446,168,320	2	5.98E+18	2,832
9,121	122	8	2,436,868,016	2	1,815,848	3	5.99E+18	122
9,122	122	8	2,436,868,016	2	122	9	5.99E+18	122
9,123	14,884	4	2,436,868,016	2	122	9	5.99E+18	122
9,124	1,533,694	3	1,335,798	3	49,474	4	5.99E+18	49,474
9,125	41,601	4	1,442,168	3	1,816,577	3	5.99E+18	13,867
9,126	115	9	39,675	4	2,448,608,750	2	6.00E+18	115
9,127	45,568	4	1,297,776,640	2	5,696	5	6.00E+18	5,696
9,128	3,798	5	2,282,725,233	2	5,697	5	6.00E+18	1,899
9,129	2,760	5	2,416,945,984	2	49,496	4	6.00E+18	184
9,130	4,716	5	1,918,256,580	2	49,518	4	6.01E+18	2,358
9,131	21,421	4	1,799,364	3	1,820,785	3	6.04E+18	21,421
9,132	40,472	4	1,497,464	3	1,821,240	3	6.04E+18	40,472
9,133	4,959	5	1,746,009,351	2	49,590	4	6.05E+18	4,959
9,134	17,118	4	2,441,882,700	2	5,706	5	6.05E+18	5,706
9,135	48,600	4	688,905,000	2	1,350	6	6.05E+18	1,350
9,136	111	9	1,872,286,839	2	1,823,508	3	6.06E+18	111
9,137	222	8	404,818,776	2	1,823,508	3	6.06E+18	222
9,138	1,320	6	29,700	4	2,463,318,000	2	6.07E+18	660
9,139	48,013	4	912,247	3	1,824,494	3	6.07E+18	48,013
9,140	5,695	5	17,085	4	2,464,909,900	2	6.08E+18	5,695
9,141	49,322	4	542,542	3	1,824,914	3	6.08E+18	49,322
9,142	44,532	4	1,291,428	3	1,825,812	3	6.09E+18	44,532
9,143	5,577	5	3,718	5	2,470,954,915	2	6.11E+18	1,859
9,144	1,740,690	3	944,946	3	49,734	4	6.12E+18	49,734
9,145	1,642,113	3	1,194,264	3	49,761	4	6.13E+18	49,761
9,146	1,195,011	3	2,103,771,636	2	483	7	6.13E+18	69
9,147	5,673	5	22,692	4	2,478,085,533	2	6.14E+18	5,673
9,148	26,936	4	1,777,776	3	1,831,648	3	6.15E+18	26,936
9,149	483	7	483	6	2,478,928,914	2	6.15E+18	483
9,150	483	7	233,289	3	2,478,928,914	2	6.15E+18	483
9,151	5,537	5	981,067,808	2	49,833	4	6.17E+18	5,537
9,152	210	8	1,336,500	3	2,483,865,000	2	6.17E+18	30
9,153	22,928	4	2,431,330,976	2	5,732	5	6.19E+18	5,732
9,154	1,828,750	3	415,625	3	49,875	4	6.19E+18	16,625
9,155	47,922	4	974,414	3	1,837,010	3	6.20E+18	15,974
9,156	49,653	4	496,530	3	1,837,161	3	6.20E+18	49,653
9,157	350	7	2,358,125,000	2	1,837,500	3	6.20E+18	350
9,158	5,704	5	408,728,676	2	49,910	4	6.21E+18	1,426
9,159	5,616	5	28,080	4	2,491,617,024	2	6.21E+18	5,616
9,160	5,256	5	1,484,872,560	2	49,932	4	6.22E+18	2,628
9,161	217	7	1,836,471	3	2,493,268,372	2	6.22E+18	217

FermatCatalan

9,162	47,152	4	1,084,496	3	1,838,928	3	6.22E+18	47,152
9,163	5,738	5	2,869	4	2,494,041,783	2	6.22E+18	2,869
9,164	1,698,368	3	1,098,944	3	49,952	4	6.23E+18	49,952
9,165	2,915	5	49,555	4	2,498,184,150	2	6.24E+18	2,915
9,166	990	6	2,303,480,025	2	49,995	4	6.25E+18	495
9,167	5,000	5	5,000	5	2,500,000,000	2	6.25E+18	5,000
9,168	5,000	5	5,000	5	50,000	4	6.25E+18	5,000
9,169	440	7	1,749,100,375	2	1,842,225	3	6.25E+18	55
9,170	1,801,116	3	750,465	3	50,031	4	6.27E+18	50,031
9,171	49,924	4	449,316	3	1,847,188	3	6.30E+18	49,924
9,172	5,343	5	37,401	4	2,512,193,112	2	6.31E+18	5,343
9,173	485	6	2,509,850,750	2	485	7	6.31E+18	485
9,174	235,225	3	2,509,850,750	2	485	7	6.31E+18	485
9,175	30,807	4	1,755,999	3	1,848,420	3	6.32E+18	30,807
9,176	1,830,402	3	576,702	3	50,148	4	6.32E+18	25,074
9,177	32,640	4	2,278,707,200	2	1,360	6	6.33E+18	1,360
9,178	5,120	5	40,960	4	2,516,582,400	2	6.33E+18	5,120
9,179	112	9	1,888,223,232	2	224	8	6.34E+18	112
9,180	112	9	1,888,223,232	2	50,176	4	6.34E+18	112
9,181	1,404,928	3	1,888,223,232	2	224	8	6.34E+18	224
9,182	165	8	1,796,850	3	2,520,082,125	2	6.35E+18	165
9,183	5,760	5	11,520	4	2,521,497,600	2	6.36E+18	5,760
9,184	40,355	4	1,927,643,050	2	5,765	5	6.37E+18	5,765
9,185	360	7	5,616	5	2,523,902,976	2	6.37E+18	72
9,186	1,922	5	2,519,365,288	2	5,766	5	6.37E+18	1,922
9,187	33,724	4	1,719,924	3	1,854,820	3	6.38E+18	33,724
9,188	346	7	1,795,740	3	2,526,725,896	2	6.38E+18	346
9,189	50,141	4	401,128	3	1,855,217	3	6.39E+18	50,141
9,190	392	7	5,488	5	2,529,924,096	2	6.40E+18	392
9,191	46,424	4	1,207,024	3	1,856,960	3	6.40E+18	46,424
9,192	1,180,980	3	2,181,033,864	2	486	7	6.40E+18	486
9,193	460	7	1,269,600	3	2,530,736,000	2	6.40E+18	460
9,194	3,108	5	49,728	4	2,530,831,968	2	6.41E+18	3,108
9,195	154	8	1,826,132	3	2,531,018,952	2	6.41E+18	154
9,196	5,254	5	39,405	4	2,532,714,343	2	6.41E+18	2,627
9,197	34,848	4	1,703,680	3	50,336	4	6.42E+18	3,872
9,198	1,611,008	3	1,308,944	3	50,344	4	6.42E+18	50,344
9,199	5,775	5	5,775	4	2,534,647,500	2	6.42E+18	5,775
9,200	2,722	5	2,506,190,313	2	50,357	4	6.43E+18	1,361
9,201	5,777	4	2,536,403,404	2	5,777	5	6.43E+18	5,777
9,202	46,216	4	1,368,322,889	2	5,777	5	6.43E+18	5,777
9,203	44,297	4	1,373,207	3	1,860,474	3	6.44E+18	44,297
9,204	50,310	4	352,170	3	1,861,470	3	6.45E+18	50,310
9,205	25,432	4	2,456,185,568	2	5,780	5	6.45E+18	1,156
9,206	42,309	4	1,480,815	3	1,861,596	3	6.45E+18	42,309
9,207	5,600	5	972,160,000	2	50,400	4	6.45E+18	5,600
9,208	7	22	4,802	5	2,542,277,241	2	6.46E+18	7
9,209	7	22	4,802	5	50,421	4	6.46E+18	7
9,210	49	11	4,802	5	2,542,277,241	2	6.46E+18	49

