## PCIC-IIMAS-UNAM

# Criptografía

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#### Examen-Tarea

#### J. Ponciano

#### Resumen

Sea (Y\*Y) = (X\*X\*X) + X + 1 (i,e. a=b=1) sobre  $Z_{-}(10007)$  demuestre que P(7,5300) es un punto racional de la curva anterior cuyo orden es 10065. Mas aun suponga d=12345 es la llave privada del criptosistema, encuentre el valor del la llave publica Q, la cual se sabe esta dada por Q=dP.

## Contenido:

(7,5300) es solución... (p. 1) Orden de (7,5300)... (p.498, ) dP=Q... (p 583) Código fuente... (p. 584)

(E): y2 = x3 + x + 1

### Puntos racionales.

El punto racional número 12 de la lista siguiente muestra que (7, 5300) es una solución de la curva elíptica (E)

1 (0, 1)	9 (6, 2756)	17 (15, 551)
2 (0, 10006)	10 (6, 7251)	18 (15, 9456)
3 (1, 1477)	11 (7, 4707)	19 (16, 2782)
4 (1, 8530)	12 (7, 5300)	20 (16, 7225)
5 (2, 2568)	13 (10, 145)	21 (20, 1315)
6 (2, 7439)	14 (10, 9862)	22 (20, 8692)
7 (5, 4467)	15 (12, 832)	23 (22, 3487)
8 (5, 5540)	16 (12, 9175)	24 (22, 6520)

25 (26, 3120)	52 (54, 7463)	79 (80, 4557)
26 (26, 6887)	53 (55, 1571)	80 (80, 5450)
27 (27, 1327)	54 (55, 8436)	81 (81, 3342)
28 (27, 8680)	55 (57, 3875)	82 (81, 6665)
29 (29, 3183)	56 (57, 6132)	83 (84, 1282)
30 (29, 6824)	57 (59, 660)	84 (84, 8725)
31 (33, 3810)	58 (59, 9347)	85 (86, 2573)
32 (33, 6197)	59 (61, 83)	86 (86, 7434)
33 (35, 4248)	60 (61, 9924)	87 (87, 3601)
34 (35, 5759)	61 (62, 434)	88 (87, 6406)
35 (39, 1418)	62 (62, 9573)	89 (90, 1058)
36 (39, 8589)	63 (66, 1822)	90 (90, 8949)
37 (40, 1785)	64 (66, 8185)	91 (94, 1527)
38 (40, 8222)	65 (68, 3105)	92 (94, 8480)
39 (44, 3749)	66 (68, 6902)	93 (97, 814)
40 (44, 6258)	67 (70, 1961)	94 (97, 9193)
41 (48, 448)	68 (70, 8046)	95 (98, 2499)
42 (48, 9559)	69 (71, 2957)	96 (98, 7508)
43 (49, 3136)	70 (71, 7050)	97 (100, 2656)
44 (49, 6871)	71 (72, 611)	98 (100, 7351)
45 (51, 4993)	72 (72, 9396)	99 (103, 4438)
46 (51, 5014)	73 (75, 108)	100 (103, 5569)
47 (52, 2643)	74 (75, 9899)	101 (104, 2685)
48 (52, 7364)	75 (78, 380)	102 (104, 7322)
49 (53, 499)	76 (78, 9627)	103 (106, 2688)
50 (53, 9508)	77 (79, 391)	104 (106, 7319)
51 (54, 2544)	78 (79, 9616)	105 (107, 3657)

106 (107, 6350)	133 (138, 128)	160 (162, 6973)
107 (111, 841)	134 (138, 9879)	161 (163, 4258)
108 (111, 9166)	135 (140, 3369)	162 (163, 5749)
109 (117, 2932)	136 (140, 6638)	163 (166, 3348)
110 (117, 7075)	137 (142, 1401)	164 (166, 6659)
111 (119, 4196)	138 (142, 8606)	165 (170, 2122)
112 (119, 5811)	139 (143, 3799)	166 (170, 7885)
113 (122, 4798)	140 (143, 6208)	167 (173, 2744)
114 (122, 5209)	141 (144, 2366)	168 (173, 7263)
115 (125, 4087)	142 (144, 7641)	169 (174, 3344)
116 (125, 5920)	143 (146, 1850)	170 (174, 6663)
117 (126, 624)	144 (146, 8157)	171 (175, 2992)
118 (126, 9383)	145 (149, 4330)	172 (175, 7015)
119 (128, 2488)	146 (149, 5677)	173 (178, 3897)
120 (128, 7519)	147 (152, 1015)	174 (178, 6110)
121 (130, 1827)	148 (152, 8992)	175 (181, 2514)
122 (130, 8180)	149 (153, 1233)	176 (181, 7493)
123 (132, 4382)	150 (153, 8774)	177 (183, 524)
124 (132, 5625)	151 (154, 3187)	178 (183, 9483)
125 (133, 4723)	152 (154, 6820)	179 (185, 1367)
126 (133, 5284)	153 (155, 1180)	180 (185, 8640)
127 (134, 2347)	154 (155, 8827)	181 (186, 3927)
128 (134, 7660)	155 (158, 1021)	182 (186, 6080)
129 (136, 2271)	156 (158, 8986)	183 (187, 1075)
130 (136, 7736)	157 (161, 1073)	184 (187, 8932)
131 (137, 3243)	158 (161, 8934)	185 (188, 3114)
132 (137, 6764)	159 (162, 3034)	186 (188, 6893)

187 (189, 4170)	214 (215, 9320)	241 (241, 1389)
188 (189, 5837)	215 (216, 3662)	242 (241, 8618)
189 (190, 4601)	216 (216, 6345)	243 (242, 336)
190 (190, 5406)	217 (218, 2111)	244 (242, 9671)
191 (193, 65)	218 (218, 7896)	245 (244, 4011)
192 (193, 9942)	219 (219, 1590)	246 (244, 5996)
193 (194, 2933)	220 (219, 8417)	247 (251, 1742)
194 (194, 7074)	221 (221, 4885)	248 (251, 8265)
195 (195, 1898)	222 (221, 5122)	249 (252, 4438)
196 (195, 8109)	223 (223, 1354)	250 (252, 5569)
197 (197, 2756)	224 (223, 8653)	251 (254, 2289)
198 (197, 7251)	225 (224, 4658)	252 (254, 7718)
199 (200, 3323)	226 (224, 5349)	253 (255, 557)
200 (200, 6684)	227 (226, 3602)	254 (255, 9450)
201 (203, 3011)	228 (226, 6405)	255 (259, 789)
202 (203, 6996)	229 (228, 946)	256 (259, 9218)
203 (205, 2136)	230 (228, 9061)	257 (260, 63)
204 (205, 7871)	231 (230, 3720)	258 (260, 9944)
205 (207, 1362)	232 (230, 6287)	259 (261, 3910)
206 (207, 8645)	233 (232, 4306)	260 (261, 6097)
207 (208, 532)	234 (232, 5701)	261 (263, 2110)
208 (208, 9475)	235 (234, 2638)	262 (263, 7897)
209 (211, 805)	236 (234, 7369)	263 (265, 2739)
210 (211, 9202)	237 (237, 4671)	264 (265, 7268)
211 (213, 84)	238 (237, 5336)	265 (266, 4635)
212 (213, 9923)	239 (238, 3554)	266 (266, 5372)
213 (215, 687)	240 (238, 6453)	267 (269, 42)

268 (269, 9965)	295 (296, 2326)	322 (337, 8670)
269 (271, 3995)	296 (296, 7681)	323 (338, 3331)
270 (271, 6012)	297 (299, 5003)	324 (338, 6676)
271 (273, 2253)	298 (299, 5004)	325 (339, 177)
272 (273, 7754)	299 (303, 3179)	326 (339, 9830)
273 (274, 1410)	300 (303, 6828)	327 (340, 2042)
274 (274, 8597)	301 (306, 4984)	328 (340, 7965)
275 (275, 3056)	302 (306, 5023)	329 (341, 1502)
276 (275, 6951)	303 (308, 410)	330 (341, 8505)
277 (276, 4270)	304 (308, 9597)	331 (342, 4402)
278 (276, 5737)	305 (312, 4606)	332 (342, 5605)
279 (280, 2717)	306 (312, 5401)	333 (344, 1446)
280 (280, 7290)	307 (314, 2417)	334 (344, 8561)
281 (284, 4724)	308 (314, 7590)	335 (345, 3089)
282 (284, 5283)	309 (316, 4988)	336 (345, 6918)
283 (286, 984)	310 (316, 5019)	337 (348, 485)
284 (286, 9023)	311 (317, 2242)	338 (348, 9522)
285 (288, 2473)	312 (317, 7765)	339 (349, 3923)
286 (288, 7534)	313 (318, 4323)	340 (349, 6084)
287 (289, 2162)	314 (318, 5684)	341 (350, 993)
288 (289, 7845)	315 (322, 1938)	342 (350, 9014)
289 (293, 191)	316 (322, 8069)	343 (351, 1416)
290 (293, 9816)	317 (325, 3849)	344 (351, 8591)
291 (294, 2304)	318 (325, 6158)	345 (352, 3790)
292 (294, 7703)	319 (330, 3820)	346 (352, 6217)
293 (295, 3219)	320 (330, 6187)	347 (354, 1698)
294 (295, 6788)	321 (337, 1337)	348 (354, 8309)

349 (358, 2794)	376 (387, 7678)	403 (420, 1199)
350 (358, 7213)	377 (388, 103)	404 (420, 8808)
351 (361, 3828)	378 (388, 9904)	405 (422, 4921)
352 (361, 6179)	379 (390, 1975)	406 (422, 5086)
353 (362, 892)	380 (390, 8032)	407 (423, 886)
354 (362, 9115)	381 (391, 4953)	408 (423, 9121)
355 (364, 1413)	382 (391, 5054)	409 (426, 4177)
356 (364, 8594)	383 (392, 1512)	410 (426, 5830)
357 (367, 311)	384 (392, 8495)	411 (431, 3612)
358 (367, 9696)	385 (395, 1892)	412 (431, 6395)
359 (368, 4705)	386 (395, 8115)	413 (432, 1169)
360 (368, 5302)	387 (400, 3202)	414 (432, 8838)
361 (372, 3564)	388 (400, 6805)	415 (433, 1967)
362 (372, 6443)	389 (402, 4414)	416 (433, 8040)
363 (373, 1432)	390 (402, 5593)	417 (435, 2757)
364 (373, 8575)	391 (404, 1725)	418 (435, 7250)
365 (381, 639)	392 (404, 8282)	419 (438, 995)
366 (381, 9368)	393 (406, 1913)	420 (438, 9012)
367 (382, 803)	394 (406, 8094)	421 (440, 495)
368 (382, 9204)	395 (408, 2434)	422 (440, 9512)
369 (383, 2370)	396 (408, 7573)	423 (443, 467)
370 (383, 7637)	397 (411, 4292)	424 (443, 9540)
371 (385, 3686)	398 (411, 5715)	425 (450, 2647)
372 (385, 6321)	399 (417, 1601)	426 (450, 7360)
373 (386, 673)	400 (417, 8406)	427 (452, 567)
374 (386, 9334)	401 (419, 1847)	428 (452, 9440)
375 (387, 2329)	402 (419, 8160)	429 (453, 828)

