FreeProductsBaseGroup

July 6, 2018

Group : $C_2 * C_3$

Searching up to index : 2500

How many normal groups are found : 527

Total Time in ms : 522870

Number	Index	Supergroups
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6	12	[3]
7	18	[4, 5]
8	24	[4, 6]
9	24	[5]
10	42	[4]
11	42	[4]
12	48	[9]
13	48	[8]
14	54	[7]
15	60	[1]
16	72	[7, 9]
17	72	[7, 8]
18	78	[4]
19	78	[4]
20	96	[8]
21	96	[9]

22	114	[4]
23	114	[4]
24	120	[2, 15]
25	126	[7, 10]
26	126	[7, 11]
27	144	[12, 16]
28	144	[13, 17]
29	150	[4]
30	150	[5]
31	162	[14]
32	162	[14]
33	168	[1]
34	168	[8, 11]
35	168	[8, 10]
36	180	[3, 15]
37	186	[4]
38	186	[4]
39	192	[13, 20]
40	192	[12, 21]
41	216	[14, 17]
42	216	[14, 16]
43	222	[4]
44	222	[4]
45	234	[7, 19]
46	234	[7, 18]
47	240	[24]
48	258	[4]
49	258	[4]
50	288	[16, 17]
51	288	[16, 21]
52	288	[17, 20]
53	294	[5]
54	294	[10]
55	294	[10, 11]
56	294	[11]
57	312	[8, 19]
58	312	[8, 18]
59	324	[6]

60	336	[2]
61	336	[2]
62	336	[2, 33]
63	336	[13, 35]
64	336	[13, 34]
65	342	[7, 22]
66	342	[7, 23]
67	360	[5, 24]
68	360	[4, 24, 36]
69	366	[4]
70	366	[4]
71	378	[14, 26]
72	378	[14, 25]
73	384	[20]
74	384	[21]
75	384	[39]
76	384	[40]
77	402	[4]
78	402	[4]
79	432	[12]
80	432	[12]
81	432	[27, 42]
82	432	[28, 41]
83	438	[4]
84	438	[4]
85	450	[7, 29]
86	450	[7, 30]
87	456	[8, 23]
88	456	[8, 22]
89	474	[4]
90	474	[4]
91	486	[31, 32]
92	486	[31]
93	486	[32]
94	486	[32]
95	486	[32]
96	504	[1]
97	504	[1]

98	504	[16, 25]
99	504	[16, 26]
100	504	[17, 26, 34]
101	504	[17, 25, 35]
102	504	[3, 33]
103	546	[10, 19]
104	546	[10, 18]
105	546	[11, 19]
106	546	[11, 18]
107	558	[7, 38]
108	558	[7, 37]
109	576	[27, 50]
110	576	[28, 50]
111	576	[27, 40, 51]
112	576	[28, 39, 52]
113	576	[50]
114	582	[4]
115	582	[4]
116	600	[8, 29]
117	600	[9, 30]
118	618	[4]
119	618	[4]
120	624	[13, 57]
121	624	[13, 58]
122	648	[8, 59]
123	648	[9]
124	648	[31, 41]
125	648	[31, 42]
126	648	[32, 42]
127	648	[32, 41]
128	654	[4]
129	654	[4]
130	660	[1]
131	666	[7, 44]
132	666	[7, 43]
133	672	[20, 34]
134	672	[20, 35]
135	672	[60]

136	672	[61]
137	672	[62]
138	702	[14, 45]
139	702	[14, 46]
140	720	[2]
141	720	[2]
142	720	[6, 36]
143	720	[47, 68]
144	720	[47, 67]
145	726	[4]
146	726	[5]
147	744	[8, 38]
148	744	[8, 37]
149	750	[29]
150	750	[30]
151	762	[4]
152	762	[4]
153	768	[39]
154	768	[39]
155	768	[39]
156	768	[39]
157	768	[39, 73]
158	768	[40, 74]
159	768	[40]
160	768	[40]
161	774	[7, 48]
162	774	[7, 49]
163	798	[10, 23]
164	798	[10, 22]
165	798	[11, 23]
166	798	[11, 22]
167	834	[4]
168	834	[4]
169	864	[41, 52]
170	864	[42, 51]
171	864	[41, 42, 50]
172	882	[7, 53]
173	882	[25, 26, 55]

174	882	[25, 54]
175	882	[26, 56]
176	888	[8, 43]
177	888	[8, 44]
178	906	[4]
179	906	[4]
180	912	[13, 87]
181	912	[13, 88]
182	936	[16, 45]
183	936	[16, 46]
184	936	[17, 45, 57]
185	936	[17, 46, 58]
186	942	[4]
187	942	[4]
188	978	[4]
189	978	[4]
190	1008	[2, 97]
191	1008	[2, 96]
192	1008	[27, 98]
193	1008	[27, 99]
194	1008	[28, 63, 101]
195	1008	[28, 64, 100]
196	1008	[4, 62, 102]
197	1008	[5, 62]
198	1008	[5, 60]
199	1008	[4, 60]
200	1008	[5, 61]
201	1008	[4, 61]
202	1014	[5]
203	1014	[18, 19]
204	1014	[18]
205	1014	[19]
206	1026	[14, 65]
207	1026	[14, 66]
208	1032	[8, 49]
209	1032	[8, 48]
210	1050	[10, 29]
211	1050	[11, 29]

212	1080	[7, 67, 68]
213	1086	[4]
214	1086	[4]
215	1092	[1]
216	1092	[1]
217	1092	[1]
218	1092	[1]
219	1098	[7, 69]
220	1098	[7, 70]
221	1134	[31, 72]
222	1134	[31, 71]
223	1134	[32, 71]
224	1134	[32, 72]
225	1152	[109, 110, 113]
226	1152	[50, 52]
227	1152	[50, 51]
228	1152	[51, 74]
229	1152	[52, 73]
230	1152	[75, 112]
231	1152	[76, 111]
232	1158	[4]
233	1158	[4]
234	1176	[9, 53]
235	1176	[34, 56]
236	1176	[34, 35, 55]
237	1176	[35, 54]
238	1194	[4]
239	1194	[4]
240	1200	[12, 117]
241	1200	[13, 116]
242	1200	[13]
243	1200	[13]
244	1206	[7, 77]
245	1206	[7, 78]
246	1248	[20, 57]
247	1248	[20, 58]
248	1266	[4]
249	1266	[4]

250	1296	[12, 123]
251	1296	[13, 122]
252	1296	[27, 80]
253	1296	[27, 79]
254	1296	[81, 125]
255	1296	[82, 124]
256	1296	[81, 126]
257	1296	[82, 127]
258	1296	[79]
259	1296	[80]
260	1302	[10, 37]
261	1302	[10, 38]
262	1302	[11, 37]
263	1302	[11, 38]
264	1314	[7, 83]
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266	1320	[2]
267	1320	[2]
268	1320	[2]
269	1320	[2]
270	1320	[2, 130]
271	1338	[4]
272	1338	[4]
273	1344	[33]
274	1344	[33]
275	1344	[39, 64, 133]
276	1344	[39, 63, 134]
277	1350	[14, 85]
278	1350	[14, 86]
279	1368	[16, 65]
280	1368	[16, 66]
281	1368	[17, 65, 88]
282	1368	[17, 66, 87]
283	1374	[4]
284	1374	[4]
285	1422	[7, 89]
286	1422	[7, 90]
287	1440	[8, 68, 142]