FermatCatalan

9,211	49	11	4,802	5	50,421	4	6.46E+18	49
9,212	4,802	5	1,977,326,743	2	50,421	4	6.46E+18	2,401
9,213	49,040	4	882,720	3	1,863,520	3	6.47E+18	49,040
9,214	34,710	4	2,242,237,075	2	5,785	5	6.48E+18	5,785
9,215	1,660,183	3	1,386,015,636	2	487	7	6.50E+18	487
9,216	50,437	4	302,622	3	1,866,169	3	6.50E+18	50,437
9,217	28	12	1,843,968	3	28	13	6.50E+18	28
9,218	784	6	1,843,968	3	28	13	6.50E+18	28
9,219	21,952	4	1,843,968	3	28	13	6.50E+18	28
9,220	1,843,968	3	614,656	3	28	13	6.50E+18	28
9,221	1,843,968	3	481,890,304	2	28	13	6.50E+18	28
9,222	3,894	5	48,675	4	2,551,214,457	2	6.51E+18	1,947
9,223	11,584	4	2,549,592,064	2	5,792	5	6.52E+18	5,792
9,224	39,368	4	1,603,210	3	1,868,426	3	6.52E+18	518
9,225	38,142	4	1,640,106	3	1,868,958	3	6.53E+18	38,142
9,226	50,528	4	252,640	3	1,869,536	3	6.53E+18	50,528
9,227	4,888	5	43,992	4	2,556,502,208	2	6.54E+18	4,888
9,228	39,823	4	1,592,920	3	1,871,681	3	6.56E+18	39,823
9,229	50,589	4	202,356	3	1,871,793	3	6.56E+18	50,589
9,230	1,788,432	3	944,832	3	50,616	4	6.56E+18	16,872
9,231	1,350	6	717,609,375	2	225	8	6.57E+18	225
9,232	1,350	6	717,609,375	2	15	16	6.57E+18	15
9,233	1,350	6	717,609,375	2	50,625	4	6.57E+18	675
9,234	1,822,500	3	717,609,375	2	225	8	6.57E+18	225
9,235	1,822,500	3	717,609,375	2	15	16	6.57E+18	15
9,236	50,626	4	151,878	3	1,873,162	3	6.57E+18	50,626
9,237	43,570	4	1,437,810	3	1,873,510	3	6.58E+18	43,570
9,238	3,428	5	49,706	4	2,564,695,908	2	6.58E+18	1,714
9,239	50,645	4	101,290	3	1,873,865	3	6.58E+18	50,645
9,240	42,592	4	42,592	4	1,874,048	3	6.58E+18	42,592
9,241	50,652	4	50,652	3	1,874,124	3	6.58E+18	50,652
9,242	1,874,198	3	50,654	3	50,654	4	6.58E+18	50,654
9,243	1,874,457	3	101,322	3	50,661	4	6.59E+18	50,661
9,244	1,875,160	3	152,040	3	50,680	4	6.60E+18	50,680
9,245	1,365	6	19,110	4	2,569,387,275	2	6.60E+18	1,365
9,246	66	8	2,570,395,256	2	1,876,468	3	6.61E+18	22
9,247	44	10	1,874,048	3	5,808	5	6.61E+18	44
9,248	1,936	5	1,874,048	3	5,808	5	6.61E+18	1,936
9,249	29,045	4	2,429,602,632	2	5,809	5	6.61E+18	5,809
9,250	1,876,529	3	202,868	3	50,717	4	6.62E+18	50,717
9,251	5,748	5	24,429	4	2,575,016,343	2	6.63E+18	1,437
9,252	1,827,072	3	812,032	3	50,752	4	6.63E+18	50,752
9,253	5,814	5	2,907	4	2,577,447,945	2	6.64E+18	2,907
9,254	1,878,786	3	253,890	3	50,778	4	6.65E+18	50,778
9,255	3,502	5	2,474,262,807	2	50,779	4	6.65E+18	1,751
9,256	286	7	2,549,908,504	2	1,881,308	3	6.66E+18	286
9,257	485	7	705,675	3	1,881,800	3	6.66E+18	485
9,258	3,912	5	2,402,687,808	2	50,856	4	6.69E+18	3,912
9,259	1,882,153	3	305,214	3	50,869	4	6.70E+18	50,869