430 (453, 9179)	457 (482, 4429)	484 (513, 5973)
431 (457, 2730)	458 (482, 5578)	485 (515, 496)
432 (457, 7277)	459 (484, 3783)	486 (515, 9511)
433 (458, 711)	460 (484, 6224)	487 (516, 4862)
434 (458, 9296)	461 (492, 4803)	488 (516, 5145)
435 (460, 2272)	462 (492, 5204)	489 (518, 4177)
436 (460, 7735)	463 (493, 4506)	490 (518, 5830)
437 (461, 2782)	464 (493, 5501)	491 (519, 33)
438 (461, 7225)	465 (496, 2180)	492 (519, 9974)
439 (467, 4938)	466 (496, 7827)	493 (526, 4077)
440 (467, 5069)	467 (497, 1292)	494 (526, 5930)
441 (469, 4)	468 (497, 8715)	495 (527, 1006)
442 (469, 10003)	469 (498, 1724)	496 (527, 9001)
443 (470, 1644)	470 (498, 8283)	497 (529, 3074)
444 (470, 8363)	471 (501, 4038)	498 (529, 6933)
445 (471, 4309)	472 (501, 5969)	499 (530, 271)
446 (471, 5698)	473 (502, 4550)	500 (530, 9736)
447 (472, 2127)	474 (502, 5457)	501 (531, 1939)
448 (472, 7880)	475 (506, 2874)	502 (531, 8068)
449 (474, 364)	476 (506, 7133)	503 (532, 2123)
450 (474, 9643)	477 (507, 2046)	504 (532, 7884)
451 (476, 1287)	478 (507, 7961)	505 (536, 3695)
452 (476, 8720)	479 (509, 2344)	506 (536, 6312)
453 (478, 900)	480 (509, 7663)	507 (537, 968)
454 (478, 9107)	481 (510, 3720)	508 (537, 9039)
455 (481, 2047)	482 (510, 6287)	509 (539, 3309)
456 (481, 7960)	483 (513, 4034)	510 (539, 6698)

511 (540, 4601)	538 (561, 5713)	565 (586, 933)
512 (540, 5406)	539 (563, 479)	566 (586, 9074)
513 (546, 3478)	540 (563, 9528)	567 (588, 1295)
514 (546, 6529)	541 (564, 3041)	568 (588, 8712)
515 (547, 4719)	542 (564, 6966)	569 (589, 972)
516 (547, 5288)	543 (566, 3761)	570 (589, 9035)
517 (548, 1226)	544 (566, 6246)	571 (592, 142)
518 (548, 8781)	545 (568, 4222)	572 (592, 9865)
519 (549, 3691)	546 (568, 5785)	573 (595, 3275)
520 (549, 6316)	547 (569, 2749)	574 (595, 6732)
521 (550, 4709)	548 (569, 7258)	575 (598, 3776)
522 (550, 5298)	549 (571, 4449)	576 (598, 6231)
523 (551, 4460)	550 (571, 5558)	577 (599, 3231)
524 (551, 5547)	551 (572, 4788)	578 (599, 6776)
525 (552, 2699)	552 (572, 5219)	579 (602, 2002)
526 (552, 7308)	553 (576, 1747)	580 (602, 8005)
527 (554, 2789)	554 (576, 8260)	581 (603, 2555)
528 (554, 7218)	555 (577, 3188)	582 (603, 7452)
529 (555, 505)	556 (577, 6819)	583 (604, 1846)
530 (555, 9502)	557 (578, 4772)	584 (604, 8161)
531 (556, 1540)	558 (578, 5235)	585 (607, 4296)
532 (556, 8467)	559 (579, 911)	586 (607, 5711)
533 (557, 2189)	560 (579, 9096)	587 (610, 3766)
534 (557, 7818)	561 (580, 2480)	588 (610, 6241)
535 (560, 4533)	562 (580, 7527)	589 (611, 4061)
536 (560, 5474)	563 (584, 3395)	590 (611, 5946)
537 (561, 4294)	564 (584, 6612)	591 (612, 3345)

592 (612, 6662)	619 (640, 672)	646 (666, 8476)
593 (613, 1838)	620 (640, 9335)	647 (671, 2626)
594 (613, 8169)	621 (642, 3997)	648 (671, 7381)
595 (614, 4454)	622 (642, 6010)	649 (673, 4046)
596 (614, 5553)	623 (643, 1343)	650 (673, 5961)
597 (616, 1739)	624 (643, 8664)	651 (676, 3767)
598 (616, 8268)	625 (646, 168)	652 (676, 6240)
599 (617, 1180)	626 (646, 9839)	653 (677, 4255)
600 (617, 8827)	627 (647, 389)	654 (677, 5752)
601 (618, 3172)	628 (647, 9618)	655 (680, 1189)
602 (618, 6835)	629 (650, 2709)	656 (680, 8818)
603 (622, 4963)	630 (650, 7298)	657 (681, 2966)
604 (622, 5044)	631 (651, 2922)	658 (681, 7041)
605 (623, 2644)	632 (651, 7085)	659 (683, 1221)
606 (623, 7363)	633 (653, 960)	660 (683, 8786)
607 (626, 2092)	634 (653, 9047)	661 (685, 3479)
608 (626, 7915)	635 (654, 3324)	662 (685, 6528)
609 (629, 1125)	636 (654, 6683)	663 (689, 4957)
610 (629, 8882)	637 (656, 3412)	664 (689, 5050)
611 (631, 3030)	638 (656, 6595)	665 (691, 2150)
612 (631, 6977)	639 (657, 4715)	666 (691, 7857)
613 (632, 3704)	640 (657, 5292)	667 (695, 1208)
614 (632, 6303)	641 (658, 4722)	668 (695, 8799)
615 (635, 97)	642 (658, 5285)	669 (697, 4989)
616 (635, 9910)	643 (661, 4261)	670 (697, 5018)
617 (638, 4980)	644 (661, 5746)	671 (699, 3164)
618 (638, 5027)	645 (666, 1531)	672 (699, 6843)

673 (700, 2401)	700 (725, 8698)	727 (748, 1126)
674 (700, 7606)	701 (726, 361)	728 (748, 8881)
675 (702, 2064)	702 (726, 9646)	729 (750, 1316)
676 (702, 7943)	703 (727, 4998)	730 (750, 8691)
677 (703, 4461)	704 (727, 5009)	731 (756, 3212)
678 (703, 5546)	705 (728, 1432)	732 (756, 6795)
679 (704, 4763)	706 (728, 8575)	733 (757, 2766)
680 (704, 5244)	707 (732, 3796)	734 (757, 7241)
681 (705, 2124)	708 (732, 6211)	735 (759, 2976)
682 (705, 7883)	709 (733, 4238)	736 (759, 7031)
683 (710, 3607)	710 (733, 5769)	737 (760, 3243)
684 (710, 6400)	711 (734, 348)	738 (760, 6764)
685 (711, 406)	712 (734, 9659)	739 (763, 1705)
686 (711, 9601)	713 (735, 4663)	740 (763, 8302)
687 (712, 2718)	714 (735, 5344)	741 (766, 3859)
688 (712, 7289)	715 (736, 1850)	742 (766, 6148)
689 (714, 21)	716 (736, 8157)	743 (768, 3423)
690 (714, 9986)	717 (739, 43)	744 (768, 6584)
691 (716, 858)	718 (739, 9964)	745 (774, 3206)
692 (716, 9149)	719 (740, 2288)	746 (774, 6801)
693 (717, 3320)	720 (740, 7719)	747 (775, 4030)
694 (717, 6687)	721 (745, 394)	748 (775, 5977)
695 (719, 4715)	722 (745, 9613)	749 (777, 4168)
696 (719, 5292)	723 (746, 1901)	750 (777, 5839)
697 (724, 2815)	724 (746, 8106)	751 (779, 3531)
698 (724, 7192)	725 (747, 4832)	752 (779, 6476)
699 (725, 1309)	726 (747, 5175)	753 (781, 2878)

754 (781, 7129)	781 (804, 2492)	808 (837, 8131)
755 (782, 3826)	782 (804, 7515)	809 (839, 3580)
756 (782, 6181)	783 (806, 4485)	810 (839, 6427)
757 (785, 373)	784 (806, 5522)	811 (840, 762)
758 (785, 9634)	785 (808, 3725)	812 (840, 9245)
759 (786, 3521)	786 (808, 6282)	813 (841, 3528)
760 (786, 6486)	787 (811, 1196)	814 (841, 6479)
761 (787, 4523)	788 (811, 8811)	815 (843, 1575)
762 (787, 5484)	789 (813, 2224)	816 (843, 8432)
763 (788, 1343)	790 (813, 7783)	817 (844, 4805)
764 (788, 8664)	791 (814, 277)	818 (844, 5202)
765 (790, 1427)	792 (814, 9730)	819 (845, 3176)
766 (790, 8580)	793 (815, 1291)	820 (845, 6831)
767 (792, 968)	794 (815, 8716)	821 (846, 2206)
768 (792, 9039)	795 (816, 538)	822 (846, 7801)
769 (793, 171)	796 (816, 9469)	823 (848, 4959)
770 (793, 9836)	797 (823, 3033)	824 (848, 5048)
771 (795, 1364)	798 (823, 6974)	825 (849, 532)
772 (795, 8643)	799 (826, 383)	826 (849, 9475)
773 (796, 1431)	800 (826, 9624)	827 (850, 3293)
774 (796, 8576)	801 (829, 1089)	828 (850, 6714)
775 (797, 2369)	802 (829, 8918)	829 (851, 308)
776 (797, 7638)	803 (835, 1057)	830 (851, 9699)
777 (801, 3005)	804 (835, 8950)	831 (853, 4623)
778 (801, 7002)	805 (836, 3555)	832 (853, 5384)
779 (803, 4619)	806 (836, 6452)	833 (854, 2690)
780 (803, 5388)	807 (837, 1876)	834 (854, 7317)

835 (855, 2084)	862 (877, 8594)	889 (903, 1105)
836 (855, 7923)	863 (879, 3433)	890 (903, 8902)
837 (856, 3476)	864 (879, 6574)	891 (907, 1981)
838 (856, 6531)	865 (880, 1780)	892 (907, 8026)
839 (857, 4590)	866 (880, 8227)	893 (911, 4168)
840 (857, 5417)	867 (885, 3461)	894 (911, 5839)
841 (858, 1934)	868 (885, 6546)	895 (913, 2464)
842 (858, 8073)	869 (886, 4505)	896 (913, 7543)
843 (859, 811)	870 (886, 5502)	897 (916, 670)
844 (859, 9196)	871 (891, 3208)	898 (916, 9337)
845 (860, 1872)	872 (891, 6799)	899 (919, 800)
846 (860, 8135)	873 (892, 4129)	900 (919, 9207)
847 (862, 1962)	874 (892, 5878)	901 (920, 4776)
848 (862, 8045)	875 (893, 3798)	902 (920, 5231)
849 (863, 1841)	876 (893, 6209)	903 (921, 1696)
850 (863, 8166)	877 (895, 4793)	904 (921, 8311)
851 (866, 4478)	878 (895, 5214)	905 (925, 3413)
852 (866, 5529)	879 (896, 3913)	906 (925, 6594)
853 (872, 2705)	880 (896, 6094)	907 (926, 91)
854 (872, 7302)	881 (897, 4870)	908 (926, 9916)
855 (874, 4029)	882 (897, 5137)	909 (928, 4784)
856 (874, 5978)	883 (899, 1008)	910 (928, 5223)
857 (875, 2561)	884 (899, 8999)	911 (929, 3757)
858 (875, 7446)	885 (901, 249)	912 (929, 6250)
859 (876, 1626)	886 (901, 9758)	913 (930, 2674)
860 (876, 8381)	887 (902, 4251)	914 (930, 7333)
861 (877, 1413)	888 (902, 5756)	915 (931, 2896)