288	1440	[9, 67]
289	1440	[140]
290	1440	[141]
291	1440	[142]
292	1440	[142]
293	1446	[4]
294	1446	[4]
295	1458	[91, 92]
296	1458	[91]
297	1458	[91, 93, 94, 95]
298	1458	[91]
299	1458	[92]
300	1458	[95]
301	1464	[8, 70]
302	1464	[8, 69]
303	1482	[18, 23]
304	1482	[18, 22]
305	1482	[19, 23]
306	1482	[19, 22]
307	1488	[13, 148]
308	1488	[13, 147]
309	1500	[6]
310	1512	[3]
311	1512	[3]
312	1512	[41, 71, 100]
313	1512	[41, 72, 101]
314	1512	[42, 71, 99]
315	1512	[42, 72, 98]
316	1512	[3, 96]
317	1512	[3, 97]
318	1536	[73]
319	1536	[74]
320	1536	[75, 157]
321	1536	[75, 154]
322	1536	[75, 153]
323	1536	[75, 156]
324	1536	[75, 155]
325	1536	[76, 158]

326	1536	[76, 159]
327	1536	[76, 160]
328	1536	[154]
329	1536	[154]
330	1536	[159]
331	1536	[159]
332	1554	[10, 43]
333	1554	[10, 44]
334	1554	[11, 44]
335	1554	[11, 43]
336	1608	[8, 77]
337	1608	[8, 78]
338	1626	[4]
339	1626	[4]
340	1638	[25, 46, 104]
341	1638	[25, 45, 103]
342	1638	[26, 45, 105]
343	1638	[26, 46, 106]
344	1662	[4]
345	1662	[4]
346	1674	[14, 107]
347	1674	[14, 108]
348	1698	[4]
349	1698	[4]
350	1728	[82, 112, 169]
351	1728	[40, 79]
352	1728	[40, 80]
353	1728	[81, 111, 170]
354	1728	[81, 109, 171]
355	1728	[82, 110, 171]
356	1728	[113, 171]
357	1734	[4]
358	1734	[5]
359	1746	[7, 114]
360	1746	[7, 115]
361	1752	[8, 84]
362	1752	[8, 83]
363	1776	[13, 177]

364	1776	[13, 176]
365	1800	[16, 85]
366	1800	[16, 86, 117]
367	1800	[17, 85, 116]
368	1800	[17, 86]
369	1806	[10, 49]
370	1806	[10, 48]
371	1806	[11, 49]
372	1806	[11, 48]
373	1824	[20, 88]
374	1824	[20, 87]
375	1842	[4]
376	1842	[4]
377	1854	[7, 118]
378	1854	[7, 119]
379	1872	[27, 183]
380	1872	[27, 182]
381	1872	[28, 121, 185]
382	1872	[28, 120, 184]
383	1878	[4]
384	1878	[4]
385	1896	[8, 89]
386	1896	[8, 90]
387	1920	[24]
388	1944	[17, 122]
389	1944	[16, 123]
390	1944	[91, 124, 127]
391	1944	[91, 125, 126]
392	1944	[92, 124]
393	1944	[92, 125]
394	1944	[93, 126]
395	1944	[93, 127]
396	1944	[94, 127]
397	1944	[94, 126]
398	1944	[95, 127]
399	1944	[95, 126]
400	1950	[18, 29]
401	1950	[19, 29]

402	1962	[7, 128]
403	1962	[7, 129]
404	1980	[3, 130]
405	1986	[4]
406	1986	[4]
407	1998	[14, 131]
408	1998	[14, 132]
409	2016	[51, 98]
410	2016	[51, 99]
411	2016	[52, 101, 134]
412	2016	[52, 100, 133]
413	2016	[6, 102]
414	2016	[50, 99, 100]
415	2016	[50, 98, 101]
416	2016	[135, 198]
417	2016	[135, 199]
418	2016	[136, 200]
419	2016	[136, 201]
420	2016	[137, 196]
421	2016	[137, 197]
422	2022	[4]
423	2022	[4]
424	2058	[53]
425	2058	[54]
426	2058	[54, 55]
427	2058	[55]
428	2058	[55, 56]
429	2058	[56]
430	2064	[13, 208]
431	2064	[13, 209]
432	2094	[4]
433	2094	[4]
434	2106	[31, 139]
435	2106	[31, 138]
436	2106	[32, 138]
437	2106	[32, 139]
438	2160	[143, 144, 212]
439	2160	[4, 140]

440	2160	[140]
441	2160	[5, 140]
442	2160	[140]
443	2160	[140]
444	2160	[141]
445	2160	[5, 141]
446	2160	[141]
447	2160	[141]
448	2160	[4, 141]
449	2166	[5]
450	2166	[22, 23]
451	2166	[22]
452	2166	[23]
453	2178	[7, 145]
454	2178	[7, 146]
455	2184	[2]
456	2184	[2]
457	2184	[2]
458	2184	[2]
459	2184	[2]
460	2184	[34, 58, 106]
461	2184	[34, 57, 105]
462	2184	[35, 58, 104]
463	2184	[35, 57, 103]
464	2184	[2, 215]
465	2184	[2, 216]
466	2184	[2, 217]
467	2184	[2, 218]
468	2202	[4]
469	2202	[4]
470	2232	[16, 108]
471	2232	[16, 107]
472	2232	[17, 107, 147]
473	2232	[17, 108, 148]
474	2238	[4]
475	2238	[4]
476	2250	[85, 149]
477	2250	[86, 150]

478	2274	[4]
479	2274	[4]
480	2286	[7, 151]
481	2286	[7, 152]
482	2304	[109, 226]
483	2304	[110, 227]
484	2304	[110, 112, 226]
485	2304	[109, 111, 227]
486	2304	[112, 157, 229]
487	2304	[111, 158, 228]
488	2304	[111, 159]
489	2304	[111, 160]
490	2304	[112, 155]
491	2304	[112, 154]
492	2304	[112, 156]
493	2304	[112, 153]
494	2304	[113, 226]
495	2304	[113, 227]
496	2322	[14, 161]
497	2322	[14, 162]
498	2328	[8, 115]
499	2328	[8, 114]
500	2352	[12, 234]
501	2352	[63, 237]
502	2352	[63, 64, 236]
503	2352	[64, 235]
504	2382	[4]
505	2382	[4]
506	2394	[25, 65, 164]
507	2394	[25, 66, 163]
508	2394	[26, 66, 165]
509	2394	[26, 65, 166]
510	2400	[20, 116]
511	2400	[21, 117]
512	2418	[18, 37]
513	2418	[18, 38]
514	2418	[19, 37]
515	2418	[19, 38]

516	2448	[1]
517	2448	[1]
518	2448	[1]
519	2448	[1]
520	2448	[1]
521	2448	[1]
522	2454	[4]
523	2454	[4]
524	2472	[8, 118]
525	2472	[8, 119]
526	2496	[39, 121, 247]
527	2496	[39, 120, 246]

Group : $C_2 * C_4$

Searching up to index : 500

How many normal groups are found : 688

Total Time in ms : 230478

Number	Index	Supergroups
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8	6	[4]
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10	8	[5, 6, 7]
11	8	[5]
12	10	[4]
13	12	[5, 8]
14	14	[4]
15	16	[9]
16	16	[9, 10, 11]
17	16	[9]

15

18	18	[8]
19	20	[7]
20	20	[7]
21	20	[5, 12]
22	22	[4]
23	24	[8]
24	24	[10, 13]
25	24	[9, 13]
26	24	[11, 13]
27	26	[4]
28	28	[5, 14]
29	30	[8, 12]
30	32	[16]
31	32	[16]
32	32	[15]
33	32	[15, 16, 17]
34	32	[15]
35	34	[4]
36	36	[7]
37	36	[13, 18]
38	38	[4]
39	40	[9, 21]
40	40	[10, 20]
41	40	[10, 21]
42	40	[10, 19]
43	40	[11, 21]
44	42	[8, 14]
45	44	[5, 22]
46	46	[4]
47	48	[13, 23]
48	48	[15, 25]
49	48	[16, 24, 25, 26]
50	48	[17, 25]
51	50	[12]
52	52	[5, 27]
53	52	[7]
54	52	[7]
55	54	[18]