FermatCatalan

9,260	1,780,625	3	1,017,500	3	50,875	4	6.70E+18	50,875
9,261	50,274	4	678,699	3	1,885,275	3	6.70E+18	25,137
9,262	21,931	4	1,864,135	3	1,886,066	3	6.71E+18	21,931
9,263	5,733	5	802,620	3	1,886,157	3	6.71E+18	5,733
9,264	41,462	4	1,554,825	3	1,886,521	3	6.71E+18	20,731
9,265	5,535	5	1,236,478,041	2	50,922	4	6.72E+18	1,107
9,266	5,661	5	961,407,630	2	50,949	4	6.74E+18	5,661
9,267	5,593	5	33,558	4	2,596,376,867	2	6.74E+18	5,593
9,268	1,653,372	3	1,492,286,328	2	18	15	6.75E+18	18
9,269	30,250	4	2,433,234,375	2	1,375	6	6.76E+18	1,375
9,270	1,886,852	3	356,972	3	50,996	4	6.76E+18	50,996
9,271	5,100	5	1,820,700,000	2	51,000	4	6.77E+18	5,100
9,272	397	7	1,733,699	3	1,891,308	3	6.77E+18	397
9,273	1,759,569	3	1,096,543	3	51,002	4	6.77E+18	25,501
9,274	1,572,900	3	1,700,251,000	2	490	7	6.78E+18	490
9,275	4,641	5	46,410	4	51,051	4	6.79E+18	4,641
9,276	4,641	5	46,410	4	2,606,204,601	2	6.79E+18	4,641
9,277	4,641	5	2,153,888,100	2	51,051	4	6.79E+18	4,641
9,278	48,984	4	1,012,336	3	1,894,048	3	6.79E+18	16,328
9,279	5,520	5	1,293,087,600	2	51,060	4	6.80E+18	1,380
9,280	51,084	4	13,662	3	1,895,454	3	6.81E+18	594
9,281	73	7	1,897,124	3	2,613,027,189	2	6.83E+18	73
9,282	487	7	577,506,515	2	1,897,352	3	6.83E+18	487
9,283	4,794	5	45,543	4	2,614,252,095	2	6.83E+18	2,397
9,284	92	9	2,523,046,456	2	1,898,052	3	6.84E+18	92
9,285	48,671	4	1,070,762	3	1,898,169	3	6.84E+18	48,671
9,286	49,959	4	849,303	3	1,898,442	3	6.84E+18	49,959
9,287	11,557	4	1,896,999	3	1,898,650	3	6.84E+18	1,651
9,288	1,893,105	3	409,320	3	51,165	4	6.85E+18	51,165
9,289	1,280	6	1,572,864,000	2	51,200	4	6.87E+18	1,280
9,290	50,931	4	526,287	3	1,901,424	3	6.87E+18	16,977
9,291	19,306	4	2,595,739,965	2	1,379	6	6.88E+18	1,379
9,292	17,571	4	2,607,138,124	2	5,857	5	6.89E+18	5,857
9,293	2,754	5	50,949	4	2,626,138,665	2	6.90E+18	1,377
9,294	51,246	4	177,390	3	1,903,986	3	6.90E+18	3,942
9,295	46,880	4	1,442,263,200	2	5,860	5	6.91E+18	5,860
9,296	5,856	5	1,952	5	1,905,152	3	6.91E+18	1,952
9,297	5,848	5	17,544	4	2,633,331,008	2	6.93E+18	5,848
9,298	43,023	4	1,520,146	3	1,907,353	3	6.94E+18	14,341
9,299	5,547	5	1,192,605	3	1,908,168	3	6.95E+18	5,547
9,300	5,346	5	40,095	4	2,636,478,801	2	6.95E+18	2,673
9,301	1,901,134	3	462,438	3	51,382	4	6.97E+18	51,382
9,302	1,541,670	3	1,490,281	3	51,389	4	6.97E+18	51,389
9,303	484,128	3	2,620,100,736	2	492	7	6.98E+18	492
9,304	1,391,868	3	2,069,284,104	2	492	7	6.98E+18	492
9,305	36,785	4	1,728,895	3	1,912,820	3	7.00E+18	36,785
9,306	427	7	1,281	6	2,647,052,422	2	7.01E+18	427
9,307	427	7	1,640,961	3	2,647,052,422	2	7.01E+18	427
9,308	27,746	4	1,858,982	3	1,914,474	3	7.02E+18	27,746

FermatCatalan

9,309	1,750,014	3	1,183,833	3	51,471	4	7.02E+18	51,471
9,310	5,828	5	23,312	4	2,649,315,552	2	7.02E+18	5,828
9,311	5,720	5	948,833,600	2	51,480	4	7.02E+18	5,720
9,312	204	8	1,591,812	3	2,651,958,792	2	7.03E+18	204
9,313	23,524	4	2,593,962,075	2	5,881	5	7.03E+18	5,881
9,314	3,839	5	49,907	4	2,652,825,780	2	7.04E+18	3,839
9,315	41,174	4	2,041,277,516	2	5,882	5	7.04E+18	5,882
9,316	48	11	1,981,808,640	2	1,916,928	3	7.04E+18	48
9,317	1,838,046	3	944,790	3	51,534	4	7.05E+18	17,178
9,318	5,880	5	13,377	4	2,657,237,121	2	7.06E+18	147
9,319	5,568	5	36,192	4	2,658,475,008	2	7.07E+18	2,784
9,320	1,701,546	3	1,289,050	3	51,562	4	7.07E+18	51,562
9,321	1,856,484	3	876,673	3	51,569	4	7.07E+18	51,569
9,322	40	10	1,920,000	3	2,662,400,000	2	7.09E+18	40
9,323	31	12	1,847,042	3	2,662,511,043	2	7.09E+18	31
9,324	48,652	4	1,143,322	3	1,921,754	3	7.10E+18	24,326
9,325	3,480	5	2,567,068,400	2	51,620	4	7.10E+18	580
9,326	1,911,161	3	516,530	3	51,653	4	7.12E+18	51,653
9,327	5,775	5	28,875	4	2,668,050,000	2	7.12E+18	5,775
9,328	3,609	5	50,526	4	2,670,100,605	2	7.13E+18	3,609
9,329	46,969	4	1,315,132	3	1,925,729	3	7.14E+18	46,969
9,330	2,484	5	51,543	4	2,674,420,335	2	7.15E+18	621
9,331	4,403	5	48,433	4	2,675,324,442	2	7.16E+18	4,403
9,332	1,080	6	48,600	4	2,676,888,000	2	7.17E+18	1,080
9,333	1,604,033	3	1,448,804	3	51,743	4	7.17E+18	51,743
9,334	5,904	5	1,476	5	2,679,648,480	2	7.18E+18	1,476
9,335	50,776	4	812,416	3	1,929,488	3	7.18E+18	50,776
9,336	60	8	1,930,500	3	2,682,315,000	2	7.19E+18	60
9,337	388	7	1,806,528	3	2,686,909,312	2	7.22E+18	388
9,338	48,375	4	1,209,375	3	1,935,000	3	7.25E+18	48,375
9,339	5,913	5	11,826	4	2,692,194,813	2	7.25E+18	5,913
9,340	35,520	4	2,383,155,200	2	5,920	5	7.27E+18	5,920
9,341	1,923,408	3	571,824	3	51,984	4	7.30E+18	51,984
9,342	1,923,408	3	571,824	3	228	8	7.30E+18	228
9,343	5,777	5	934,464,412	2	51,993	4	7.31E+18	5,777
9,344	1,010	6	49,995	4	2,703,520,025	2	7.31E+18	505
9,345	5,928	5	5,928	4	2,705,871,168	2	7.32E+18	5,928
9,346	26	13	2,201,024,904	2	1,942,148	3	7.33E+18	26
9,347	52,032	4	69,376	3	1,942,528	3	7.33E+18	17,344
9,348	5,910	5	18,715	4	2,707,897,975	2	7.33E+18	985
9,349	5,930	4	2,707,697,300	2	5,930	5	7.33E+18	5,930
9,350	5,037	5	2,024,071,438	2	52,049	4	7.34E+18	1,679
9,351	31,869	4	1,848,402	3	1,944,009	3	7.35E+18	31,869
9,352	5,520	5	38,640	4	2,711,865,600	2	7.35E+18	5,520
9,353	5,896	5	22,110	4	2,713,672,324	2	7.36E+18	1,474
9,354	192	8	1,769,472	3	2,717,908,992	2	7.39E+18	192
9,355	1,824,760	3	1,094,856	3	52,136	4	7.39E+18	52,136
9,356	5,768	5	31,724	4	2,719,808,112	2	7.40E+18	2,884
9,357	11,890	4	2,721,412,925	2	5,945	5	7.43E+18	5,945