916 (931, 7111)	943 (964, 2496)	970 (985, 9379)
917 (934, 402)	944 (964, 7511)	971 (987, 4023)
918 (934, 9605)	945 (965, 1275)	972 (987, 5984)
919 (935, 4811)	946 (965, 8732)	973 (989, 3577)
920 (935, 5196)	947 (966, 624)	974 (989, 6430)
921 (936, 1570)	948 (966, 9383)	975 (990, 2120)
922 (936, 8437)	949 (967, 2259)	976 (990, 7887)
923 (941, 2360)	950 (967, 7748)	977 (991, 3621)
924 (941, 7647)	951 (969, 4679)	978 (991, 6386)
925 (944, 4208)	952 (969, 5328)	979 (995, 2396)
926 (944, 5799)	953 (971, 806)	980 (995, 7611)
927 (945, 2348)	954 (971, 9201)	981 (998, 3933)
928 (945, 7659)	955 (972, 3830)	982 (998, 6074)
929 (947, 1705)	956 (972, 6177)	983 (1002, 3266)
930 (947, 8302)	957 (973, 1351)	984 (1002, 6741)
931 (951, 1395)	958 (973, 8656)	985 (1005, 190)
932 (951, 8612)	959 (977, 440)	986 (1005, 9817)
933 (953, 3538)	960 (977, 9567)	987 (1006, 4152)
934 (953, 6469)	961 (979, 3905)	988 (1006, 5855)
935 (955, 2402)	962 (979, 6102)	989 (1007, 1239)
936 (955, 7605)	963 (980, 3253)	990 (1007, 8768)
937 (959, 1634)	964 (980, 6754)	991 (1008, 2540)
938 (959, 8373)	965 (981, 3645)	992 (1008, 7467)
939 (962, 1846)	966 (981, 6362)	993 (1009, 4392)
940 (962, 8161)	967 (982, 2907)	994 (1009, 5615)
941 (963, 1943)	968 (982, 7100)	995 (1010, 1064)
942 (963, 8064)	969 (985, 628)	996 (1010, 8943)

997 (1015, 219)	1024 (1043, 5352)	1051 (1076, 1352)
998 (1015, 9788)	1025 (1045, 1960)	1052 (1076, 8655)
999 (1020, 2088)	1026 (1045, 8047)	1053 (1077, 2513)
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1001 (1023, 36)	1028 (1046, 5119)	1055 (1080, 2988)
1002 (1023, 9971)	1029 (1047, 1109)	1056 (1080, 7019)
1003 (1024, 776)	1030 (1047, 8898)	1057 (1082, 3878)
1004 (1024, 9231)	1031 (1048, 1916)	1058 (1082, 6129)
1005 (1026, 4341)	1032 (1048, 8091)	1059 (1085, 3241)
1006 (1026, 5666)	1033 (1049, 4454)	1060 (1085, 6766)
1007 (1029, 3177)	1034 (1049, 5553)	1061 (1086, 2442)
1008 (1029, 6830)	1035 (1050, 4942)	1062 (1086, 7565)
1009 (1031, 85)	1036 (1050, 5065)	1063 (1087, 2859)
1010 (1031, 9922)	1037 (1057, 2693)	1064 (1087, 7148)
1011 (1034, 4240)	1038 (1057, 7314)	1065 (1088, 3259)
1012 (1034, 5767)	1039 (1058, 1858)	1066 (1088, 6748)
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1014 (1035, 8961)	1041 (1059, 4306)	1068 (1089, 7318)
1015 (1036, 631)	1042 (1059, 5701)	1069 (1090, 4445)
1016 (1036, 9376)	1043 (1060, 272)	1070 (1090, 5562)
1017 (1037, 2173)	1044 (1060, 9735)	1071 (1091, 479)
1018 (1037, 7834)	1045 (1062, 3617)	1072 (1091, 9528)
1019 (1038, 1370)	1046 (1062, 6390)	1073 (1092, 1861)
1020 (1038, 8637)	1047 (1074, 3417)	1074 (1092, 8146)
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1022 (1040, 8912)	1049 (1075, 4193)	1076 (1094, 6768)
1023 (1043, 4655)	1050 (1075, 5814)	1077 (1095, 485)

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1085 (1099, 3649)	1112 (1124, 6582)	1139 (1156, 2229)
1086 (1099, 6358)	1113 (1126, 1692)	1140 (1156, 7778)
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1089 (1101, 3727)	1116 (1127, 5254)	1143 (1159, 962)
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1092 (1109, 6020)	1119 (1129, 3450)	1146 (1161, 6104)
1093 (1110, 419)	1120 (1129, 6557)	1147 (1162, 1957)
1094 (1110, 9588)	1121 (1131, 592)	1148 (1162, 8050)
1095 (1113, 2795)	1122 (1131, 9415)	1149 (1163, 2117)
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1097 (1114, 751)	1124 (1133, 9456)	1151 (1166, 4958)
1098 (1114, 9256)	1125 (1137, 36)	1152 (1166, 5049)
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1100 (1115, 5813)	1127 (1138, 4763)	1154 (1167, 7725)
1101 (1116, 4433)	1128 (1138, 5244)	1155 (1171, 912)
1102 (1116, 5574)	1129 (1142, 3862)	1156 (1171, 9095)
1103 (1119, 4812)	1130 (1142, 6145)	1157 (1172, 1777)
1104 (1119, 5195)	1131 (1144, 2741)	1158 (1172, 8230)

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1160 (1173, 6783)	1187 (1202, 861)	1214 (1234, 9142)
1161 (1174, 2855)	1188 (1202, 9146)	1215 (1236, 3033)
1162 (1174, 7152)	1189 (1203, 3299)	1216 (1236, 6974)
1163 (1175, 3551)	1190 (1203, 6708)	1217 (1237, 3264)
1164 (1175, 6456)	1191 (1206, 897)	1218 (1237, 6743)
1165 (1178, 1882)	1192 (1206, 9110)	1219 (1238, 4730)
1166 (1178, 8125)	1193 (1210, 513)	1220 (1238, 5277)
1167 (1180, 366)	1194 (1210, 9494)	1221 (1239, 1112)
1168 (1180, 9641)	1195 (1217, 3102)	1222 (1239, 8895)
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1171 (1182, 1264)	1198 (1220, 7447)	1225 (1241, 4501)
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1174 (1183, 5165)	1201 (1223, 1871)	1228 (1247, 7381)
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1176 (1184, 7178)	1203 (1224, 1318)	1230 (1248, 9926)
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1178 (1185, 8686)	1205 (1225, 2127)	1232 (1250, 6303)
1179 (1191, 4077)	1206 (1225, 7880)	1233 (1251, 4879)
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1182 (1194, 5757)	1209 (1232, 1447)	1236 (1254, 8779)
1183 (1197, 4108)	1210 (1232, 8560)	1237 (1255, 3631)
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1185 (1198, 3738)	1212 (1233, 5341)	1239 (1257, 3617)

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1241 (1258, 4963)	1268 (1291, 7080)	1295 (1320, 2601)
1242 (1258, 5044)	1269 (1293, 510)	1296 (1320, 7406)
1243 (1261, 35)	1270 (1293, 9497)	1297 (1321, 1389)
1244 (1261, 9972)	1271 (1294, 4500)	1298 (1321, 8618)
1245 (1262, 3203)	1272 (1294, 5507)	1299 (1326, 4543)
1246 (1262, 6804)	1273 (1295, 1591)	1300 (1326, 5464)
1247 (1265, 4298)	1274 (1295, 8416)	1301 (1327, 2734)
1248 (1265, 5709)	1275 (1297, 1357)	1302 (1327, 7273)
1249 (1267, 4224)	1276 (1297, 8650)	1303 (1328, 51)
1250 (1267, 5783)	1277 (1300, 1227)	1304 (1328, 9956)
1251 (1272, 3981)	1278 (1300, 8780)	1305 (1331, 728)
1252 (1272, 6026)	1279 (1301, 3706)	1306 (1331, 9279)
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1254 (1274, 6748)	1281 (1302, 940)	1308 (1334, 5929)
1255 (1275, 462)	1282 (1302, 9067)	1309 (1339, 3867)
1256 (1275, 9545)	1283 (1303, 345)	1310 (1339, 6140)
1257 (1276, 3072)	1284 (1303, 9662)	1311 (1340, 1595)
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1259 (1283, 3377)	1286 (1305, 5046)	1313 (1344, 761)
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1261 (1284, 3668)	1288 (1307, 9760)	1315 (1345, 3322)
1262 (1284, 6339)	1289 (1310, 1978)	1316 (1345, 6685)
1263 (1285, 4430)	1290 (1310, 8029)	1317 (1346, 1627)
1264 (1285, 5577)	1291 (1312, 1522)	1318 (1346, 8380)
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1321 (1349, 4625)	1348 (1371, 7731)	1375 (1397, 1626)
1322 (1349, 5382)	1349 (1372, 2506)	1376 (1397, 8381)
1323 (1354, 1075)	1350 (1372, 7501)	1377 (1400, 1826)
1324 (1354, 8932)	1351 (1373, 305)	1378 (1400, 8181)
1325 (1355, 3553)	1352 (1373, 9702)	1379 (1401, 377)
1326 (1355, 6454)	1353 (1376, 587)	1380 (1401, 9630)
1327 (1356, 1294)	1354 (1376, 9420)	1381 (1403, 4479)
1328 (1356, 8713)	1355 (1380, 1561)	1382 (1403, 5528)
1329 (1357, 4676)	1356 (1380, 8446)	1383 (1404, 1518)
1330 (1357, 5331)	1357 (1381, 4663)	1384 (1404, 8489)
1331 (1358, 1084)	1358 (1381, 5344)	1385 (1406, 1058)
1332 (1358, 8923)	1359 (1384, 2682)	1386 (1406, 8949)
1333 (1359, 1228)	1360 (1384, 7325)	1387 (1409, 2502)
1334 (1359, 8779)	1361 (1385, 1107)	1388 (1409, 7505)
1335 (1361, 4884)	1362 (1385, 8900)	1389 (1410, 4782)
1336 (1361, 5123)	1363 (1386, 1273)	1390 (1410, 5225)
1337 (1362, 1451)	1364 (1386, 8734)	1391 (1411, 2193)
1338 (1362, 8556)	1365 (1388, 2867)	1392 (1411, 7814)
1339 (1363, 2562)	1366 (1388, 7140)	1393 (1413, 1919)
1340 (1363, 7445)	1367 (1390, 1270)	1394 (1413, 8088)
1341 (1366, 2839)	1368 (1390, 8737)	1395 (1414, 4133)
1342 (1366, 7168)	1369 (1391, 1095)	1396 (1414, 5874)
1343 (1368, 2669)	1370 (1391, 8912)	1397 (1417, 3049)
1344 (1368, 7338)	1371 (1392, 4738)	1398 (1417, 6958)
1345 (1370, 2379)	1372 (1392, 5269)	1399 (1419, 3522)
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1347 (1371, 2276)	1374 (1394, 6206)	1401 (1421, 3972)