56	56	[9, 28]
57	56	[10, 28]
58	56	[11, 28]
59	58	[4]
60	60	[13, 21, 29]
61	62	[4]
62	64	[30]
63	64	[30]
64	64	[30, 31, 33]
65	64	[32]
66	64	[32, 33, 34]
67	64	[32]
68	64	[33]
69	66	[8, 22]
70	68	[5, 35]
71	68	[7]
72	68	[7]
73	70	[12, 14]
74	72	[11]
75	72	[10, 36]
76	72	[18, 23]
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79	72	[26, 37]
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85	80	[16, 39, 41, 43]
86	80	[16, 42]
87	80	[17, 39]
88	82	[4]
89	84	[13, 28, 44]
90	86	[4]
91	88	[9, 45]
92	88	[10, 45]
93	88	[11, 45]

94	90	[18, 29]
95	92	[5, 46]
96	94	[4]
97	96	[24, 47]
98	96	[25, 47]
99	96	[26, 47]
100	96	[33, 48, 49, 50]
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103	96	[32, 48]
104	96	[34, 48]
105	98	[14]
106	100	[19, 20]
107	100	[19]
108	100	[20]
109	100	[21, 51]
110	102	[8, 35]
111	104	[9, 52]
112	104	[10, 54]
113	104	[10, 52]
114	104	[10, 53]
115	104	[11, 52]
116	106	[4]
117	108	[36]
118	108	[37, 55]
119	110	[12, 22]
120	112	[15, 56]
121	112	[16, 56, 57, 58]
122	112	[17, 56]
123	114	[8, 38]
124	116	[5, 59]
125	116	[7]
126	116	[7]
127	118	[4]
128	120	[4]
129	120	[2]
130	120	[24, 42]
131	120	[24, 40]

132	120	[23, 29]
133	120	[24, 41, 60]
134	120	[25, 39, 60]
135	120	[26, 43, 60]
136	122	[4]
137	124	[5, 61]
138	126	[18, 44]
139	128	[64, 66, 68]
140	128	[62]
141	128	[62, 63, 64]
142	128	[62]
143	128	[63]
144	128	[63]
145	128	[64]
146	128	[65]
147	128	[65, 66, 67]
148	128	[65]
149	128	[66]
150	130	[12, 27]
151	132	[13, 45, 69]
152	134	[4]
153	136	[9, 70]
154	136	[10, 70]
155	136	[10, 71]
156	136	[10, 72]
157	136	[11, 70]
158	138	[8, 46]
159	140	[21, 28, 73]
160	142	[4]
161	144	[16, 75]
162	144	[16, 74]
163	144	[17]
164	144	[17]
165	144	[48, 78]
166	144	[49, 77, 78, 79]
167	144	[50, 78]
168	144	[37, 47, 76]
169	146	[4]

170	148	[5, 80]
171	148	[7]
172	148	[7]
173	150	[29, 51]
174	152	[9, 81]
175	152	[10, 81]
176	152	[11, 81]
177	154	[14, 22]
178	156	[13, 52, 82]
179	158	[4]
180	160	[12]
181	160	[33, 86]
182	160	[33, 84]
183	160	[30, 85]
184	160	[30, 86]
185	160	[30, 84]
186	160	[31, 86]
187	160	[31, 84]
188	160	[31, 85]
189	160	[32, 83]
190	160	[33, 83, 85, 87]
191	160	[34, 83]
192	162	[55]
193	164	[5, 88]
194	164	[7]
195	164	[7]
196	166	[4]
197	168	[1]
198	168	[23, 44]
199	168	[24, 57, 89]
200	168	[25, 56, 89]
201	168	[26, 58, 89]
202	170	[12, 35]
203	172	[5, 90]
204	174	[8, 59]
205	176	[15, 91]
206	176	[16, 91, 92, 93]
207	176	[17, 91]

208	178	[4]
209	180	[19, 36]
210	180	[20, 36]
211	180	[37, 60, 94]
212	182	[14, 27]
213	184	[9, 95]
214	184	[10, 95]
215	184	[11, 95]
216	186	[8, 61]
217	188	[5, 96]
218	190	[12, 38]
219	192	[47]
220	192	[48, 98]
221	192	[49, 97, 98, 99]
222	192	[50, 98]
223	192	[66, 100, 103, 104]
224	192	[64, 100, 101, 102]
225	192	[62, 101]
226	192	[63, 101]
227	192	[65, 103]
228	192	[67, 103]
229	192	[68, 100]
230	192	[97]
231	192	[97]
232	192	[99]
233	192	[99]
234	194	[4]
235	196	[7]
236	196	[28, 105]
237	198	[18, 69]
238	200	[11]
239	200	[41, 42]
240	200	[40, 41]
241	200	[39, 109]
242	200	[40, 42, 106]
243	200	[40, 108]
244	200	[41, 109]
245	200	[42, 107]

246	200	[43, 109]
247	202	[4]
248	204	[13, 70, 110]
249	206	[4]
250	208	[15, 111]
251	208	[16, 114]
252	208	[16, 112]
253	208	[16, 111, 113, 115]
254	208	[17, 111]
255	210	[29, 44, 73]
256	212	[5, 116]
257	212	[7]
258	212	[7]
259	214	[4]
260	216	[24, 75]
261	216	[26, 74]
262	216	[55, 76]
263	216	[77, 118]
264	216	[78, 118]
265	216	[79, 118]
266	216	[74]
267	216	[75, 117]
268	218	[4]
269	220	[21, 45, 119]
270	222	[8, 80]
271	224	[30, 121]
272	224	[31, 121]
273	224	[32, 120]
274	224	[33, 120, 121, 122]
275	224	[34, 120]
276	226	[4]
277	228	[13, 81, 123]
278	230	[12, 46]
279	232	[9, 124]
280	232	[10, 125]
281	232	[10, 126]
282	232	[10, 124]
283	232	[11, 124]

284	234	[18, 82]
285	236	[5, 127]
286	238	[14, 35]
287	240	[47, 60, 132]
288	240	[49, 86, 130]
289	240	[49, 84, 131]
290	240	[48, 83, 134]
291	240	[49, 85, 133, 134, 135]
292	240	[50, 87, 134]
293	240	[5, 128]
294	240	[6, 129]
295	240	[5, 129]
296	240	[7, 129]
297	242	[22]
298	244	[5, 136]
299	244	[7]
300	244	[7]
301	246	[8, 88]
302	248	[9, 137]
303	248	[10, 137]
304	248	[11, 137]
305	250	[51]
306	252	[37, 89, 138]
307	254	[4]
308	256	[139, 141, 145]
309	256	[139, 147, 149]
310	256	[139]
311	256	[140]
312	256	[140, 141, 142]
313	256	[140]
314	256	[141]
315	256	[141]
316	256	[141, 143, 144]
317	256	[141]
318	256	[141]
319	256	[142]
320	256	[142]
321	256	[143]

322	256	[143]
323	256	[146]
324	256	[146, 147, 148]
325	256	[146]
326	256	[147]
327	258	[8, 90]
328	260	[19, 53]
329	260	[19, 54]
330	260	[20, 54]
331	260	[20, 53]
332	260	[21, 52, 150]
333	262	[4]
334	264	[23, 69]
335	264	[24, 92, 151]
336	264	[25, 91, 151]
337	264	[26, 93, 151]
338	266	[14, 38]
339	268	[5, 152]
340	270	[55, 94]
341	272	[15, 153]
342	272	[16, 155]
343	272	[16, 153, 154, 157]
344	272	[16, 156]
345	272	[17, 153]
346	274	[4]
347	276	[13, 95, 158]
348	278	[4]
349	280	[42, 57]
350	280	[40, 57]
351	280	[39, 56, 159]
352	280	[41, 57, 159]
353	280	[43, 58, 159]
354	282	[8, 96]
355	284	[5, 160]
356	286	[22, 27]
357	288	[30, 161]
358	288	[30, 162]
359	288	[101, 166]