FermatCatalan

9,358	47,560	4	1,519,750,075	2	5,945	5	7.43E+18	5,945
9,359	52,070	4	273,876,925	2	5,945	5	7.43E+18	205
9,360	4,352	5	2,424,307,712	2	52,224	4	7.44E+18	4,352
9,361	50,058	4	1,051,218	3	1,952,262	3	7.44E+18	50,058
9,362	22,447	4	1,930,442	3	1,952,889	3	7.45E+18	22,447
9,363	5	26	2,441,406,250	2	1,953,125	3	7.45E+18	5
9,364	5	26	2,441,406,250	2	5	27	7.45E+18	5
9,365	5	26	2,441,406,250	2	125	9	7.45E+18	5
9,366	25	13	2,441,406,250	2	1,953,125	3	7.45E+18	25
9,367	25	13	2,441,406,250	2	5	27	7.45E+18	5
9,368	25	13	2,441,406,250	2	125	9	7.45E+18	25
9,369	42,464	4	1,613,632	3	1,953,344	3	7.45E+18	42,464
9,370	43,743	4	1,560,167	3	1,953,854	3	7.46E+18	14,581
9,371	450	7	450	7	2,733,750,000	2	7.47E+18	450
9,372	29,770	4	2,587,858,468	2	5,954	5	7.48E+18	5,954
9,373	1,940,785	3	564,592	3	497	7	7.49E+18	497
9,374	51,497	4	772,455	3	1,956,886	3	7.49E+18	51,497
9,375	5,313	5	42,504	4	2,738,112,993	2	7.50E+18	5,313
9,376	1,938,097	3	628,572	3	52,381	4	7.53E+18	52,381
9,377	2,674	5	52,143	4	2,743,918,415	2	7.53E+18	1,337
9,378	114	9	45,486	4	2,744,560,260	2	7.53E+18	114
9,379	5,239	5	1,893,851,349	2	52,390	4	7.53E+18	5,239
9,380	369	7	1,875,996	3	2,744,778,825	2	7.53E+18	369
9,381	35,008	4	1,820,416	3	1,960,448	3	7.53E+18	35,008
9,382	4,956	5	2,139,788,105	2	52,451	4	7.57E+18	413
9,383	1,678,432	3	1,416,177	3	52,451	4	7.57E+18	52,451
9,384	4,908	5	46,626	4	2,752,107,012	2	7.57E+18	2,454
9,385	1,959,440	3	402,385	3	52,485	4	7.59E+18	17,495
9,386	18	15	972	6	2,754,990,144	2	7.59E+18	18
9,387	18	15	972	6	52,488	4	7.59E+18	18
9,388	18	15	944,784	3	2,754,990,144	2	7.59E+18	18
9,389	18	15	944,784	3	52,488	4	7.59E+18	18
9,390	18	15	918,330,048	2	52,488	4	7.59E+18	18
9,391	972	6	5,832	5	2,754,990,144	2	7.59E+18	972
9,392	972	6	5,832	5	52,488	4	7.59E+18	972
9,393	972	6	1,889,568	3	52,488	4	7.59E+18	972
9,394	5,832	5	944,784	3	52,488	4	7.59E+18	5,832
9,395	5,832	5	918,330,048	2	52,488	4	7.59E+18	5,832
9,396	1,889,568	3	944,784	3	52,488	4	7.59E+18	52,488
9,397	5,654	5	36,751	4	2,757,215,505	2	7.60E+18	2,827
9,398	147	7	2,757,221,964	2	1,966,419	3	7.60E+18	147
9,399	52,227	4	557,088	3	1,967,217	3	7.61E+18	17,409
9,400	260	7	1,960,400	3	2,759,432,000	2	7.61E+18	260
9,401	5,202	5	5,202	5	2,760,202,008	2	7.62E+18	5,202
9,402	116	7	2,760,639,688	2	1,967,940	3	7.62E+18	116
9,403	496	7	488,095,744	2	1,968,128	3	7.62E+18	496
9,404	1,969,396	3	194,060	3	52,584	4	7.65E+18	1,252
9,405	50,544	4	1,064,456,640	2	1,404	6	7.66E+18	1,404
9,406	52,568	4	289,124	3	1,971,300	3	7.66E+18	26,284