1402 (1421, 6035)	1429 (1449, 2895)	1456 (1477, 5761)
1403 (1422, 3186)	1430 (1449, 7112)	1457 (1479, 4670)
1404 (1422, 6821)	1431 (1450, 4966)	1458 (1479, 5337)
1405 (1423, 1721)	1432 (1450, 5041)	1459 (1480, 571)
1406 (1423, 8286)	1433 (1453, 1531)	1460 (1480, 9436)
1407 (1427, 1397)	1434 (1453, 8476)	1461 (1481, 823)
1408 (1427, 8610)	1435 (1455, 2552)	1462 (1481, 9184)
1409 (1428, 4105)	1436 (1455, 7455)	1463 (1482, 4176)
1410 (1428, 5902)	1437 (1456, 632)	1464 (1482, 5831)
1411 (1432, 4593)	1438 (1456, 9375)	1465 (1485, 4298)
1412 (1432, 5414)	1439 (1457, 468)	1466 (1485, 5709)
1413 (1434, 3242)	1440 (1457, 9539)	1467 (1487, 99)
1414 (1434, 6765)	1441 (1459, 4855)	1468 (1487, 9908)
1415 (1436, 3382)	1442 (1459, 5152)	1469 (1488, 3571)
1416 (1436, 6625)	1443 (1463, 4495)	1470 (1488, 6436)
1417 (1440, 1178)	1444 (1463, 5512)	1471 (1490, 4530)
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1419 (1441, 1691)	1446 (1464, 9515)	1473 (1491, 4352)
1420 (1441, 8316)	1447 (1468, 1362)	1474 (1491, 5655)
1421 (1442, 130)	1448 (1468, 8645)	1475 (1494, 2497)
1422 (1442, 9877)	1449 (1470, 702)	1476 (1494, 7510)
1423 (1445, 4883)	1450 (1470, 9305)	1477 (1495, 2276)
1424 (1445, 5124)	1451 (1473, 356)	1478 (1495, 7731)
1425 (1447, 4362)	1452 (1473, 9651)	1479 (1496, 3090)
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1427 (1448, 892)	1454 (1476, 8676)	1481 (1498, 261)
1428 (1448, 9115)	1455 (1477, 4246)	1482 (1498, 9746)

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1485 (1501, 1784)	1512 (1522, 9889)	1539 (1548, 4444)
1486 (1501, 8223)	1513 (1523, 2771)	1540 (1548, 5563)
1487 (1503, 1126)	1514 (1523, 7236)	1541 (1551, 2918)
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1489 (1504, 2387)	1516 (1525, 9810)	1543 (1553, 3173)
1490 (1504, 7620)	1517 (1527, 4082)	1544 (1553, 6834)
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1493 (1509, 1347)	1520 (1528, 5212)	1547 (1559, 884)
1494 (1509, 8660)	1521 (1529, 4917)	1548 (1559, 9123)
1495 (1511, 3450)	1522 (1529, 5090)	1549 (1560, 1880)
1496 (1511, 6557)	1523 (1530, 3954)	1550 (1560, 8127)
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1499 (1513, 3354)	1526 (1532, 6723)	1553 (1563, 2342)
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1501 (1514, 3538)	1528 (1534, 9728)	1555 (1564, 2861)
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1503 (1515, 579)	1530 (1535, 6970)	1557 (1566, 1813)
1504 (1515, 9428)	1531 (1537, 4902)	1558 (1566, 8194)
1505 (1516, 633)	1532 (1537, 5105)	1559 (1569, 3959)
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1508 (1517, 7307)	1535 (1542, 4766)	1562 (1570, 6879)
1509 (1518, 1916)	1536 (1542, 5241)	1563 (1573, 2448)

1564 (1573, 7559)	1591 (1597, 4625)	1618 (1631, 8880)
1565 (1576, 3794)	1592 (1597, 5382)	1619 (1633, 2838)
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1571 (1582, 4249)	1598 (1602, 6651)	1625 (1640, 1054)
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1573 (1583, 591)	1600 (1604, 7772)	1627 (1642, 746)
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1576 (1584, 9792)	1603 (1610, 4464)	1630 (1643, 6870)
1577 (1585, 3294)	1604 (1610, 5543)	1631 (1649, 4585)
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1579 (1587, 3276)	1606 (1614, 9523)	1633 (1651, 4659)
1580 (1587, 6731)	1607 (1620, 3202)	1634 (1651, 5348)
1581 (1589, 4267)	1608 (1620, 6805)	1635 (1654, 144)
1582 (1589, 5740)	1609 (1621, 3663)	1636 (1654, 9863)
1583 (1591, 2973)	1610 (1621, 6344)	1637 (1656, 1891)
1584 (1591, 7034)	1611 (1624, 2638)	1638 (1656, 8116)
1585 (1593, 741)	1612 (1624, 7369)	1639 (1659, 3217)
1586 (1593, 9266)	1613 (1626, 2042)	1640 (1659, 6790)
1587 (1594, 782)	1614 (1626, 7965)	1641 (1660, 3768)
1588 (1594, 9225)	1615 (1630, 4083)	1642 (1660, 6239)
1589 (1596, 3347)	1616 (1630, 5924)	1643 (1662, 2875)
1590 (1596, 6660)	1617 (1631, 1127)	1644 (1662, 7132)

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1646 (1663, 7517)	1673 (1697, 959)	1700 (1726, 9997)
1647 (1664, 4673)	1674 (1697, 9048)	1701 (1728, 113)
1648 (1664, 5334)	1675 (1699, 580)	1702 (1728, 9894)
1649 (1670, 1612)	1676 (1699, 9427)	1703 (1729, 4056)
1650 (1670, 8395)	1677 (1700, 1329)	1704 (1729, 5951)
1651 (1672, 4478)	1678 (1700, 8678)	1705 (1730, 698)
1652 (1672, 5529)	1679 (1705, 4216)	1706 (1730, 9309)
1653 (1674, 1671)	1680 (1705, 5791)	1707 (1731, 254)
1654 (1674, 8336)	1681 (1706, 269)	1708 (1731, 9753)
1655 (1677, 1371)	1682 (1706, 9738)	1709 (1733, 4505)
1656 (1677, 8636)	1683 (1707, 1779)	1710 (1733, 5502)
1657 (1679, 3941)	1684 (1707, 8228)	1711 (1737, 3218)
1658 (1679, 6066)	1685 (1708, 924)	1712 (1737, 6789)
1659 (1680, 4509)	1686 (1708, 9083)	1713 (1738, 4046)
1660 (1680, 5498)	1687 (1709, 3907)	1714 (1738, 5961)
1661 (1684, 3178)	1688 (1709, 6100)	1715 (1739, 2129)
1662 (1684, 6829)	1689 (1711, 4360)	1716 (1739, 7878)
1663 (1687, 1290)	1690 (1711, 5647)	1717 (1741, 2310)
1664 (1687, 8717)	1691 (1713, 447)	1718 (1741, 7697)
1665 (1689, 4152)	1692 (1713, 9560)	1719 (1742, 254)
1666 (1689, 5855)	1693 (1714, 4333)	1720 (1742, 9753)
1667 (1691, 178)	1694 (1714, 5674)	1721 (1743, 1552)
1668 (1691, 9829)	1695 (1720, 2701)	1722 (1743, 8455)
1669 (1695, 4993)	1696 (1720, 7306)	1723 (1744, 2084)
1670 (1695, 5014)	1697 (1723, 2024)	1724 (1744, 7923)
1671 (1696, 1885)	1698 (1723, 7983)	1725 (1745, 4178)

1726 (1745, 5829)	1753 (1767, 1769)	1780 (1784, 7793)
1727 (1750, 1603)	1754 (1767, 8238)	1781 (1785, 579)
1728 (1750, 8404)	1755 (1768, 2118)	1782 (1785, 9428)
1729 (1751, 2561)	1756 (1768, 7889)	1783 (1786, 2740)
1730 (1751, 7446)	1757 (1769, 4875)	1784 (1786, 7267)
1731 (1752, 4457)	1758 (1769, 5132)	1785 (1788, 3923)
1732 (1752, 5550)	1759 (1770, 382)	1786 (1788, 6084)
1733 (1753, 1887)	1760 (1770, 9625)	1787 (1790, 3995)
1734 (1753, 8120)	1761 (1771, 4976)	1788 (1790, 6012)
1735 (1754, 3427)	1762 (1771, 5031)	1789 (1791, 4918)
1736 (1754, 6580)	1763 (1772, 1991)	1790 (1791, 5089)
1737 (1756, 2295)	1764 (1772, 8016)	1791 (1793, 2853)
1738 (1756, 7712)	1765 (1773, 1919)	1792 (1793, 7154)
1739 (1757, 3762)	1766 (1773, 8088)	1793 (1795, 3527)
1740 (1757, 6245)	1767 (1774, 4025)	1794 (1795, 6480)
1741 (1758, 4990)	1768 (1774, 5982)	1795 (1796, 3007)
1742 (1758, 5017)	1769 (1775, 2143)	1796 (1796, 7000)
1743 (1761, 214)	1770 (1775, 7864)	1797 (1798, 1503)
1744 (1761, 9793)	1771 (1776, 2991)	1798 (1798, 8504)
1745 (1762, 313)	1772 (1776, 7016)	1799 (1805, 462)
1746 (1762, 9694)	1773 (1781, 2167)	1800 (1805, 9545)
1747 (1763, 103)	1774 (1781, 7840)	1801 (1806, 3810)
1748 (1763, 9904)	1775 (1782, 1769)	1802 (1806, 6197)
1749 (1765, 3417)	1776 (1782, 8238)	1803 (1807, 4571)
1750 (1765, 6590)	1777 (1783, 4340)	1804 (1807, 5436)
1751 (1766, 1419)	1778 (1783, 5667)	1805 (1809, 1712)
1752 (1766, 8588)	1779 (1784, 2214)	1806 (1809, 8295)

1807 (1811, 4173)	1834 (1835, 9480)	1861 (1862, 1739)
1808 (1811, 5834)	1835 (1841, 827)	1862 (1862, 8268)
1809 (1812, 1718)	1836 (1841, 9180)	1863 (1865, 2445)
1810 (1812, 8289)	1837 (1843, 444)	1864 (1865, 7562)
1811 (1813, 639)	1838 (1843, 9563)	1865 (1870, 3855)
1812 (1813, 9368)	1839 (1844, 4153)	1866 (1870, 6152)
1813 (1820, 391)	1840 (1844, 5854)	1867 (1873, 481)
1814 (1820, 9616)	1841 (1846, 822)	1868 (1873, 9526)
1815 (1821, 4328)	1842 (1846, 9185)	1869 (1874, 62)
1816 (1821, 5679)	1843 (1848, 1955)	1870 (1874, 9945)
1817 (1822, 840)	1844 (1848, 8052)	1871 (1878, 4713)
1818 (1822, 9167)	1845 (1849, 3912)	1872 (1878, 5294)
1819 (1823, 4991)	1846 (1849, 6095)	1873 (1879, 3729)
1820 (1823, 5016)	1847 (1850, 1581)	1874 (1879, 6278)
1821 (1824, 756)	1848 (1850, 8426)	1875 (1882, 245)
1822 (1824, 9251)	1849 (1851, 1899)	1876 (1882, 9762)
1823 (1826, 2077)	1850 (1851, 8108)	1877 (1883, 63)
1824 (1826, 7930)	1851 (1852, 1607)	1878 (1883, 9944)
1825 (1827, 2199)	1852 (1852, 8400)	1879 (1884, 3531)
1826 (1827, 7808)	1853 (1855, 2652)	1880 (1884, 6476)
1827 (1829, 865)	1854 (1855, 7355)	1881 (1885, 2343)
1828 (1829, 9142)	1855 (1856, 1890)	1882 (1885, 7664)
1829 (1831, 3060)	1856 (1856, 8117)	1883 (1887, 1617)
1830 (1831, 6947)	1857 (1857, 335)	1884 (1887, 8390)
1831 (1833, 1662)	1858 (1857, 9672)	1885 (1888, 1989)
1832 (1833, 8345)	1859 (1861, 717)	1886 (1888, 8018)
1833 (1835, 527)	1860 (1861, 9290)	1887 (1889, 711)