360	288	[31, 161]
361	288	[31, 162]
362	288	[102, 166]
363	288	[103, 165]
364	288	[33, 164]
365	288	[33, 161]
366	288	[33, 162]
367	288	[33, 163]
368	288	[100, 165, 166, 167]
369	288	[104, 165]
370	288	[77, 97, 168]
371	288	[78, 98, 168]
372	288	[79, 99, 168]
373	290	[12, 59]
374	292	[5, 169]
375	292	[7]
376	292	[7]
377	294	[44, 105]
378	296	[9, 170]
379	296	[10, 170]
380	296	[10, 171]
381	296	[10, 172]
382	296	[11, 170]
383	298	[4]
384	300	[60, 109, 173]
385	302	[4]
386	304	[15, 174]
387	304	[16, 174, 175, 176]
388	304	[17, 174]
389	306	[18, 110]
390	308	[28, 45, 177]
391	310	[12, 61]
392	312	[23, 82]
393	312	[24, 114]
394	312	[24, 112]
395	312	[24, 113, 178]
396	312	[25, 111, 178]
397	312	[26, 115, 178]

398	314	[4]
399	316	[5, 179]
400	318	[8, 116]
401	320	[19]
402	320	[20]
403	320	[21, 180]
404	320	[66, 181]
405	320	[66, 182]
406	320	[66, 189, 190, 191]
407	320	[62, 185]
408	320	[62, 183]
409	320	[62, 184]
410	320	[63, 185]
411	320	[63, 184]
412	320	[63, 183]
413	320	[64, 182, 185, 187]
414	320	[64, 183, 188, 190]
415	320	[64, 181, 184, 186]
416	320	[65, 189]
417	320	[67, 189]
418	320	[68, 181]
419	320	[68, 190]
420	320	[68, 182]
421	320	[180]
422	320	[180]
423	322	[14, 46]
424	324	[36]
425	324	[118, 192]
426	326	[4]
427	328	[9, 193]
428	328	[10, 193]
429	328	[10, 194]
430	328	[10, 195]
431	328	[11, 193]
432	330	[29, 69, 119]
433	332	[5, 196]
434	334	[4]
435	336	[3]

436	336	[3]
437	336	[3]
438	336	[47, 89, 198]
439	336	[48, 120, 200]
440	336	[49, 121, 199, 200, 201]
441	336	[50, 122, 200]
442	336	[4, 197]
443	336	[3, 197]
444	336	[2, 197]
445	338	[27]
446	340	[19, 72]
447	340	[19, 71]
448	340	[20, 71]
449	340	[20, 72]
450	340	[21, 70, 202]
451	342	[18, 123]
452	344	[9, 203]
453	344	[10, 203]
454	344	[11, 203]
455	346	[4]
456	348	[13, 124, 204]
457	350	[51, 73]
458	352	[30, 206]
459	352	[31, 206]
460	352	[32, 205]
461	352	[33, 205, 206, 207]
462	352	[34, 205]
463	354	[8, 127]
464	356	[5, 208]
465	356	[7]
466	356	[7]
467	358	[4]
468	360	[1]
469	360	[77, 130]
470	360	[77, 131]
471	360	[41, 75]
472	360	[78, 134, 211]
473	360	[40, 75, 210]

474	360	[77, 133, 211]
475	360	[42, 75, 209]
476	360	[43, 74]
477	360	[79, 135, 211]
478	360	[76, 94, 132]
479	360	[8, 128]
480	362	[4]
481	364	[28, 52, 212]
482	366	[8, 136]
483	368	[15, 213]
484	368	[16, 213, 214, 215]
485	368	[17, 213]
486	370	[12, 80]
487	372	[13, 137, 216]
488	374	[22, 35]
489	376	[9, 217]
490	376	[10, 217]
491	376	[11, 217]
492	378	[55, 138]
493	380	[21, 81, 218]
494	382	[4]
495	384	[219]
496	384	[101, 221]
497	384	[102, 221]
498	384	[103, 220]
499	384	[100, 220, 221, 222]
500	384	[104, 220]
501	384	[141, 224, 225, 226]
502	384	[147, 223, 227, 228]
503	384	[97, 219]
504	384	[98, 219]
505	384	[99]
506	384	[99]
507	384	[99, 219]
508	384	[139, 223, 224, 229]
509	384	[140, 225]
510	384	[142, 225]
511	384	[143, 226]

512	384	[144, 226]
513	384	[145, 224]
514	384	[146, 227]
515	384	[148, 227]
516	384	[149, 223]
517	384	[219]
518	384	[219]
519	384	[219]
520	384	[221]
521	384	[221]
522	384	[221, 230, 231]
523	384	[221, 232, 233]
524	386	[4]
525	388	[5, 234]
526	388	[7]
527	388	[7]
528	390	[29, 82, 150]
529	392	[10, 235]
530	392	[11]
531	392	[56, 236]
532	392	[57, 236]
533	392	[58, 236]
534	394	[4]
535	396	[37, 151, 237]
536	398	[4]
537	400	[16, 238]
538	400	[85, 86, 239]
539	400	[84, 85, 240]
540	400	[83, 241]
541	400	[85, 241, 244, 246]
542	400	[87, 241]
543	400	[84, 243]
544	400	[84, 86, 242]
545	400	[86, 245]
546	402	[8, 152]
547	404	[5, 247]
548	404	[7]
549	404	[7]

550	406	[14, 59]
551	408	[23, 110]
552	408	[24, 156]
553	408	[24, 155]
554	408	[24, 154, 248]
555	408	[25, 153, 248]
556	408	[26, 157, 248]
557	410	[12, 88]
558	412	[5, 249]
559	414	[18, 158]
560	416	[30, 251]
561	416	[30, 252]
562	416	[30, 253]
563	416	[31, 253]
564	416	[31, 251]
565	416	[31, 252]
566	416	[32, 250]
567	416	[33, 251]
568	416	[33, 252]
569	416	[33, 250, 253, 254]
570	416	[34, 250]
571	418	[22, 38]
572	420	[60, 89, 159, 255]
573	422	[4]
574	424	[9, 256]
575	424	[10, 258]
576	424	[10, 256]
577	424	[10, 257]
578	424	[11, 256]
579	426	[8, 160]
580	428	[5, 259]
581	430	[12, 90]
582	432	[49, 161, 260]
583	432	[49, 162, 261]
584	432	[50, 164]
585	432	[50, 163]
586	432	[165, 264]
587	432	[166, 263, 264, 265]

588	432	[167, 264]
589	432	[118, 168, 262]
590	432	[161, 267]
591	432	[162, 266]
592	432	[163]
593	432	[164]
594	434	[14, 61]
595	436	[5, 268]
596	436	[7]
597	436	[7]
598	438	[8, 169]
599	440	[42, 92]
600	440	[40, 92]
601	440	[39, 91, 269]
602	440	[41, 92, 269]
603	440	[43, 93, 269]
604	442	[27, 35]
605	444	[13, 170, 270]
606	446	[4]
607	448	[66, 273, 274, 275]
608	448	[62, 271]
609	448	[63, 271]
610	448	[64, 271, 272, 274]
611	448	[65, 273]
612	448	[67, 273]
613	448	[68, 274]
614	450	[94, 173]
615	452	[5, 276]
616	452	[7]
617	452	[7]
618	454	[4]
619	456	[23, 123]
620	456	[24, 175, 277]
621	456	[25, 174, 277]
622	456	[26, 176, 277]
623	458	[4]
624	460	[21, 95, 278]
625	462	[44, 69, 177]