FermatCatalan

9,407	721	6	2,744,760,480	2	52,633	4	7.67E+18	721
9,408	28	13	32,928	4	2,770,869,248	2	7.68E+18	28
9,409	1,406	5	2,778,937,207	2	52,725	4	7.73E+18	703
9,410	47,088	4	1,412,640	3	1,977,696	3	7.74E+18	47,088
9,411	1,978,125	3	131,875	3	52,750	4	7.74E+18	26,375
9,412	4,340	5	49,910	4	2,782,959,900	2	7.74E+18	2,170
9,413	4,830	5	2,262,580,831	2	52,759	4	7.75E+18	7
9,414	5,760	5	34,560	4	2,786,918,400	2	7.77E+18	5,760
9,415	52,128	4	729,792	3	1,980,864	3	7.77E+18	52,128
9,416	42,007	4	2,160,720,060	2	6,001	5	7.78E+18	6,001
9,417	119	9	1,734,028,611	2	1,982,540	3	7.79E+18	119
9,418	1,955,450	3	687,050	3	52,850	4	7.80E+18	52,850
9,419	50,000	4	1,250,000,000	2	500	7	7.81E+18	500
9,420	1,937,500	3	734,375,000	2	500	7	7.81E+18	500
9,421	584,016	3	2,762,590,352	2	230	8	7.83E+18	46
9,422	18,030	4	2,781,247,700	2	6,010	5	7.84E+18	6,010
9,423	6,006	5	15,015	4	2,804,600,799	2	7.87E+18	3,003
9,424	5,885	5	900,463,850	2	52,965	4	7.87E+18	5,885
9,425	449	7	1,612,808	3	2,806,084,319	2	7.87E+18	449
9,426	39,816	4	1,751,904	3	1,990,800	3	7.89E+18	39,816
9,427	6,003	5	18,009	4	2,810,808,702	2	7.90E+18	6,003
9,428	5,103	5	45,927	4	2,812,385,772	2	7.91E+18	5,103
9,429	50	10	500	7	2,812,500,000	2	7.91E+18	50
9,430	500	7	2,500	5	2,812,500,000	2	7.91E+18	500
9,431	3,536	5	2,713,215,232	2	53,040	4	7.91E+18	3,536
9,432	5,850	5	32,175	4	2,814,800,625	2	7.92E+18	2,925
9,433	42,360	4	2,169,193,472	2	1,412	6	7.93E+18	1,412
9,434	1,806,352	3	1,275,072	3	53,128	4	7.97E+18	53,128
9,435	5,950	5	26,775	4	2,823,349,375	2	7.97E+18	2,975
9,436	4,228	5	50,736	4	2,824,405,472	2	7.98E+18	4,228
9,437	24,128	4	2,765,261,824	2	6,032	5	7.99E+18	6,032
9,438	48,256	4	1,600,941,056	2	6,032	5	7.99E+18	6,032
9,439	28,568	4	1,942,624	3	1,999,760	3	8.00E+18	28,568
9,440	5,898	5	30,473	4	2,828,327,903	2	8.00E+18	983
9,441	41,671	4	1,708,511	3	2,000,208	3	8.00E+18	41,671
9,442	1,000,188	3	2,646,497,448	2	126	9	8.00E+18	126
9,443	5,985	5	23,940	4	2,829,797,775	2	8.01E+18	5,985
9,444	44,469	4	1,600,884	3	2,001,105	3	8.01E+18	44,469
9,445	51,319	4	1,026,380	3	2,001,441	3	8.02E+18	51,319
9,446	52,675	4	684,775	3	2,001,650	3	8.02E+18	52,675
9,447	4,840	5	2,319,134,400	2	53,240	4	8.03E+18	4,840
9,448	6,040	5	9,060	4	2,836,444,400	2	8.05E+18	3,020
9,449	4,680	5	49,140	4	2,841,836,400	2	8.08E+18	2,340
9,450	224	8	1,204,224	3	2,007,040	3	8.08E+18	224
9,451	50,176	4	1,204,224	3	2,007,040	3	8.08E+18	50,176
9,452	1,851,417	3	1,203,802	3	53,333	4	8.09E+18	7,619
9,453	4,884	5	48,026	4	2,845,849,820	2	8.10E+18	814
9,454	1,894,067	3	1,093,757	3	53,354	4	8.10E+18	26,677
9,455	830,060	3	2,745,132,929	2	231	8	8.11E+18	77

FermatCatalan

9,456	1,120,581	3	2,588,542,110	2	231	8	8.11E+18	231
9,457	1,760,913	3	1,627,083,612	2	231	8	8.11E+18	231
9,458	46,739	4	1,495,648	3	2,009,777	3	8.12E+18	46,739
9,459	26,703	4	1,967,328	3	2,010,177	3	8.12E+18	621
9,460	5,620	5	1,587,116,100	2	53,390	4	8.13E+18	2,810
9,461	1,975,689	3	747,558	3	53,397	4	8.13E+18	53,397
9,462	51,144	4	1,091,072	3	2,011,664	3	8.14E+18	17,048
9,463	5,936	5	29,680	4	2,854,123,776	2	8.15E+18	5,936
9,464	5,936	5	29,680	4	53,424	4	8.15E+18	5,936
9,465	5,936	5	880,902,400	2	53,424	4	8.15E+18	5,936
9,466	36,342	4	2,531,420,181	2	6,057	5	8.15E+18	6,057
9,467	53,436	4	89,060	3	2,012,756	3	8.15E+18	17,812
9,468	473	7	1,693,181,072	2	1,419	6	8.16E+18	473
9,469	473	7	1,693,181,072	2	2,013,561	3	8.16E+18	473
9,470	48,112	4	1,412,320	3	2,014,496	3	8.18E+18	1,552
9,471	1,943,034	3	944,778	3	53,478	4	8.18E+18	17,826
9,472	3,820	5	2,714,186,400	2	53,480	4	8.18E+18	3,820
9,473	1,765,929	3	1,391,338	3	53,513	4	8.20E+18	53,513
9,474	1,926,540	3	1,016,785	3	53,515	4	8.20E+18	53,515
9,475	1,873,305	3	1,177,506	3	53,523	4	8.21E+18	53,523
9,476	45,880	4	1,559,920	3	2,018,720	3	8.23E+18	45,880
9,477	49,238	4	1,329,426	3	2,018,758	3	8.23E+18	49,238
9,478	53,144	4	637,728	3	2,019,472	3	8.24E+18	53,144
9,479	6,068	5	12,136	4	2,872,008,672	2	8.25E+18	6,068
9,480	22,969	4	1,998,303	3	2,021,272	3	8.26E+18	22,969
9,481	43,478	4	1,673,903	3	2,021,727	3	8.26E+18	21,739
9,482	503	7	381,790,581	2	2,024,072	3	8.29E+18	503
9,483	1,200	6	48,000	4	2,880,000,000	2	8.29E+18	1,200
9,484	6,083	5	6,083	4	2,886,225,342	2	8.33E+18	6,083
9,485	139,932	3	2,886,699,816	2	78	10	8.34E+18	78
9,486	6,085	4	2,888,123,550	2	6,085	5	8.34E+18	6,085
9,487	5,376	5	1,965,293,568	2	53,760	4	8.35E+18	5,376
9,488	38,285	4	1,837,680	3	2,029,105	3	8.35E+18	38,285
9,489	28	13	1,229,312	3	2,891,341,824	2	8.36E+18	28
9,490	1,010	6	2,704,540,125	2	505	7	8.38E+18	505
9,491	1,020,100	3	2,704,540,125	2	505	7	8.38E+18	505
9,492	1,530,150	3	2,189,389,625	2	505	7	8.38E+18	505
9,493	24	13	1,957,888	3	2,895,118,336	2	8.38E+18	8
9,494	5,380	5	44,385	4	2,896,249,025	2	8.39E+18	1,345
9,495	78	10	15,210	4	2,896,428,132	2	8.39E+18	78
9,496	6,084	5	15,210	4	2,896,428,132	2	8.39E+18	3,042
9,497	504	7	508,032	3	2,032,128	3	8.39E+18	504
9,498	1,291,776	3	2,497,433,600	2	232	8	8.39E+18	232
9,499	2,027,785	3	394,790	3	53,835	4	8.40E+18	17,945
9,500	75	10	1,406,250	3	2,900,390,625	2	8.41E+18	75
9,501	5,670	5	1,599,407,775	2	53,865	4	8.42E+18	2,835
9,502	5,985	5	859,685,400	2	53,865	4	8.42E+18	5,985
9,503	53,541	4	588,951	3	2,034,558	3	8.42E+18	53,541
9,504	2,020,950	3	565,866	3	53,892	4	8.44E+18	26,946