1888 (1889, 9296)	1915 (1915, 2102)	1942 (1940, 6046)
1889 (1890, 3070)	1916 (1915, 7905)	1943 (1943, 412)
1890 (1890, 6937)	1917 (1916, 3273)	1944 (1943, 9595)
1891 (1892, 528)	1918 (1916, 6734)	1945 (1947, 4589)
1892 (1892, 9479)	1919 (1922, 4316)	1946 (1947, 5418)
1893 (1893, 1574)	1920 (1922, 5691)	1947 (1948, 561)
1894 (1893, 8433)	1921 (1923, 875)	1948 (1948, 9446)
1895 (1894, 1771)	1922 (1923, 9132)	1949 (1949, 2326)
1896 (1894, 8236)	1923 (1924, 1385)	1950 (1949, 7681)
1897 (1895, 3434)	1924 (1924, 8622)	1951 (1951, 3169)
1898 (1895, 6573)	1925 (1925, 3114)	1952 (1951, 6838)
1899 (1896, 368)	1926 (1925, 6893)	1953 (1952, 4687)
1900 (1896, 9639)	1927 (1926, 2156)	1954 (1952, 5320)
1901 (1898, 4740)	1928 (1926, 7851)	1955 (1953, 4249)
1902 (1898, 5267)	1929 (1928, 721)	1956 (1953, 5758)
1903 (1900, 674)	1930 (1928, 9286)	1957 (1955, 1239)
1904 (1900, 9333)	1931 (1929, 3075)	1958 (1955, 8768)
1905 (1901, 3554)	1932 (1929, 6932)	1959 (1956, 3322)
1906 (1901, 6453)	1933 (1933, 230)	1960 (1956, 6685)
1907 (1902, 2533)	1934 (1933, 9777)	1961 (1957, 3079)
1908 (1902, 7474)	1935 (1934, 1665)	1962 (1957, 6928)
1909 (1905, 2838)	1936 (1934, 8342)	1963 (1958, 2359)
1910 (1905, 7169)	1937 (1935, 2136)	1964 (1958, 7648)
1911 (1906, 3239)	1938 (1935, 7871)	1965 (1960, 3435)
1912 (1906, 6768)	1939 (1939, 4304)	1966 (1960, 6572)
1913 (1909, 3325)	1940 (1939, 5703)	1967 (1963, 1070)
1914 (1909, 6682)	1941 (1940, 3961)	1968 (1963, 8937)

1969 (1965, 319)	1996 (1994, 5513)	2023 (2013, 2649)
1970 (1965, 9688)	1997 (1995, 1466)	2024 (2013, 7358)
1971 (1966, 1589)	1998 (1995, 8541)	2025 (2015, 2372)
1972 (1966, 8418)	1999 (1996, 3191)	2026 (2015, 7635)
1973 (1967, 1252)	2000 (1996, 6816)	2027 (2017, 4093)
1974 (1967, 8755)	2001 (1998, 589)	2028 (2017, 5914)
1975 (1969, 1631)	2002 (1998, 9418)	2029 (2018, 3211)
1976 (1969, 8376)	2003 (2000, 2955)	2030 (2018, 6796)
1977 (1972, 1327)	2004 (2000, 7052)	2031 (2019, 279)
1978 (1972, 8680)	2005 (2001, 2144)	2032 (2019, 9728)
1979 (1973, 1654)	2006 (2001, 7863)	2033 (2021, 2262)
1980 (1973, 8353)	2007 (2002, 2905)	2034 (2021, 7745)
1981 (1974, 2996)	2008 (2002, 7102)	2035 (2025, 4335)
1982 (1974, 7011)	2009 (2003, 1894)	2036 (2025, 5672)
1983 (1977, 3364)	2010 (2003, 8113)	2037 (2028, 4971)
1984 (1977, 6643)	2011 (2004, 1863)	2038 (2028, 5036)
1985 (1980, 3145)	2012 (2004, 8144)	2039 (2029, 3597)
1986 (1980, 6862)	2013 (2005, 3907)	2040 (2029, 6410)
1987 (1982, 3048)	2014 (2005, 6100)	2041 (2030, 4934)
1988 (1982, 6959)	2015 (2006, 1163)	2042 (2030, 5073)
1989 (1986, 2289)	2016 (2006, 8844)	2043 (2031, 4933)
1990 (1986, 7718)	2017 (2007, 4525)	2044 (2031, 5074)
1991 (1987, 276)	2018 (2007, 5482)	2045 (2034, 2794)
1992 (1987, 9731)	2019 (2009, 4164)	2046 (2034, 7213)
1993 (1989, 364)	2020 (2009, 5843)	2047 (2036, 601)
1994 (1989, 9643)	2021 (2012, 1331)	2048 (2036, 9406)
1995 (1994, 4494)	2022 (2012, 8676)	2049 (2040, 1606)

2050 (2040, 8401)	2077 (2068, 3282)	2104 (2094, 8169)
2051 (2042, 4038)	2078 (2068, 6725)	2105 (2095, 4933)
2052 (2042, 5969)	2079 (2069, 33)	2106 (2095, 5074)
2053 (2043, 530)	2080 (2069, 9974)	2107 (2096, 4908)
2054 (2043, 9477)	2081 (2070, 1514)	2108 (2096, 5099)
2055 (2044, 2854)	2082 (2070, 8493)	2109 (2097, 2035)
2056 (2044, 7153)	2083 (2071, 4862)	2110 (2097, 7972)
2057 (2046, 4776)	2084 (2071, 5145)	2111 (2098, 3392)
2058 (2046, 5231)	2085 (2072, 4574)	2112 (2098, 6615)
2059 (2048, 3325)	2086 (2072, 5433)	2113 (2105, 4159)
2060 (2048, 6682)	2087 (2073, 60)	2114 (2105, 5848)
2061 (2053, 2983)	2088 (2073, 9947)	2115 (2109, 3922)
2062 (2053, 7024)	2089 (2075, 1696)	2116 (2109, 6085)
2063 (2055, 623)	2090 (2075, 8311)	2117 (2110, 249)
2064 (2055, 9384)	2091 (2079, 4950)	2118 (2110, 9758)
2065 (2057, 1290)	2092 (2079, 5057)	2119 (2115, 1599)
2066 (2057, 8717)	2093 (2080, 2348)	2120 (2115, 8408)
2067 (2058, 1259)	2094 (2080, 7659)	2121 (2117, 31)
2068 (2058, 8748)	2095 (2081, 2170)	2122 (2117, 9976)
2069 (2061, 2327)	2096 (2081, 7837)	2123 (2118, 2370)
2070 (2061, 7680)	2097 (2082, 1639)	2124 (2118, 7637)
2071 (2062, 3715)	2098 (2082, 8368)	2125 (2121, 3911)
2072 (2062, 6292)	2099 (2085, 2486)	2126 (2121, 6096)
2073 (2063, 1754)	2100 (2085, 7521)	2127 (2123, 4827)
2074 (2063, 8253)	2101 (2089, 597)	2128 (2123, 5180)
2075 (2066, 1868)	2102 (2089, 9410)	2129 (2125, 1478)
2076 (2066, 8139)	2103 (2094, 1838)	2130 (2125, 8529)

2131 (2127, 666)	2158 (2152, 6841)	2185 (2184, 2499)
2132 (2127, 9341)	2159 (2157, 2737)	2186 (2184, 7508)
2133 (2129, 4700)	2160 (2157, 7270)	2187 (2186, 1462)
2134 (2129, 5307)	2161 (2159, 1879)	2188 (2186, 8545)
2135 (2131, 1841)	2162 (2159, 8128)	2189 (2187, 1407)
2136 (2131, 8166)	2163 (2162, 2350)	2190 (2187, 8600)
2137 (2132, 1280)	2164 (2162, 7657)	2191 (2188, 3949)
2138 (2132, 8727)	2165 (2164, 317)	2192 (2188, 6058)
2139 (2133, 2976)	2166 (2164, 9690)	2193 (2189, 1222)
2140 (2133, 7031)	2167 (2165, 605)	2194 (2189, 8785)
2141 (2134, 4886)	2168 (2165, 9402)	2195 (2192, 311)
2142 (2134, 5121)	2169 (2166, 4196)	2196 (2192, 9696)
2143 (2136, 2184)	2170 (2166, 5811)	2197 (2193, 4057)
2144 (2136, 7823)	2171 (2170, 598)	2198 (2193, 5950)
2145 (2137, 4009)	2172 (2170, 9409)	2199 (2196, 3800)
2146 (2137, 5998)	2173 (2171, 1293)	2200 (2196, 6207)
2147 (2139, 4768)	2174 (2171, 8714)	2201 (2197, 1669)
2148 (2139, 5239)	2175 (2172, 817)	2202 (2197, 8338)
2149 (2142, 3396)	2176 (2172, 9190)	2203 (2198, 425)
2150 (2142, 6611)	2177 (2174, 197)	2204 (2198, 9582)
2151 (2147, 2122)	2178 (2174, 9810)	2205 (2199, 448)
2152 (2147, 7885)	2179 (2178, 2918)	2206 (2199, 9559)
2153 (2148, 3180)	2180 (2178, 7089)	2207 (2200, 1093)
2154 (2148, 6827)	2181 (2179, 2140)	2208 (2200, 8914)
2155 (2149, 4215)	2182 (2179, 7867)	2209 (2201, 4156)
2156 (2149, 5792)	2183 (2180, 2878)	2210 (2201, 5851)
2157 (2152, 3166)	2184 (2180, 7129)	2211 (2204, 3304)