626	464	[15, 279]
627	464	[16, 279, 282, 283]
628	464	[16, 281]
629	464	[16, 280]
630	464	[17, 279]
631	466	[4]
632	468	[36, 53]
633	468	[36, 54]
634	468	[37, 178, 284]
635	470	[12, 96]
636	472	[9, 285]
637	472	[10, 285]
638	472	[11, 285]
639	474	[8, 179]
640	476	[28, 70, 286]
641	478	[4]
642	480	[97, 130]
643	480	[97, 131]
644	480	[29, 180]
645	480	[101, 183, 291]
646	480	[102, 188, 291]
647	480	[103, 189, 290]
648	480	[100, 190, 290, 291, 292]
649	480	[104, 191, 290]
650	480	[98, 134, 287]
651	480	[97, 133, 287]
652	480	[99, 135, 287]
653	480	[100, 181, 288]
654	480	[100, 182, 289]
655	480	[101, 185, 289]
656	480	[101, 184, 288]
657	480	[102, 187, 289]
658	480	[102, 186, 288]
659	480	[10, 293]
660	480	[9, 293]
661	480	[11, 293]
662	480	[9, 295]
663	480	[10, 294, 295, 296]

664	480	[11, 295]
665	480	[296]
666	480	[296]
667	482	[4]
668	484	[7]
669	484	[45, 297]
670	486	[192]
671	488	[9, 298]
672	488	[10, 300]
673	488	[10, 299]
674	488	[10, 298]
675	488	[11, 298]
676	490	[73, 105]
677	492	[13, 193, 301]
678	494	[27, 38]
679	496	[15, 302]
680	496	[16, 302, 303, 304]
681	496	[17, 302]
682	498	[8, 196]
683	500	[106, 108]
684	500	[106, 107]
685	500	[106]
686	500	[107]
687	500	[108]
688	500	[109, 305]

Group : $C_2 * C_5$
Searching up to index : 2000
How many normal groups are found : 205
Total Time in ms : 524868

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	5	[1]
4	10	[2]

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6	50	[4, 5]
7	60	[1]
8	60	[1]
9	80	[3]
10	110	[5]
11	110	[5]
12	110	[5]
13	110	[5]
14	120	[2]
15	120	[2]
16	120	[2, 7]
17	120	[2, 8]
18	160	[5, 9]
19	160	[4]
20	160	[9]
21	160	[9]
22	240	[14]
23	240	[15]
24	240	[16]
25	240	[17]
26	250	[6]
27	300	[3, 7]
28	300	[3, 8]
29	310	[5]
30	310	[5]
31	310	[5]
32	310	[5]
33	320	[18]
34	320	[18, 20, 21]
35	320	[18]
36	320	[19]
37	320	[19]
38	320	[19]
39	360	[1]
40	360	[1]
41	410	[5]
42	410	[5]

43	410	[5]
44	410	[5]
45	550	[6, 12]
46	550	[6, 10]
47	550	[6, 13]
48	550	[6, 11]
49	600	[4, 16]
50	600	[5, 16, 27]
51	600	[4, 17]
52	600	[5, 17, 28]
53	600	[4, 14]
54	600	[5, 14]
55	600	[5, 15]
56	600	[4, 15]
57	610	[5]
58	610	[5]
59	610	[5]
60	610	[5]
61	640	[33, 34, 35]
62	640	[36, 37, 38]
63	660	[1]
64	660	[1]
65	660	[1]
66	660	[1]
67	660	[1]
68	660	[1]
69	710	[5]
70	710	[5]
71	710	[5]
72	710	[5]
73	720	[2]
74	720	[2]
75	720	[2, 39]
76	720	[2]
77	720	[2]
78	720	[2, 40]
79	800	[6, 18]
80	800	[6, 19]

81	810	[4]
82	810	[5]
83	960	[7]
84	960	[8]
85	960	[8]
86	960	[7]
87	960	[8]
88	960	[7]
89	1010	[5]
90	1010	[5]
91	1010	[5]
92	1010	[5]
93	1080	[39]
94	1080	[40]
95	1200	[22, 53]
96	1200	[22, 54]
97	1200	[23, 56]
98	1200	[23, 55]
99	1200	[24, 49]
100	1200	[24, 50]
101	1200	[25, 51]
102	1200	[25, 52]
103	1210	[4]
104	1210	[4]
105	1210	[10, 11]
106	1210	[10, 13]
107	1210	[10, 12]
108	1210	[10]
109	1210	[11]
110	1210	[11, 12]
111	1210	[11, 13]
112	1210	[12, 13]
113	1210	[12]
114	1210	[13]
115	1250	[26]
116	1250	[26]
117	1280	[9]
118	1310	[5]

119	1310	[5]
120	1310	[5]
121	1310	[5]
122	1320	[2]
123	1320	[2]
124	1320	[2]
125	1320	[2]
126	1320	[2]
127	1320	[2]
128	1320	[2]
129	1320	[2]
130	1320	[2, 63]
131	1320	[2, 64]
132	1320	[2, 65]
133	1320	[2, 66]
134	1320	[2, 67]
135	1320	[2, 68]
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138	1440	[75]
139	1440	[76]
140	1440	[77]
141	1440	[78]
142	1510	[5]
143	1510	[5]
144	1510	[5]
145	1510	[5]
146	1550	[6, 30]
147	1550	[6, 31]
148	1550	[6, 32]
149	1550	[6, 29]
150	1600	[34, 79]
151	1600	[33, 79]
152	1600	[35, 79]
153	1600	[36, 80]
154	1600	[37, 80]
155	1600	[38, 80]
156	1760	[10, 18]

157	1760	[11, 18]
158	1760	[12, 18]
159	1760	[13, 18]
160	1800	[3, 39]
161	1800	[3, 40]
162	1810	[5]
163	1810	[5]
164	1810	[5]
165	1810	[5]
166	1910	[5]
167	1910	[5]
168	1910	[5]
169	1910	[5]
170	1920	[14]
171	1920	[14]
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173	1920	[15]
174	1920	[14]
175	1920	[15]
176	1920	[14]
177	1920	[14]
178	1920	[14]
179	1920	[15]
180	1920	[15]
181	1920	[14]
182	1920	[15]
183	1920	[15]
184	1920	[16, 88]
185	1920	[16, 83]
186	1920	[16, 86]
187	1920	[17, 84]
188	1920	[17, 85]
189	1920	[17, 87]
190	1920	[14]
191	1920	[15]
192	1920	[16]
193	1920	[17]
194	1920	[83]

195	1920	[83]
196	1920	[84]
197	1920	[84]
198	1920	[85]
199	1920	[85]
200	1920	[86]
201	1920	[86]
202	1920	[87]
203	1920	[87]
204	1920	[88]
205	1920	[88]

Group : $C_2 * C_6$

Searching up to index : 500

How many normal groups are found : 862

Total Time in ms : 423296

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	3	[1]
6	4	[2, 3, 4]
7	6	[2, 5]
8	6	[4]
9	6	[3, 5]
10	6	[4, 5]
11	6	[3]
12	8	[6]
13	10	[4]
14	12	[6, 8]
15	12	[5]
16	12	[6, 11]
17	12	[6, 7, 9, 10]
18	14	[4]