FermatCatalan

9,505	12,200	4	2,902,380,000	2	6,100	5	8.45E+18	6,100
9,506	6,100	5	915	4	2,906,194,025	2	8.45E+18	305
9,507	30,505	4	2,754,442,874	2	6,101	5	8.45E+18	6,101
9,508	1,288	6	44,436	4	2,909,373,040	2	8.46E+18	644
9,509	502	7	756,012	3	2,909,638,184	2	8.47E+18	502
9,510	4,884	5	48,840	4	2,910,121,632	2	8.47E+18	4,884
9,511	1,799	5	2,909,524,499	2	53,970	4	8.48E+18	1,799
9,512	448,063	3	2,898,775,583	2	506	7	8.49E+18	253
9,513	1,620,000	3	1,620,000	3	54,000	4	8.50E+18	54,000
9,514	6,030	5	27,135	4	2,917,962,225	2	8.51E+18	3,015
9,515	1,999,036	3	810,420	3	54,028	4	8.52E+18	54,028
9,516	32,949	4	1,943,991	3	2,042,838	3	8.53E+18	32,949
9,517	141	8	2,893,962,302	2	2,043,325	3	8.53E+18	47
9,518	350	7	1,990,625	3	2,920,859,375	2	8.53E+18	175
9,519	431	7	2,401,889,730	2	2,043,371	3	8.53E+18	431
9,520	6,111	5	10,185	4	2,921,155,776	2	8.53E+18	2,037
9,521	1,801	5	54,030	4	2,922,484,501	2	8.54E+18	1,801
9,522	5,699	5	39,893	4	2,923,074,090	2	8.54E+18	5,699
9,523	1,040	6	2,699,673,600	2	54,080	4	8.55E+18	1,040
9,524	52,460	4	996,740	3	2,045,940	3	8.56E+18	52,460
9,525	6,118	5	9,177	4	2,928,891,553	2	8.58E+18	3,059
9,526	53,872	4	538,720	3	2,047,136	3	8.58E+18	53,872
9,527	48,968	4	1,685,998,845	2	6,121	5	8.59E+18	6,121
9,528	42,854	4	2,286,211,924	2	6,122	5	8.60E+18	6,122
9,529	45,201	4	1,642,303	3	2,049,112	3	8.60E+18	15,067
9,530	1,679,580	3	1,571,220	3	54,180	4	8.62E+18	54,180
9,531	6,032	5	836,855,552	2	54,288	4	8.69E+18	6,032
9,532	54,143	4	487,287	3	2,057,434	3	8.71E+18	54,143
9,533	1,935,312	3	1,137,697	3	54,343	4	8.72E+18	1,753
9,534	5,988	5	31,936	4	2,956,139,872	2	8.74E+18	1,996
9,535	2	55	2,952,790,016	2	6,144	5	8.75E+18	2
9,536	32	11	2,952,790,016	2	6,144	5	8.75E+18	32
9,537	2,048	5	2,952,790,016	2	6,144	5	8.75E+18	2,048
9,538	508	7	262,193,024	2	2,064,512	3	8.80E+18	508
9,539	54,360	4	434,880	3	2,065,680	3	8.81E+18	54,360
9,540	1,998,480	3	944,736	3	54,504	4	8.82E+18	18,168
9,541	5,508	5	44,064	4	2,973,130,272	2	8.84E+18	5,508
9,542	2,049,948	3	609,444	3	6,156	5	8.84E+18	6,156
9,543	140	8	2,058,000	3	2,977,240,000	2	8.86E+18	140
9,544	2,872	5	2,944,673,088	2	54,568	4	8.87E+18	2,872
9,545	36,316	4	1,924,748	3	2,070,012	3	8.87E+18	36,316
9,546	82	8	2,070,992	3	2,980,695,408	2	8.88E+18	82
9,547	54,529	4	381,703	3	2,072,102	3	8.90E+18	54,529
9,548	52,242	4	1,131,910	3	2,072,266	3	8.90E+18	17,414
9,549	18,495	4	2,964,563,550	2	6,165	5	8.91E+18	6,165
9,550	51,833	4	1,192,159	3	2,073,320	3	8.91E+18	51,833
9,551	4,488	5	51,612	4	2,986,072,848	2	8.92E+18	2,244
9,552	1,967,616	3	1,093,120	3	54,656	4	8.92E+18	54,656
9,553	77	10	35,574	4	2,988,008,485	2	8.93E+18	77