2212 (2204, 6703)	2239 (2231, 1876)	2266 (2257, 6079)
2213 (2206, 1132)	2240 (2231, 8131)	2267 (2259, 1072)
2214 (2206, 8875)	2241 (2233, 4213)	2268 (2259, 8935)
2215 (2207, 1071)	2242 (2233, 5794)	2269 (2264, 2432)
2216 (2207, 8936)	2243 (2234, 1433)	2270 (2264, 7575)
2217 (2209, 859)	2244 (2234, 8574)	2271 (2268, 273)
2218 (2209, 9148)	2245 (2236, 1742)	2272 (2268, 9734)
2219 (2210, 4861)	2246 (2236, 8265)	2273 (2270, 3912)
2220 (2210, 5146)	2247 (2237, 4433)	2274 (2270, 6095)
2221 (2213, 1204)	2248 (2237, 5574)	2275 (2271, 2957)
2222 (2213, 8803)	2249 (2239, 528)	2276 (2271, 7050)
2223 (2214, 3892)	2250 (2239, 9479)	2277 (2272, 3857)
2224 (2214, 6115)	2251 (2241, 56)	2278 (2272, 6150)
2225 (2216, 2222)	2252 (2241, 9951)	2279 (2275, 1189)
2226 (2216, 7785)	2253 (2243, 1501)	2280 (2275, 8818)
2227 (2217, 3945)	2254 (2243, 8506)	2281 (2276, 2402)
2228 (2217, 6062)	2255 (2244, 2491)	2282 (2276, 7605)
2229 (2219, 3830)	2256 (2244, 7516)	2283 (2277, 1888)
2230 (2219, 6177)	2257 (2248, 1943)	2284 (2277, 8119)
2231 (2221, 3905)	2258 (2248, 8064)	2285 (2278, 149)
2232 (2221, 6102)	2259 (2249, 4406)	2286 (2278, 9858)
2233 (2224, 4008)	2260 (2249, 5601)	2287 (2279, 3577)
2234 (2224, 5999)	2261 (2251, 688)	2288 (2279, 6430)
2235 (2226, 1621)	2262 (2251, 9319)	2289 (2280, 681)
2236 (2226, 8386)	2263 (2254, 4511)	2290 (2280, 9326)
2237 (2228, 3643)	2264 (2254, 5496)	2291 (2281, 4654)
2238 (2228, 6364)	2265 (2257, 3928)	2292 (2281, 5353)

2293 (2283, 590)	2320 (2310, 6330)	2347 (2330, 2246)
2294 (2283, 9417)	2321 (2311, 2700)	2348 (2330, 7761)
2295 (2284, 557)	2322 (2311, 7307)	2349 (2332, 800)
2296 (2284, 9450)	2323 (2312, 2118)	2350 (2332, 9207)
2297 (2286, 74)	2324 (2312, 7889)	2351 (2333, 4918)
2298 (2286, 9933)	2325 (2314, 142)	2352 (2333, 5089)
2299 (2290, 3994)	2326 (2314, 9865)	2353 (2334, 897)
2300 (2290, 6013)	2327 (2315, 2925)	2354 (2334, 9110)
2301 (2292, 511)	2328 (2315, 7082)	2355 (2338, 2201)
2302 (2292, 9496)	2329 (2318, 1301)	2356 (2338, 7806)
2303 (2294, 4037)	2330 (2318, 8706)	2357 (2343, 4474)
2304 (2294, 5970)	2331 (2319, 2768)	2358 (2343, 5533)
2305 (2295, 748)	2332 (2319, 7239)	2359 (2345, 3247)
2306 (2295, 9259)	2333 (2321, 1887)	2360 (2345, 6760)
2307 (2296, 3296)	2334 (2321, 8120)	2361 (2347, 4854)
2308 (2296, 6711)	2335 (2322, 1134)	2362 (2347, 5153)
2309 (2299, 1955)	2336 (2322, 8873)	2363 (2349, 18)
2310 (2299, 8052)	2337 (2323, 4273)	2364 (2349, 9989)
2311 (2303, 1312)	2338 (2323, 5734)	2365 (2351, 1440)
2312 (2303, 8695)	2339 (2325, 4015)	2366 (2351, 8567)
2313 (2305, 4251)	2340 (2325, 5992)	2367 (2352, 3168)
2314 (2305, 5756)	2341 (2326, 460)	2368 (2352, 6839)
2315 (2306, 4437)	2342 (2326, 9547)	2369 (2354, 2022)
2316 (2306, 5570)	2343 (2327, 4036)	2370 (2354, 7985)
2317 (2308, 803)	2344 (2327, 5971)	2371 (2356, 824)
2318 (2308, 9204)	2345 (2329, 3750)	2372 (2356, 9183)
2319 (2310, 3677)	2346 (2329, 6257)	2373 (2358, 631)

2374 (2358, 9376)	2401 (2388, 776)	2428 (2409, 7709)
2375 (2359, 595)	2402 (2388, 9231)	2429 (2411, 3787)
2376 (2359, 9412)	2403 (2390, 2235)	2430 (2411, 6220)
2377 (2364, 407)	2404 (2390, 7772)	2431 (2414, 443)
2378 (2364, 9600)	2405 (2391, 3564)	2432 (2414, 9564)
2379 (2365, 1967)	2406 (2391, 6443)	2433 (2417, 3342)
2380 (2365, 8040)	2407 (2393, 3555)	2434 (2417, 6665)
2381 (2370, 827)	2408 (2393, 6452)	2435 (2418, 1197)
2382 (2370, 9180)	2409 (2396, 3609)	2436 (2418, 8810)
2383 (2371, 2129)	2410 (2396, 6398)	2437 (2420, 4322)
2384 (2371, 7878)	2411 (2398, 2102)	2438 (2420, 5685)
2385 (2373, 338)	2412 (2398, 7905)	2439 (2421, 1154)
2386 (2373, 9669)	2413 (2399, 4404)	2440 (2421, 8853)
2387 (2374, 1369)	2414 (2399, 5603)	2441 (2422, 4920)
2388 (2374, 8638)	2415 (2402, 1868)	2442 (2422, 5087)
2389 (2375, 3609)	2416 (2402, 8139)	2443 (2423, 4803)
2390 (2375, 6398)	2417 (2403, 3098)	2444 (2423, 5204)
2391 (2379, 3541)	2418 (2403, 6909)	2445 (2425, 2547)
2392 (2379, 6466)	2419 (2404, 3792)	2446 (2425, 7460)
2393 (2380, 2240)	2420 (2404, 6215)	2447 (2426, 721)
2394 (2380, 7767)	2421 (2405, 44)	2448 (2426, 9286)
2395 (2381, 4325)	2422 (2405, 9963)	2449 (2428, 3241)
2396 (2381, 5682)	2423 (2406, 3615)	2450 (2428, 6766)
2397 (2384, 306)	2424 (2406, 6392)	2451 (2429, 1652)
2398 (2384, 9701)	2425 (2407, 1209)	2452 (2429, 8355)
2399 (2387, 57)	2426 (2407, 8798)	2453 (2432, 2575)
2400 (2387, 9950)	2427 (2409, 2298)	2454 (2432, 7432)

2455 (2433, 1125)	2482 (2465, 5642)	2509 (2494, 3600)
2456 (2433, 8882)	2483 (2467, 2842)	2510 (2494, 6407)
2457 (2434, 4238)	2484 (2467, 7165)	2511 (2495, 4949)
2458 (2434, 5769)	2485 (2469, 1560)	2512 (2495, 5058)
2459 (2435, 2482)	2486 (2469, 8447)	2513 (2496, 2809)
2460 (2435, 7525)	2487 (2470, 4247)	2514 (2496, 7198)
2461 (2439, 1373)	2488 (2470, 5760)	2515 (2498, 3569)
2462 (2439, 8634)	2489 (2477, 4252)	2516 (2498, 6438)
2463 (2443, 4280)	2490 (2477, 5755)	2517 (2499, 451)
2464 (2443, 5727)	2491 (2478, 4711)	2518 (2499, 9556)
2465 (2444, 4853)	2492 (2478, 5296)	2519 (2502, 1252)
2466 (2444, 5154)	2493 (2480, 495)	2520 (2502, 8755)
2467 (2446, 3896)	2494 (2480, 9512)	2521 (2503, 2776)
2468 (2446, 6111)	2495 (2481, 1467)	2522 (2503, 7231)
2469 (2450, 3767)	2496 (2481, 8540)	2523 (2504, 1105)
2470 (2450, 6240)	2497 (2484, 84)	2524 (2504, 8902)
2471 (2451, 2075)	2498 (2484, 9923)	2525 (2507, 4175)
2472 (2451, 7932)	2499 (2485, 4429)	2526 (2507, 5832)
2473 (2453, 1853)	2500 (2485, 5578)	2527 (2508, 546)
2474 (2453, 8154)	2501 (2486, 4197)	2528 (2508, 9461)
2475 (2457, 4113)	2502 (2486, 5810)	2529 (2509, 2338)
2476 (2457, 5894)	2503 (2487, 1643)	2530 (2509, 7669)
2477 (2459, 3260)	2504 (2487, 8364)	2531 (2510, 4242)
2478 (2459, 6747)	2505 (2488, 2020)	2532 (2510, 5765)
2479 (2461, 3236)	2506 (2488, 7987)	2533 (2511, 3515)
2480 (2461, 6771)	2507 (2489, 2372)	2534 (2511, 6492)
2481 (2465, 4365)	2508 (2489, 7635)	2535 (2512, 3264)

2536 (2512, 6743)	2563 (2542, 3446)	2590 (2560, 7300)
2537 (2513, 247)	2564 (2542, 6561)	2591 (2565, 3289)
2538 (2513, 9760)	2565 (2543, 804)	2592 (2565, 6718)
2539 (2518, 1647)	2566 (2543, 9203)	2593 (2566, 2903)
2540 (2518, 8360)	2567 (2544, 4724)	2594 (2566, 7104)
2541 (2519, 2737)	2568 (2544, 5283)	2595 (2569, 692)
2542 (2519, 7270)	2569 (2545, 3413)	2596 (2569, 9315)
2543 (2521, 41)	2570 (2545, 6594)	2597 (2570, 2424)
2544 (2521, 9966)	2571 (2546, 1143)	2598 (2570, 7583)
2545 (2523, 3768)	2572 (2546, 8864)	2599 (2571, 2434)
2546 (2523, 6239)	2573 (2547, 3405)	2600 (2571, 7573)
2547 (2526, 2379)	2574 (2547, 6602)	2601 (2573, 4971)
2548 (2526, 7628)	2575 (2548, 3357)	2602 (2573, 5036)
2549 (2527, 492)	2576 (2548, 6650)	2603 (2576, 946)
2550 (2527, 9515)	2577 (2549, 2545)	2604 (2576, 9061)
2551 (2528, 451)	2578 (2549, 7462)	2605 (2577, 2571)
2552 (2528, 9556)	2579 (2550, 4187)	2606 (2577, 7436)
2553 (2529, 4872)	2580 (2550, 5820)	2607 (2578, 205)
2554 (2529, 5135)	2581 (2552, 487)	2608 (2578, 9802)
2555 (2533, 240)	2582 (2552, 9520)	2609 (2580, 1262)
2556 (2533, 9767)	2583 (2556, 811)	2610 (2580, 8745)
2557 (2534, 2840)	2584 (2556, 9196)	2611 (2582, 4738)
2558 (2534, 7167)	2585 (2557, 3731)	2612 (2582, 5269)
2559 (2539, 4537)	2586 (2557, 6276)	2613 (2583, 1783)
2560 (2539, 5470)	2587 (2558, 1418)	2614 (2583, 8224)
2561 (2541, 4044)	2588 (2558, 8589)	2615 (2584, 420)
2562 (2541, 5963)	2589 (2560, 2707)	2616 (2584, 9587)