19	16	[12]
20	18	[9, 11]
21	18	[8, 10]
22	18	[8]
23	20	[6, 13]
24	22	[4]
25	24	[9, 15]
26	24	[10, 15]
27	24	[11]
28	24	[7, 15]
29	24	[12, 16]
30	24	[12, 17]
31	24	[12, 14]
32	26	[4]
33	28	[6, 18]
34	30	[8, 13]
35	30	[10, 13]
36	32	[19]
37	34	[4]
38	36	[14, 16]
39	36	[14, 17, 21]
40	36	[16, 17, 20]
41	36	[14, 22]
42	38	[4]
43	40	[12, 23]
44	42	[10]
45	42	[9]
46	42	[9]
47	42	[10]
48	42	[8, 18]
49	42	[10, 18]
50	44	[6, 24]
51	46	[4]
52	48	[16, 27]
53	48	[27]
54	48	[27]
55	48	[17, 25, 26, 28]
56	48	[19, 29]

57	48	[19, 31]
58	48	[19, 30]
59	48	[25]
60	48	[25]
61	50	[13]
62	52	[6, 32]
63	54	[20]
64	54	[21]
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73	60	[16, 23]
74	60	[14, 23, 34]
75	62	[4]
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77	66	[8, 24]
78	66	[10, 24]
79	68	[6, 37]
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83	72	[20, 25]
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86	72	[30, 31, 39]
87	72	[31, 41]
88	72	[29, 31, 38]
89	74	[4]
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93	78	[9]
94	78	[10]

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96	78	[10]
97	80	[19, 43]
98	82	[4]
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103	84	[17, 46]
104	84	[17, 45]
105	84	[17, 47]
106	86	[4]
107	88	[12, 50]
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109	90	[22, 34]
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128	102	[10, 37]
129	104	[12, 62]
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137	108	[39, 65]
138	108	[40, 63]
139	108	[41, 68]
140	110	[13, 24]
141	112	[19, 69]
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155	120	[30, 43, 72]
156	120	[31, 43, 74]
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165	126	[21, 47]
166	126	[21, 48, 49]
167	126	[22, 48]
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169	130	[13, 32]
170	132	[14, 50, 77]

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172	132	[17, 50, 78]
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175	138	[8, 51]
176	138	[10, 51]
177	140	[23, 33, 80]
178	142	[4]
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181	144	[19, 81]
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183	144	[57, 58, 86]
184	144	[57, 87]
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186	144	[38, 52]
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207	156	[17, 96]
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233	168	[30, 104]
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235	168	[31, 69, 99]
236	170	[13, 37]
237	172	[6, 106]
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239	174	[10, 70]
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243	180	[39, 72, 74, 108]
244	180	[41, 74, 109]
245	180	[38, 73, 74]
246	180	[5, 71]

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254	186	[10]
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264	192	[53, 116]
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266	192	[54, 116]
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274	192	[60, 114]
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277	192	[76, 120]
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283	198	[22, 77]
284	200	[43, 126]

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288	204	[17, 79, 128]
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334	228	[17, 90, 145]
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343	236	[6, 149]
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396	270	[68, 109]
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413	288	[86, 113, 179]
414	288	[88, 117, 186]
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417	288	[119, 120, 183]
418	288	[119, 184]
419	288	[118, 119, 187]
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421	288	[122, 186]
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423	288	[123, 180, 190, 191]
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474	318	[10, 130]

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799	474	[8, 208]
800	474	[9]
801	474	[9]
802	474	[10, 208]
803	474	[10]
804	474	[10]
805	476	[33, 79, 344]
806	478	[4]
807	480	[35]
808	480	[35]
809	480	[119, 209, 347]
810	480	[120, 209, 348]
811	480	[113, 155, 345]
812	480	[117, 154, 346]
813	480	[122, 346]
814	480	[123, 345]
815	480	[12, 350]
816	480	[118, 209, 349]

817	480	[115, 153]
818	480	[121, 346]
819	480	[124, 345]
820	480	[12, 352]
821	480	[12, 354]
822	480	[12, 355]
823	480	[350]
824	480	[350, 356, 357]
825	480	[351, 352, 353]
826	480	[352]
827	480	[354]
828	480	[354]
829	480	[355]
830	480	[355]
831	482	[4]
832	484	[50, 358]
833	486	[213, 217, 218, 219]
834	486	[210]
835	486	[210, 211]
836	486	[211]
837	486	[211]
838	486	[211]
839	486	[212, 213, 214, 215]
840	486	[212, 216]
841	486	[213]
842	486	[213]
843	486	[213, 216]
844	486	[214, 216]
845	486	[215, 216]
846	486	[215]
847	486	[215]
848	486	[215]
849	486	[217, 220]
850	486	[217]
851	486	[217]
852	486	[220]
853	488	[12, 359]
854	490	[80, 125]

855	492	[14, 221, 360]
856	492	[16, 221]
857	492	[17, 221, 361]
858	494	[32, 42]
859	496	[19, 362]
860	498	[8, 222]
861	498	[10, 222]
862	500	[126, 363]

Group : $C_2 * C_7$
Searching up to index : 1000
How many normal groups are found : 63
Total Time in ms : 20324

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	7	[1]
4	14	[2]
5	14	[2, 3]
6	56	[3]
7	56	[3]
8	98	[4, 5]
9	112	[5, 7]
10	112	[5, 6]
11	168	[1]
12	168	[1]
13	168	[1]
14	336	[2]
15	336	[2]
16	336	[2]
17	336	[2, 11]
18	336	[2, 12]
19	336	[2, 13]
20	406	[5]
21	406	[5]

22	406	[5]
23	406	[5]
24	406	[5]
25	406	[5]
26	448	[6, 7]
27	504	[1]
28	504	[1]
29	504	[1]
30	504	[1]
31	504	[1]
32	504	[1]
33	602	[5]
34	602	[5]
35	602	[5]
36	602	[5]
37	602	[5]
38	602	[5]
39	672	[14]
40	672	[15]
41	672	[16]
42	672	[17]
43	672	[18]
44	672	[19]
45	686	[8]
46	784	[8, 10]
47	784	[8, 9]
48	896	[4]
49	896	[9]
50	896	[9, 10, 26]
51	896	[10]
52	896	[26]
53	896	[26]
54	896	[26]
55	896	[26]
56	896	[26]
57	896	[26]
58	994	[5]
59	994	[5]

60	994	[5]
61	994	[5]
62	994	[5]
63	994	[5]

Group : $C_2 * C_8$
Searching up to index : 500
How many normal groups are found : 1187
Total Time in ms : 1171825

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	4	[2]
7	4	[2]
8	6	[4]
9	8	[6]
10	8	[5]
11	8	[5, 6, 7]
12	8	[5]
13	8	[6]
14	10	[4]
15	12	[5, 8]
16	14	[4]
17	16	[10]
18	16	[10, 11, 12]
19	16	[10]
20	16	[12]
21	16	[11]
22	16	[12]
23	16	[9, 11, 13]
24	18	[8]
25	20	[7]

26	20	[7]
27	20	[5, 14]
28	22	[4]
29	24	[8]
30	24	[11, 15]
31	24	[10, 15]
32	24	[12, 15]
33	26	[4]
34	28	[5, 16]
35	30	[8, 14]
36	32	[18]
37	32	[18]
38	32	[18]
39	32	[18]
40	32	[18, 21, 23]
41	32	[17]
42	32	[17, 18, 19]
43	32	[17]
44	32	[18, 20, 22]
45	34	[4]
46	36	[7]
47	36	[15, 24]
48	38	[4]
49	40	[10, 27]
50	40	[11, 25]
51	40	[11, 27]
52	40	[11, 26]
53	40	[12, 27]
54	42	[8, 16]
55	44	[5, 28]
56	46	[4]
57	48	[15, 29]
58	48	[29]
59	48	[29]
60	48	[23, 30]
61	48	[17, 31]
62	48	[18, 30, 31, 32]
63	48	[19, 31]