FermatCatalan

9,554	5,929	5	35,574	4	2,988,008,485	2	8.93E+18	5,929
9,555	1,215	6	2,391,484,500	2	54,675	4	8.94E+18	1,215
9,556	6,077	5	812,458,438	2	54,693	4	8.95E+18	6,077
9,557	54,656	4	327,936	3	2,076,928	3	8.96E+18	54,656
9,558	1,751,040	3	1,532,160	3	54,720	4	8.97E+18	54,720
9,559	316	7	2,053,289	3	2,995,211,925	2	8.97E+18	79
9,560	2,025,713	3	875,984	3	54,749	4	8.98E+18	54,749
9,561	6,160	5	18,480	4	2,997,702,400	2	8.99E+18	6,160
9,562	1,404	6	1,153,161,360	2	54,756	4	8.99E+18	1,404
9,563	1,404	6	1,153,161,360	2	234	8	8.99E+18	234
9,564	1,108,080	3	2,762,023,536	2	234	8	8.99E+18	18
9,565	1,916,460	3	1,396,606,536	2	234	8	8.99E+18	234
9,566	1,971,216	3	1,153,161,360	2	234	8	8.99E+18	234
9,567	54,018	4	783,261	3	2,079,693	3	8.99E+18	27,009
9,568	10	18	2,000,000	3	3,000,000,000	2	9.00E+18	10
9,569	100	9	2,000,000	3	3,000,000,000	2	9.00E+18	100
9,570	54,747	4	273,735	3	2,080,386	3	9.00E+18	54,747
9,571	54,808	4	219,232	3	2,082,704	3	9.03E+18	54,808
9,572	24,740	4	2,945,575,325	2	6,185	5	9.05E+18	6,185
9,573	54,845	4	164,535	3	2,084,110	3	9.05E+18	54,845
9,574	54,864	4	109,728	3	2,084,832	3	9.06E+18	54,864
9,575	54,871	4	54,871	3	2,085,098	3	9.07E+18	54,871
9,576	2,085,174	3	54,873	3	54,873	4	9.07E+18	54,873
9,577	2,085,440	3	109,760	3	54,880	4	9.07E+18	54,880
9,578	53,487	4	962,766	3	2,085,993	3	9.08E+18	53,487
9,579	4,810	5	50,505	4	3,013,477,025	2	9.08E+18	2,405
9,580	2,086,162	3	164,697	3	54,899	4	9.08E+18	54,899
9,581	1,292	6	2,107,028,484	2	54,910	4	9.09E+18	646
9,582	6,175	5	335,811,225	2	54,910	4	9.09E+18	95
9,583	49,699	4	1,441,271	3	2,087,358	3	9.09E+18	49,699
9,584	29,402	4	2,028,738	3	2,087,542	3	9.10E+18	29,402
9,585	783,363	3	2,935,522,282	2	511	7	9.10E+18	511
9,586	65	10	2,784,697,500	2	54,925	4	9.10E+18	65
9,587	4,225	5	2,784,697,500	2	54,925	4	9.10E+18	4,225
9,588	1,867,586	3	1,373,225	3	54,929	4	9.10E+18	54,929
9,589	49,130	4	1,810,317,675	2	1,445	6	9.10E+18	1,445
9,590	2,087,568	3	219,744	3	54,936	4	9.11E+18	54,936
9,591	47,385	4	1,596,510	3	2,088,585	3	9.11E+18	3,645
9,592	511	7	511	6	2,088,968	3	9.12E+18	511
9,593	511	7	261,121	3	2,088,968	3	9.12E+18	511
9,594	511	7	133,432,831	2	2,088,968	3	9.12E+18	511
9,595	6,144	5	24,576	4	3,019,898,880	2	9.12E+18	6,144
9,596	37,176	4	2,687,329,120	2	6,196	5	9.13E+18	6,196
9,597	23,497	4	2,067,736	3	2,091,233	3	9.15E+18	23,497
9,598	2,089,886	3	274,985	3	54,997	4	9.15E+18	54,997
9,599	44,504	4	1,735,656	3	2,091,688	3	9.15E+18	44,504
9,600	3,100	5	2,979,100,000	2	6,200	5	9.16E+18	3,100
9,601	1,926,470	3	1,265,966	3	55,042	4	9.18E+18	55,042
9,602	51,724	4	1,267,238	3	2,094,822	3	9.19E+18	25,862

FermatCatalan

9,603	6,120	5	786,542,400	2	55,080	4	9.20E+18	6,120
9,604	2,093,344	3	330,528	3	55,088	4	9.21E+18	55,088
9,605	2	62	2	62	512	7	9.22E+18	2
9,606	2	62	2	62	8	21	9.22E+18	2
9,607	2	62	2	62	128	9	9.22E+18	2
9,608	2	62	2	62	2	63	9.22E+18	2
9,609	2	62	2	62	2,097,152	3	9.22E+18	2
9,610	2	62	4	31	512	7	9.22E+18	2
9,611	2	62	4	31	8	21	9.22E+18	2
9,612	2	62	4	31	128	9	9.22E+18	2
9,613	2	62	4	31	2	63	9.22E+18	2
9,614	2	62	4	31	2,097,152	3	9.22E+18	2
9,615	2	62	2,147,483,648	2	512	7	9.22E+18	2
9,616	2	62	2,147,483,648	2	8	21	9.22E+18	2
9,617	2	62	2,147,483,648	2	128	9	9.22E+18	2
9,618	2	62	2,147,483,648	2	2	63	9.22E+18	2
9,619	2	62	2,147,483,648	2	2,097,152	3	9.22E+18	2
9,620	4	31	4	31	512	7	9.22E+18	4
9,621	4	31	4	31	8	21	9.22E+18	4
9,622	4	31	4	31	128	9	9.22E+18	4
9,623	4	31	4	31	2	63	9.22E+18	2
9,624	4	31	4	31	2,097,152	3	9.22E+18	4
9,625	4	31	2,147,483,648	2	512	7	9.22E+18	4
9,626	4	31	2,147,483,648	2	8	21	9.22E+18	4
9,627	4	31	2,147,483,648	2	128	9	9.22E+18	4
9,628	4	31	2,147,483,648	2	2	63	9.22E+18	2
9,629	4	31	2,147,483,648	2	2,097,152	3	9.22E+18	4
9,630	1,835,008	3	1,744,830,464	2	512	7	9.22E+18	512
9,631	1,835,008	3	1,744,830,464	2	8	21	9.22E+18	8
9,632	1,835,008	3	1,744,830,464	2	128	9	9.22E+18	128
9,633	1,835,008	3	1,744,830,464	2	2	63	9.22E+18	2
9,634	5,511	5	2,034,865,107	2	55,110	4	9.22E+18	5,511
9,635	45,939	4	1,684,430	3	2,097,881	3	9.23E+18	15,313
9,636	184	7	3,039,997,952	2	2,099,072	3	9.25E+18	184
9,637	49,696	4	1,775,091,424	2	6,212	5	9.25E+18	6,212
9,638	5,408	5	5,408	5	3,041,632,256	2	9.25E+18	5,408
9,639	4,680	5	51,480	4	3,044,433,600	2	9.27E+18	4,680
9,640	1,365	6	40,950	4	3,046,372,875	2	9.28E+18	1,365
9,641	2,300	5	3,036,460,000	2	55,200	4	9.28E+18	2,300
9,642	2,098,170	3	386,505	3	55,215	4	9.29E+18	55,215
9,643	6,099	5	30,495	4	3,050,219,682	2	9.30E+18	6,099
9,644	54,873	4	621,894	3	2,103,465	3	9.31E+18	18,291
9,645	51,345	4	1,334,970	3	2,105,145	3	9.33E+18	51,345
9,646	4,607	5	2,695,505,023	2	55,284	4	9.34E+18	4,607
9,647	513	6	2,105,352	3	513	7	9.35E+18	513
9,648	2,105,352	3	263,169	3	513	7	9.35E+18	513
9,649	2,105,352	3	135,005,697	2	513	7	9.35E+18	513
9,650	1,440	6	25,920	4	3,060,633,600	2	9.37E+18	1,440
9,651	6,225	5	12,450	4	3,061,299,375	2	9.37E+18	6,225