2617 (2585, 1320)	2644 (2608, 9099)	2671 (2633, 3543)
2618 (2585, 8687)	2645 (2610, 2663)	2672 (2633, 6464)
2619 (2586, 1704)	2646 (2610, 7344)	2673 (2634, 1740)
2620 (2586, 8303)	2647 (2611, 4452)	2674 (2634, 8267)
2621 (2589, 4587)	2648 (2611, 5555)	2675 (2640, 2516)
2622 (2589, 5420)	2649 (2615, 1282)	2676 (2640, 7491)
2623 (2590, 1334)	2650 (2615, 8725)	2677 (2642, 496)
2624 (2590, 8673)	2651 (2617, 4247)	2678 (2642, 9511)
2625 (2592, 500)	2652 (2617, 5760)	2679 (2643, 648)
2626 (2592, 9507)	2653 (2619, 1044)	2680 (2643, 9359)
2627 (2596, 2157)	2654 (2619, 8963)	2681 (2645, 3320)
2628 (2596, 7850)	2655 (2621, 4164)	2682 (2645, 6687)
2629 (2597, 4913)	2656 (2621, 5843)	2683 (2646, 2482)
2630 (2597, 5094)	2657 (2623, 2216)	2684 (2646, 7525)
2631 (2598, 2020)	2658 (2623, 7791)	2685 (2647, 4900)
2632 (2598, 7987)	2659 (2624, 2863)	2686 (2647, 5107)
2633 (2601, 1981)	2660 (2624, 7144)	2687 (2650, 3946)
2634 (2601, 8026)	2661 (2625, 3072)	2688 (2650, 6061)
2635 (2603, 2500)	2662 (2625, 6935)	2689 (2652, 4026)
2636 (2603, 7507)	2663 (2628, 1485)	2690 (2652, 5981)
2637 (2605, 1083)	2664 (2628, 8522)	2691 (2653, 2875)
2638 (2605, 8924)	2665 (2629, 2748)	2692 (2653, 7132)
2639 (2606, 1678)	2666 (2629, 7259)	2693 (2657, 1200)
2640 (2606, 8329)	2667 (2631, 3648)	2694 (2657, 8807)
2641 (2607, 3829)	2668 (2631, 6359)	2695 (2662, 4067)
2642 (2607, 6178)	2669 (2632, 1296)	2696 (2662, 5940)
2643 (2608, 908)	2670 (2632, 8711)	2697 (2665, 2718)

2698 (2665, 7289)	2725 (2694, 4792)	2752 (2727, 5603)
2699 (2669, 4026)	2726 (2694, 5215)	2753 (2731, 4163)
2700 (2669, 5981)	2727 (2695, 251)	2754 (2731, 5844)
2701 (2670, 4388)	2728 (2695, 9756)	2755 (2732, 973)
2702 (2670, 5619)	2729 (2698, 4792)	2756 (2732, 9034)
2703 (2672, 3515)	2730 (2698, 5215)	2757 (2734, 4243)
2704 (2672, 6492)	2731 (2703, 2006)	2758 (2734, 5764)
2705 (2673, 3878)	2732 (2703, 8001)	2759 (2735, 4375)
2706 (2673, 6129)	2733 (2705, 3474)	2760 (2735, 5632)
2707 (2677, 4345)	2734 (2705, 6533)	2761 (2739, 1758)
2708 (2677, 5662)	2735 (2706, 3208)	2762 (2739, 8249)
2709 (2678, 1697)	2736 (2706, 6799)	2763 (2741, 4044)
2710 (2678, 8310)	2737 (2707, 4295)	2764 (2741, 5963)
2711 (2679, 1381)	2738 (2707, 5712)	2765 (2743, 320)
2712 (2679, 8626)	2739 (2710, 2469)	2766 (2743, 9687)
2713 (2684, 3060)	2740 (2710, 7538)	2767 (2748, 3851)
2714 (2684, 6947)	2741 (2712, 4321)	2768 (2748, 6156)
2715 (2686, 335)	2742 (2712, 5686)	2769 (2749, 614)
2716 (2686, 9672)	2743 (2717, 2873)	2770 (2749, 9393)
2717 (2688, 178)	2744 (2717, 7134)	2771 (2752, 2786)
2718 (2688, 9829)	2745 (2718, 2047)	2772 (2752, 7221)
2719 (2691, 792)	2746 (2718, 7960)	2773 (2753, 4105)
2720 (2691, 9215)	2747 (2721, 3217)	2774 (2753, 5902)
2721 (2692, 4281)	2748 (2721, 6790)	2775 (2754, 3160)
2722 (2692, 5726)	2749 (2722, 1763)	2776 (2754, 6847)
2723 (2693, 3091)	2750 (2722, 8244)	2777 (2756, 733)
2724 (2693, 6916)	2751 (2727, 4404)	2778 (2756, 9274)

2779 (2757, 2644)	2806 (2780, 8659)	2833 (2806, 1040)
2780 (2757, 7363)	2807 (2781, 1528)	2834 (2806, 8967)
2781 (2759, 3211)	2808 (2781, 8479)	2835 (2809, 2996)
2782 (2759, 6796)	2809 (2783, 3740)	2836 (2809, 7011)
2783 (2760, 3561)	2810 (2783, 6267)	2837 (2811, 3262)
2784 (2760, 6446)	2811 (2785, 1233)	2838 (2811, 6745)
2785 (2762, 670)	2812 (2785, 8774)	2839 (2812, 520)
2786 (2762, 9337)	2813 (2787, 1503)	2840 (2812, 9487)
2787 (2764, 2357)	2814 (2787, 8504)	2841 (2814, 4007)
2788 (2764, 7650)	2815 (2789, 1508)	2842 (2814, 6000)
2789 (2765, 3108)	2816 (2789, 8499)	2843 (2816, 733)
2790 (2765, 6899)	2817 (2790, 2599)	2844 (2816, 9274)
2791 (2768, 4681)	2818 (2790, 7408)	2845 (2818, 4530)
2792 (2768, 5326)	2819 (2792, 74)	2846 (2818, 5477)
2793 (2770, 3029)	2820 (2792, 9933)	2847 (2819, 3360)
2794 (2770, 6978)	2821 (2793, 3100)	2848 (2819, 6647)
2795 (2771, 1619)	2822 (2793, 6907)	2849 (2820, 3010)
2796 (2771, 8388)	2823 (2796, 760)	2850 (2820, 6997)
2797 (2772, 3996)	2824 (2796, 9247)	2851 (2824, 2479)
2798 (2772, 6011)	2825 (2798, 1515)	2852 (2824, 7528)
2799 (2773, 3829)	2826 (2798, 8492)	2853 (2825, 2417)
2800 (2773, 6178)	2827 (2801, 1393)	2854 (2825, 7590)
2801 (2774, 4760)	2828 (2801, 8614)	2855 (2827, 1826)
2802 (2774, 5247)	2829 (2804, 2802)	2856 (2827, 8181)
2803 (2777, 494)	2830 (2804, 7205)	2857 (2829, 3137)
2804 (2777, 9513)	2831 (2805, 3453)	2858 (2829, 6870)
2805 (2780, 1348)	2832 (2805, 6554)	2859 (2830, 2163)

2860 (2830, 7844)	2887 (2860, 4956)	2914 (2880, 9554)
2861 (2831, 2557)	2888 (2860, 5051)	2915 (2882, 481)
2862 (2831, 7450)	2889 (2861, 2229)	2916 (2882, 9526)
2863 (2837, 3941)	2890 (2861, 7778)	2917 (2883, 4040)
2864 (2837, 6066)	2891 (2862, 3863)	2918 (2883, 5967)
2865 (2838, 4622)	2892 (2862, 6144)	2919 (2887, 591)
2866 (2838, 5385)	2893 (2863, 823)	2920 (2887, 9416)
2867 (2839, 2978)	2894 (2863, 9184)	2921 (2889, 1649)
2868 (2839, 7029)	2895 (2864, 3961)	2922 (2889, 8358)
2869 (2841, 3203)	2896 (2864, 6046)	2923 (2891, 3925)
2870 (2841, 6804)	2897 (2865, 2544)	2924 (2891, 6082)
2871 (2842, 3078)	2898 (2865, 7463)	2925 (2896, 3596)
2872 (2842, 6929)	2899 (2869, 3097)	2926 (2896, 6411)
2873 (2844, 866)	2900 (2869, 6910)	2927 (2898, 2167)
2874 (2844, 9141)	2901 (2872, 3618)	2928 (2898, 7840)
2875 (2846, 2239)	2902 (2872, 6389)	2929 (2902, 377)
2876 (2846, 7768)	2903 (2873, 2583)	2930 (2902, 9630)
2877 (2850, 962)	2904 (2873, 7424)	2931 (2903, 1755)
2878 (2850, 9045)	2905 (2874, 3464)	2932 (2903, 8252)
2879 (2851, 4215)	2906 (2874, 6543)	2933 (2906, 872)
2880 (2851, 5792)	2907 (2877, 993)	2934 (2906, 9135)
2881 (2855, 2515)	2908 (2877, 9014)	2935 (2908, 1789)
2882 (2855, 7492)	2909 (2878, 1122)	2936 (2908, 8218)
2883 (2857, 3656)	2910 (2878, 8885)	2937 (2909, 4450)
2884 (2857, 6351)	2911 (2879, 2454)	2938 (2909, 5557)
2885 (2859, 2082)	2912 (2879, 7553)	2939 (2910, 191)
2886 (2859, 7925)	2913 (2880, 453)	2940 (2910, 9816)

2941 (2912, 2332)	2968 (2928, 9879)	2995 (2954, 4678)
2942 (2912, 7675)	2969 (2929, 1178)	2996 (2954, 5329)
2943 (2913, 3567)	2970 (2929, 8829)	2997 (2955, 2836)
2944 (2913, 6440)	2971 (2933, 1022)	2998 (2955, 7171)
2945 (2914, 856)	2972 (2933, 8985)	2999 (2956, 2282)
2946 (2914, 9151)	2973 (2936, 912)	3000 (2956, 7725)
2947 (2915, 1990)	2974 (2936, 9095)	3001 (2957, 2614)
2948 (2915, 8017)	2975 (2937, 2541)	3002 (2957, 7393)
2949 (2916, 2901)	2976 (2937, 7466)	3003 (2958, 3579)
2950 (2916, 7106)	2977 (2938, 2155)	3004 (2958, 6428)
2951 (2918, 3128)	2978 (2938, 7852)	3005 (2959, 9)
2952 (2918, 6879)	2979 (2939, 466)	3006 (2959, 9998)
2953 (2919, 4903)	2980 (2939, 9541)	3007 (2962, 2095)
2954 (2919, 5104)	2981 (2941, 3863)	3008 (2962, 7912)
2955 (2920, 4683)	2982 (2941, 6144)	3009 (2964, 73)
2956 (2920, 5324)	2983 (2942, 107)	3010 (2964, 9934)
2957 (2921, 822)	2984 (2942, 9900)	3011 (2967, 3630)
2958 (2921, 9185)	2985 (2943, 607)	3012 (2967, 6377)
2959 (2922, 4603)	2986 (2943, 9400)	3013 (2970, 4270)
2960 (2922, 5404)	2987 (2946, 4825)	3014 (2970, 5737)
2961 (2923, 3346)	2988 (2946, 5182)	3015 (2974, 3295)
2962 (2923, 6661)	2989 (2948, 563)	3016 (2974, 6712)
2963 (2924, 813)	2990 (2948, 9444)	3017 (2976, 4944)
2964 (2924, 9194)	2991 (2951, 4622)	3018 (2976, 5063)
2965 (2926, 2086)	2992 (2951, 5385)	3019 (2977, 2982)
2966 (2926, 7921)	2993 (2952, 4086)	3020 (2977, 7025)
2967 (2928, 128)	2994 (2952, 5921)	3021 (2986, 1316)