64	48	[20, 32]
65	48	[21, 30]
66	48	[22, 32]
67	50	[14]
68	52	[5, 33]
69	52	[7]
70	52	[7]
71	54	[24]
72	56	[10, 34]
73	56	[11, 34]
74	56	[12, 34]
75	58	[4]
76	60	[15, 27, 35]
77	62	[4]
78	64	[36]
79	64	[36]
80	64	[36]
81	64	[39, 40, 42]
82	64	[38, 40, 44]
83	64	[37, 42, 44]
84	64	[36, 37, 40]
85	64	[36, 39, 44]
86	64	[36, 38, 42]
87	64	[36]
88	64	[37, 38, 39]
89	64	[41]
90	64	[41, 42, 43]
91	64	[41]
92	64	[42]
93	64	[42]
94	64	[42]
95	66	[8, 28]
96	68	[5, 45]
97	68	[7]
98	68	[7]
99	70	[14, 16]
100	72	[12]
101	72	[11, 46]

102	72	[13]
103	72	[13]
104	72	[24, 29]
105	72	[30, 47]
106	72	[31, 47]
107	72	[32, 47]
108	74	[4]
109	76	[5, 48]
110	78	[8, 33]
111	80	[23, 51]
112	80	[17, 49]
113	80	[18, 49, 51, 53]
114	80	[18, 50]
115	80	[18, 52]
116	80	[19, 49]
117	80	[20, 53]
118	80	[21, 51]
119	80	[21, 50]
120	80	[21, 52]
121	80	[22, 53]
122	80	[23, 50]
123	80	[23, 52]
124	82	[4]
125	84	[15, 34, 54]
126	86	[4]
127	88	[10, 55]
128	88	[11, 55]
129	88	[12, 55]
130	90	[24, 35]
131	92	[5, 56]
132	94	[4]
133	96	[29]
134	96	[30, 57]
135	96	[31, 57]
136	96	[32, 57]
137	96	[42, 61, 62, 63]
138	96	[44, 62, 64, 66]
139	96	[40, 60, 62, 65]

140	96	[36, 62]
141	96	[37, 62]
142	96	[38, 62]
143	96	[39, 62]
144	96	[41, 61]
145	96	[43, 61]
146	96	[57]
147	96	[57]
148	96	[57]
149	96	[57, 58, 59]
150	98	[16]
151	100	[25, 26]
152	100	[25]
153	100	[26]
154	100	[27, 67]
155	102	[8, 45]
156	104	[10, 68]
157	104	[11, 69]
158	104	[11, 70]
159	104	[11, 68]
160	104	[12, 68]
161	106	[4]
162	108	[46]
163	108	[47, 71]
164	110	[14, 28]
165	112	[23, 73]
166	112	[17, 72]
167	112	[18, 72, 73, 74]
168	112	[19, 72]
169	112	[20, 74]
170	112	[21, 73]
171	112	[22, 74]
172	114	[8, 48]
173	116	[5, 75]
174	116	[7]
175	116	[7]
176	118	[4]
177	120	[4]

178	120	[2]
179	120	[30, 50]
180	120	[30, 52]
181	120	[29, 35]
182	120	[30, 51, 76]
183	120	[31, 49, 76]
184	120	[32, 53, 76]
185	122	[4]
186	124	[5, 77]
187	126	[24, 54]
188	128	[81, 90, 94]
189	128	[83, 90, 93]
190	128	[86, 90, 92]
191	128	[78, 85, 87]
192	128	[78, 79, 86]
193	128	[78, 80, 84]
194	128	[78]
195	128	[78]
196	128	[78]
197	128	[78]
198	128	[79]
199	128	[79]
200	128	[79, 84, 87]
201	128	[79]
202	128	[79]
203	128	[79, 80, 85]
204	128	[80]
205	128	[80]
206	128	[80, 86, 87]
207	128	[80]
208	128	[80]
209	128	[81, 82, 83, 84, 85, 86, 88]
210	128	[81, 92, 93]
211	128	[82]
212	128	[82]
213	128	[83, 92, 94]
214	128	[86]
215	128	[86]

216	128	[86, 93, 94]
217	128	[89]
218	128	[89, 90, 91]
219	128	[89]
220	128	[90]
221	128	[90]
222	128	[90]
223	130	[14, 33]
224	132	[15, 55, 95]
225	134	[4]
226	136	[10, 96]
227	136	[11, 96]
228	136	[11, 98]
229	136	[11, 97]
230	136	[12, 96]
231	136	[13]
232	136	[13]
233	136	[13]
234	136	[13]
235	138	[8, 56]
236	140	[27, 34, 99]
237	142	[4]
238	144	[18, 101]
239	144	[18, 100]
240	144	[19]
241	144	[19]
242	144	[20]
243	144	[20]
244	144	[20, 100]
245	144	[21, 101]
246	144	[22, 100]
247	144	[23, 102]
248	144	[23, 101]
249	144	[23, 103]
250	144	[60, 105]
251	144	[61, 106]
252	144	[62, 105, 106, 107]
253	144	[63, 106]

254	144	[64, 107]
255	144	[65, 105]
256	144	[66, 107]
257	144	[47, 57, 104]
258	144	[58, 104]
259	144	[59, 104]
260	146	[4]
261	148	[5, 108]
262	148	[7]
263	148	[7]
264	150	[35, 67]
265	152	[10, 109]
266	152	[11, 109]
267	152	[12, 109]
268	154	[16, 28]
269	156	[15, 68, 110]
270	158	[4]
271	160	[14]
272	160	[42, 114]
273	160	[44, 114]
274	160	[42, 115]
275	160	[44, 115]
276	160	[36, 114]
277	160	[36, 115]
278	160	[36, 113]
279	160	[37, 114]
280	160	[37, 113]
281	160	[37, 115]
282	160	[38, 115]
283	160	[38, 113]
284	160	[38, 114]
285	160	[39, 115]
286	160	[39, 114]
287	160	[39, 113]
288	160	[40, 111, 113, 118]
289	160	[40, 115, 120, 123]
290	160	[40, 114, 119, 122]
291	160	[41, 112]

292	160	[42, 112, 113, 116]
293	160	[43, 112]
294	160	[44, 113, 117, 121]
295	162	[71]
296	164	[5, 124]
297	164	[7]
298	164	[7]
299	166	[4]
300	168	[1]
301	168	[29, 54]
302	168	[30, 73, 125]
303	168	[31, 72, 125]
304	168	[32, 74, 125]
305	170	[14, 45]
306	172	[5, 126]
307	174	[8, 75]
308	176	[17, 127]
309	176	[18, 127, 128, 129]
310	176	[19, 127]
311	176	[20, 129]
312	176	[21, 128]
313	176	[22, 129]
314	176	[23, 128]
315	178	[4]
316	180	[25, 46]
317	180	[26, 46]
318	180	[47, 76, 130]
319	182	[16, 33]
320	184	[10, 131]
321	184	[11, 131]
322	184	[12, 131]
323	186	[8, 77]
324	188	[5, 132]
325	190	[14, 48]
326	192	[57]
327	192	[60, 134]
328	192	[61, 135]
329	192	[62, 134, 135, 136]