FermatCatalan

9,652	2,637	5	3,045,750,822	2	55,377	4	9.40E+18	2,637
9,653	7	22	1,764,735	3	3,066,874,132	2	9.41E+18	7
9,654	49	11	1,764,735	3	3,066,874,132	2	9.41E+18	49
9,655	2,104,592	3	443,072	3	55,384	4	9.41E+18	55,384
9,656	5,037	5	2,486,394,162	2	55,407	4	9.42E+18	5,037
9,657	223	8	1,491,870	3	3,071,810,059	2	9.44E+18	223
9,658	396	6	55,440	4	3,074,220,864	2	9.45E+18	396
9,659	4,780	5	2,637,619,296	2	55,448	4	9.45E+18	956
9,660	6,161	5	759,158,420	2	55,449	4	9.45E+18	6,161
9,661	6,210	5	21,735	4	3,075,486,975	2	9.46E+18	3,105
9,662	6,240	5	6,240	4	3,076,070,400	2	9.46E+18	6,240
9,663	2,904	5	55,176	4	3,078,123,840	2	9.47E+18	2,904
9,664	6,242	4	3,078,042,556	2	6,242	5	9.48E+18	6,242
9,665	2,308	5	55,392	4	3,078,927,392	2	9.48E+18	2,308
9,666	43,715	4	2,418,001,550	2	6,245	5	9.50E+18	6,245
9,667	41,526	4	1,868,670	3	2,117,826	3	9.50E+18	41,526
9,668	5,320	5	47,880	4	3,084,961,600	2	9.52E+18	5,320
9,669	2,055,942	3	944,622	3	55,566	4	9.53E+18	55,566
9,670	31,250	4	2,929,687,500	2	6,250	5	9.54E+18	6,250
9,671	54,406	4	924,902	3	2,121,834	3	9.55E+18	54,406
9,672	2,112,838	3	500,409	3	55,601	4	9.56E+18	55,601
9,673	1,835,460	3	1,501,740	3	55,620	4	9.57E+18	55,620
9,674	12,514	4	3,092,853,871	2	6,257	5	9.59E+18	6,257
9,675	5,220	5	48,894	4	3,096,901,764	2	9.59E+18	174
9,676	116	7	3,099,939,456	2	2,126,048	3	9.61E+18	116
9,677	2,504	4	3,100,522,912	2	6,260	5	9.61E+18	1,252
9,678	322	7	1,449	6	3,100,747,783	2	9.61E+18	161
9,679	322	7	2,099,601	3	3,100,747,783	2	9.61E+18	161
9,680	55,685	4	421,615	3	2,131,940	3	9.69E+18	7,955
9,681	6,200	5	730,360,000	2	55,800	4	9.69E+18	6,200
9,682	28	13	1,789,878,272	2	6,272	5	9.71E+18	28
9,683	2,107,392	3	702,464	3	6,272	5	9.71E+18	6,272
9,684	6,273	5	8,364	4	3,117,436,353	2	9.72E+18	2,091
9,685	53,352	4	1,173,744	3	2,134,080	3	9.72E+18	53,352
9,686	43,561	4	1,829,562	3	2,134,489	3	9.72E+18	43,561
9,687	231	8	1,173,942	3	3,118,576,923	2	9.73E+18	231
9,688	1,092	6	53,235	4	3,118,815,063	2	9.73E+18	273
9,689	946,688	3	2,981,830,528	2	516	7	9.74E+18	172
9,690	1,181,511	3	2,844,362,925	2	516	7	9.74E+18	129
9,691	2,130,048	3	274,776,192	2	516	7	9.74E+18	516
9,692	46,865	4	1,700,530	3	2,135,705	3	9.74E+18	6,695
9,693	2,123,136	3	558,720	3	55,872	4	9.74E+18	55,872
9,694	3,510	5	55,107	4	3,123,268,551	2	9.75E+18	351
9,695	50	11	50	11	3,125,000,000	2	9.77E+18	50
9,696	500	7	1,250,000	3	3,125,000,000	2	9.77E+18	500
9,697	49,716	4	1,541,196	3	2,137,788	3	9.77E+18	49,716
9,698	2,013,012	3	1,174,257	3	55,917	4	9.78E+18	55,917
9,699	3,664	5	54,960	4	3,128,000,768	2	9.78E+18	3,664
9,700	24	13	1,440	6	3,129,311,232	2	9.79E+18	24

FermatCatalan

9,701	24	13	2,073,600	3	3,129,311,232	2	9.79E+18	24
9,702	2,655	5	55,755	4	3,129,767,100	2	9.80E+18	2,655
9,703	6,015	5	37,293	4	3,131,760,276	2	9.81E+18	1,203
9,704	6,125	5	1,071,875	3	2,143,750	3	9.85E+18	6,125
9,705	2,076,360	3	968,968	3	6,292	5	9.86E+18	6,292
9,706	2,045,533	3	1,092,819	3	56,042	4	9.86E+18	28,021
9,707	34,047	4	2,042,820	3	2,144,961	3	9.87E+18	34,047
9,708	2,067,182	3	1,029,059,101	2	129	9	9.89E+18	43
9,709	5,880	5	41,160	4	3,146,270,400	2	9.90E+18	5,880
9,710	46,683	4	1,727,271	3	2,147,418	3	9.90E+18	46,683
9,711	6,237	5	700,203,042	2	56,133	4	9.93E+18	6,237
9,712	294	7	3,121,766,137	2	2,149,777	3	9.94E+18	49
9,713	39,815	4	1,950,935	3	2,150,010	3	9.94E+18	39,815
9,714	986,078	3	2,999,156,237	2	237	8	9.95E+18	79
9,715	5,488	5	5,488	5	2,151,296	3	9.96E+18	5,488
9,716	23,959	4	3,103,916,192	2	6,305	5	9.96E+18	1,261
9,717	50,440	4	1,868,392,175	2	6,305	5	9.96E+18	6,305
9,718	104	9	54,080	4	3,158,618,112	2	9.98E+18	104
9,719	2,135,714	3	618,233	3	56,203	4	9.98E+18	56,203
9,720	55,223	4	883,568	3	2,153,697	3	9.99E+18	55,223
9,721	138	8	3,140,643,376	2	2,154,088	3	1.00E+19	46
9,722	10	18	3,000,000,000	2	10	19	1.00E+19	10
9,723	100	9	3,000,000,000	2	10	19	1.00E+19	10
9,724	1,000	6	3,000,000,000	2	10	19	1.00E+19	10
9,725	1,000,000	3	3,000,000,000	2	10	19	1.00E+19	10

Sum

10