330	192	[63, 135]
331	192	[64, 136]
332	192	[65, 134]
333	192	[66, 136]
334	192	[90, 137, 144, 145]
335	192	[57]
336	192	[57, 133]
337	192	[58, 133]
338	192	[134, 148, 149]
339	192	[135, 146, 149]
340	192	[136, 147, 149]
341	192	[59, 133]
342	192	[81, 137, 139, 143]
343	192	[82, 138, 139, 142]
344	192	[84, 139, 140, 141]
345	192	[83, 137, 138, 141]
346	192	[86, 137, 140, 142]
347	192	[85, 138, 140, 143]
348	192	[78, 140]
349	192	[79, 140]
350	192	[80, 140]
351	192	[87, 140]
352	192	[88, 141, 142, 143]
353	192	[89, 144]
354	192	[91, 144]
355	192	[92, 137]
356	192	[93, 137]
357	192	[94, 137]
358	192	[134]
359	192	[134]
360	192	[134, 146, 147]
361	192	[135]
362	192	[135]
363	192	[135, 147, 148]
364	192	[136]
365	192	[136, 146, 148]
366	192	[136]
367	194	[4]

368	196	[7]
369	196	[34, 150]
370	198	[24, 95]
371	200	[12]
372	200	[13]
373	200	[13]
374	200	[50, 51]
375	200	[51, 52]
376	200	[49, 154]
377	200	[50, 52, 151]
378	200	[50, 152]
379	200	[51, 154]
380	200	[52, 153]
381	200	[53, 154]
382	202	[4]
383	204	[15, 96, 155]
384	206	[4]
385	208	[17, 156]
386	208	[18, 156, 159, 160]
387	208	[18, 158]
388	208	[18, 157]
389	208	[19, 156]
390	208	[20, 160]
391	208	[21, 159]
392	208	[21, 157]
393	208	[21, 158]
394	208	[22, 160]
395	208	[23, 157]
396	208	[23, 158]
397	208	[23, 159]
398	210	[35, 54, 99]
399	212	[5, 161]
400	212	[7]
401	212	[7]
402	214	[4]
403	216	[30, 101]
404	216	[32, 100]
405	216	[71, 104]

406	216	[105, 163]
407	216	[106, 163]
408	216	[107, 163]
409	216	[100]
410	216	[101, 162]
411	216	[102]
412	216	[103]
413	218	[4]
414	220	[27, 55, 164]
415	222	[8, 108]
416	224	[36, 167]
417	224	[37, 167]
418	224	[38, 167]
419	224	[39, 167]
420	224	[40, 165, 167, 170]
421	224	[41, 166]
422	224	[42, 166, 167, 168]
423	224	[43, 166]
424	224	[44, 167, 169, 171]
425	226	[4]
426	228	[15, 109, 172]
427	230	[14, 56]
428	232	[10, 173]
429	232	[11, 174]
430	232	[11, 173]
431	232	[11, 175]
432	232	[12, 173]
433	234	[24, 110]
434	236	[5, 176]
435	238	[16, 45]
436	240	[57, 76, 181]
437	240	[62, 114, 179]
438	240	[62, 115, 180]
439	240	[60, 111, 182]
440	240	[61, 112, 183]
441	240	[62, 113, 182, 183, 184]
442	240	[63, 116, 183]
443	240	[64, 117, 184]

444	240	[65, 118, 182]
445	240	[66, 121, 184]
446	240	[58, 181]
447	240	[59, 181]
448	240	[60, 122, 179]
449	240	[60, 123, 180]
450	240	[65, 120, 180]
451	240	[65, 119, 179]
452	240	[5, 177]
453	240	[177]
454	240	[177]
455	240	[6, 178]
456	240	[5, 178]
457	240	[7, 178]
458	242	[28]
459	244	[5, 185]
460	244	[7]
461	244	[7]
462	246	[8, 124]
463	248	[10, 186]
464	248	[11, 186]
465	248	[12, 186]
466	250	[67]
467	252	[47, 125, 187]
468	254	[4]
469	256	[190, 192, 214]
470	256	[190, 206, 215]
471	256	[191, 192, 193, 200, 203, 206, 209]
472	256	[188, 189, 190, 209, 210, 213, 216]
473	256	[188, 218, 222]
474	256	[189, 218, 221]
475	256	[190, 218, 220]
476	256	[192, 215, 216]
477	256	[206, 214, 216]
478	256	[188, 220, 221]
479	256	[189, 220, 222]
480	256	[190]
481	256	[190]

482	256	[190, 221, 222]
483	256	[191, 196, 197]
484	256	[191, 194, 195]
485	256	[192]
486	256	[192, 194, 196]
487	256	[192]
488	256	[192]
489	256	[192]
490	256	[192, 195, 197]
491	256	[192, 199, 202]
492	256	[192]
493	256	[192]
494	256	[192, 198, 201]
495	256	[192]
496	256	[192]
497	256	[193, 204, 207]
498	256	[193]
499	256	[193, 195, 196]
500	256	[193, 205, 208]
501	256	[193]
502	256	[193, 194, 197]
503	256	[194]
504	256	[194]
505	256	[194]
506	256	[194]
507	256	[196]
508	256	[196]
509	256	[196]
510	256	[196]
511	256	[198, 202, 203]
512	256	[198, 199, 200]
513	256	[199]
514	256	[199]
515	256	[199, 201, 203]
516	256	[199]
517	256	[199]
518	256	[200, 201, 202]
519	256	[203]

520	256	[203, 204, 208]
521	256	[203, 205, 207]
522	256	[203]
523	256	[204, 205, 206]
524	256	[206]
525	256	[206, 207, 208]
526	256	[206]
527	256	[209, 211, 212]
528	256	[209]
529	256	[209]
530	256	[209, 214, 215]
531	256	[209]
532	256	[210]
533	256	[210]
534	256	[217]
535	256	[217, 218, 219]
536	256	[217]
537	256	[218]
538	256	[218]
539	256	[218]
540	258	[8, 126]
541	260	[25, 69]
542	260	[25, 70]
543	260	[26, 70]
544	260	[26, 69]
545	260	[27, 68, 223]
546	262	[4]
547	264	[29, 95]
548	264	[30, 128, 224]
549	264	[31, 127, 224]
550	264	[32, 129, 224]
551	266	[16, 48]
552	268	[5, 225]
553	270	[71, 130]
554	272	[17, 226]
555	272	[18, 226, 227, 230]
556	272	[18, 229]
557	272	[18, 228]

558	272	[19, 226]
559	272	[20, 230]
560	272	[21, 227]
561	272	[21, 229]
562	272	[21, 228]
563	272	[22, 230]
564	272	[23, 234]
565	272	[23, 227]
566	272	[23, 229]
567	272	[23, 233]
568	272	[23, 231]
569	272	[23, 232]
570	272	[23, 228]
571	274	[4]
572	276	[15, 131, 235]
573	278	[4]
574	280	[50, 73]
575	280	[52, 73]
576	280	[49, 72, 236]
577	280	[51, 73, 236]
578	280	[53, 74, 236]
579	282	[8, 132]
580	284	[5, 237]
581	286	[28, 33]
582	288	[36, 238]
583	288	[36, 239]
584	288	[140, 252]
585	288	[37, 238]
586	288	[37, 239]
587	288	[141, 252]
588	288	[38, 238]
589	288	[38, 239]
590	288	[142, 252]
591	288	[39, 239]
592	288	[39, 238]
593	288	[143, 252]
594	288	[40, 249]
595	288	[40, 247]

596	288	[40, 238, 245, 248]
597	288	[40, 239]
598	288	[139, 250, 252, 255]
599	288	[144, 251]
600	288	[42, 238]
601	288	[42, 239]
602	288	[42, 240]
603	288	[42, 241]
604	288	[137, 251, 252, 253]
605	288	[145, 251]
606	288	[44, 238]
607	288	[44, 242]
608	288	[44, 243]
609	288	[44, 239, 244, 246]
610	288	[138, 252, 254, 256]
611	288	[149, 257, 258, 259]
612	288	[104, 133]
613	288	[105, 134, 257]
614	288	[106, 135, 257]
615	288	[107, 136, 257]
616	288	[146, 257]
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