3022 (2986, 8691)	3049 (3014, 4934)	3076 (3044, 9036)
3023 (2987, 2018)	3050 (3014, 5073)	3077 (3045, 1020)
3024 (2987, 7989)	3051 (3015, 3524)	3078 (3045, 8987)
3025 (2989, 3677)	3052 (3015, 6483)	3079 (3046, 3270)
3026 (2989, 6330)	3053 (3016, 23)	3080 (3046, 6737)
3027 (2991, 4718)	3054 (3016, 9984)	3081 (3047, 866)
3028 (2991, 5289)	3055 (3018, 1972)	3082 (3047, 9141)
3029 (2993, 3521)	3056 (3018, 8035)	3083 (3048, 1021)
3030 (2993, 6486)	3057 (3019, 3435)	3084 (3048, 8986)
3031 (2994, 1155)	3058 (3019, 6572)	3085 (3050, 939)
3032 (2994, 8852)	3059 (3020, 3463)	3086 (3050, 9068)
3033 (2997, 1202)	3060 (3020, 6544)	3087 (3052, 4154)
3034 (2997, 8805)	3061 (3023, 634)	3088 (3052, 5853)
3035 (2998, 2840)	3062 (3023, 9373)	3089 (3053, 1822)
3036 (2998, 7167)	3063 (3024, 131)	3090 (3053, 8185)
3037 (2999, 2874)	3064 (3024, 9876)	3091 (3056, 220)
3038 (2999, 7133)	3065 (3028, 317)	3092 (3056, 9787)
3039 (3001, 1431)	3066 (3028, 9690)	3093 (3059, 1032)
3040 (3001, 8576)	3067 (3029, 3446)	3094 (3059, 8975)
3041 (3005, 2864)	3068 (3029, 6561)	3095 (3060, 2890)
3042 (3005, 7143)	3069 (3039, 4678)	3096 (3060, 7117)
3043 (3008, 2065)	3070 (3039, 5329)	3097 (3061, 4226)
3044 (3008, 7942)	3071 (3041, 2442)	3098 (3061, 5781)
3045 (3009, 4435)	3072 (3041, 7565)	3099 (3063, 3159)
3046 (3009, 5572)	3073 (3042, 228)	3100 (3063, 6848)
3047 (3011, 3352)	3074 (3042, 9779)	3101 (3064, 3004)
3048 (3011, 6655)	3075 (3044, 971)	3102 (3064, 7003)

3103 (3065, 334)	3130 (3086, 8918)	3157 (3124, 4408)
3104 (3065, 9673)	3131 (3087, 4700)	3158 (3124, 5599)
3105 (3067, 338)	3132 (3087, 5307)	3159 (3125, 908)
3106 (3067, 9669)	3133 (3088, 4395)	3160 (3125, 9099)
3107 (3068, 152)	3134 (3088, 5612)	3161 (3128, 3874)
3108 (3068, 9855)	3135 (3090, 2188)	3162 (3128, 6133)
3109 (3070, 746)	3136 (3090, 7819)	3163 (3133, 515)
3110 (3070, 9261)	3137 (3092, 4072)	3164 (3133, 9492)
3111 (3071, 4156)	3138 (3092, 5935)	3165 (3134, 3464)
3112 (3071, 5851)	3139 (3097, 2452)	3166 (3134, 6543)
3113 (3073, 1022)	3140 (3097, 7555)	3167 (3136, 4145)
3114 (3073, 8985)	3141 (3101, 351)	3168 (3136, 5862)
3115 (3074, 2308)	3142 (3101, 9656)	3169 (3137, 1563)
3116 (3074, 7699)	3143 (3105, 4733)	3170 (3137, 8444)
3117 (3075, 4457)	3144 (3105, 5274)	3171 (3140, 2301)
3118 (3075, 5550)	3145 (3108, 799)	3172 (3140, 7706)
3119 (3076, 165)	3146 (3108, 9208)	3173 (3144, 3646)
3120 (3076, 9842)	3147 (3109, 1763)	3174 (3144, 6361)
3121 (3080, 726)	3148 (3109, 8244)	3175 (3146, 4925)
3122 (3080, 9281)	3149 (3112, 585)	3176 (3146, 5082)
3123 (3082, 3707)	3150 (3112, 9422)	3177 (3150, 393)
3124 (3082, 6300)	3151 (3116, 2439)	3178 (3150, 9614)
3125 (3083, 2456)	3152 (3116, 7568)	3179 (3152, 4124)
3126 (3083, 7551)	3153 (3121, 3052)	3180 (3152, 5883)
3127 (3085, 1138)	3154 (3121, 6955)	3181 (3153, 4527)
3128 (3085, 8869)	3155 (3123, 1382)	3182 (3153, 5480)
3129 (3086, 1089)	3156 (3123, 8625)	3183 (3155, 4701)

3184 (3155, 5306)	3211 (3177, 3491)	3238 (3198, 9494)
3185 (3156, 3567)	3212 (3177, 6516)	3239 (3200, 1845)
3186 (3156, 6440)	3213 (3178, 130)	3240 (3200, 8162)
3187 (3157, 1235)	3214 (3178, 9877)	3241 (3201, 2566)
3188 (3157, 8772)	3215 (3179, 4577)	3242 (3201, 7441)
3189 (3158, 4991)	3216 (3179, 5430)	3243 (3202, 2464)
3190 (3158, 5016)	3217 (3181, 79)	3244 (3202, 7543)
3191 (3159, 4174)	3218 (3181, 9928)	3245 (3205, 452)
3192 (3159, 5833)	3219 (3183, 3329)	3246 (3205, 9555)
3193 (3161, 2993)	3220 (3183, 6678)	3247 (3208, 65)
3194 (3161, 7014)	3221 (3184, 1685)	3248 (3208, 9942)
3195 (3162, 4201)	3222 (3184, 8322)	3249 (3209, 1857)
3196 (3162, 5806)	3223 (3185, 4335)	3250 (3209, 8150)
3197 (3166, 4902)	3224 (3185, 5672)	3251 (3210, 3686)
3198 (3166, 5105)	3225 (3187, 3021)	3252 (3210, 6321)
3199 (3167, 1365)	3226 (3187, 6986)	3253 (3211, 4391)
3200 (3167, 8642)	3227 (3188, 3792)	3254 (3211, 5616)
3201 (3169, 691)	3228 (3188, 6215)	3255 (3214, 504)
3202 (3169, 9316)	3229 (3189, 1985)	3256 (3214, 9503)
3203 (3170, 2009)	3230 (3189, 8022)	3257 (3215, 3327)
3204 (3170, 7998)	3231 (3194, 3729)	3258 (3215, 6680)
3205 (3173, 2278)	3232 (3194, 6278)	3259 (3216, 3971)
3206 (3173, 7729)	3233 (3195, 359)	3260 (3216, 6036)
3207 (3175, 373)	3234 (3195, 9648)	3261 (3217, 4086)
3208 (3175, 9634)	3235 (3197, 2338)	3262 (3217, 5921)
3209 (3176, 1439)	3236 (3197, 7669)	3263 (3218, 1960)
3210 (3176, 8568)	3237 (3198, 513)	3264 (3218, 8047)

3265 (3219, 2092)	3292 (3242, 5156)	3319 (3264, 3621)
3266 (3219, 7915)	3293 (3244, 4324)	3320 (3264, 6386)
3267 (3221, 2688)	3294 (3244, 5683)	3321 (3265, 2246)
3268 (3221, 7319)	3295 (3247, 1195)	3322 (3265, 7761)
3269 (3224, 4124)	3296 (3247, 8812)	3323 (3266, 2333)
3270 (3224, 5883)	3297 (3250, 2066)	3324 (3266, 7674)
3271 (3226, 3456)	3298 (3250, 7941)	3325 (3267, 2864)
3272 (3226, 6551)	3299 (3251, 413)	3326 (3267, 7143)
3273 (3227, 543)	3300 (3251, 9594)	3327 (3268, 809)
3274 (3227, 9464)	3301 (3253, 1393)	3328 (3268, 9198)
3275 (3229, 584)	3302 (3253, 8614)	3329 (3271, 2590)
3276 (3229, 9423)	3303 (3254, 4065)	3330 (3271, 7417)
3277 (3230, 1170)	3304 (3254, 5942)	3331 (3272, 4487)
3278 (3230, 8837)	3305 (3256, 2086)	3332 (3272, 5520)
3279 (3231, 2975)	3306 (3256, 7921)	3333 (3274, 1375)
3280 (3231, 7032)	3307 (3257, 1035)	3334 (3274, 8632)
3281 (3232, 2701)	3308 (3257, 8972)	3335 (3276, 241)
3282 (3232, 7306)	3309 (3258, 4412)	3336 (3276, 9766)
3283 (3235, 2085)	3310 (3258, 5595)	3337 (3279, 1153)
3284 (3235, 7922)	3311 (3259, 997)	3338 (3279, 8854)
3285 (3236, 3091)	3312 (3259, 9010)	3339 (3280, 1078)
3286 (3236, 6916)	3313 (3260, 2366)	3340 (3280, 8929)
3287 (3239, 1458)	3314 (3260, 7641)	3341 (3281, 717)
3288 (3239, 8549)	3315 (3261, 2441)	3342 (3281, 9290)
3289 (3241, 382)	3316 (3261, 7566)	3343 (3283, 3933)
3290 (3241, 9625)	3317 (3262, 1138)	3344 (3283, 6074)
3291 (3242, 4851)	3318 (3262, 8869)	3345 (3285, 878)

3346 (3285, 9129)	3373 (3315, 1262)	3400 (3344, 5216)
3347 (3286, 35)	3374 (3315, 8745)	3401 (3346, 4007)
3348 (3286, 9972)	3375 (3320, 3954)	3402 (3346, 6000)
3349 (3287, 4907)	3376 (3320, 6053)	3403 (3350, 794)
3350 (3287, 5100)	3377 (3321, 2462)	3404 (3350, 9213)
3351 (3290, 2956)	3378 (3321, 7545)	3405 (3351, 3282)
3352 (3290, 7051)	3379 (3322, 302)	3406 (3351, 6725)
3353 (3292, 4263)	3380 (3322, 9705)	3407 (3352, 948)
3354 (3292, 5744)	3381 (3324, 4459)	3408 (3352, 9059)
3355 (3293, 2894)	3382 (3324, 5548)	3409 (3353, 4524)
3356 (3293, 7113)	3383 (3328, 57)	3410 (3353, 5483)
3357 (3295, 4400)	3384 (3328, 9950)	3411 (3361, 4917)
3358 (3295, 5607)	3385 (3332, 2311)	3412 (3361, 5090)
3359 (3297, 3132)	3386 (3332, 7696)	3413 (3362, 2012)
3360 (3297, 6875)	3387 (3335, 1276)	3414 (3362, 7995)
3361 (3298, 3763)	3388 (3335, 8731)	3415 (3367, 273)
3362 (3298, 6244)	3389 (3337, 3005)	3416 (3367, 9734)
3363 (3299, 1934)	3390 (3337, 7002)	3417 (3370, 2685)
3364 (3299, 8073)	3391 (3338, 4936)	3418 (3370, 7322)
3365 (3302, 1463)	3392 (3338, 5071)	3419 (3371, 4485)
3366 (3302, 8544)	3393 (3341, 1652)	3420 (3371, 5522)
3367 (3304, 1274)	3394 (3341, 8355)	3421 (3373, 4851)
3368 (3304, 8733)	3395 (3342, 2060)	3422 (3373, 5156)
3369 (3310, 3411)	3396 (3342, 7947)	3423 (3374, 4859)
3370 (3310, 6596)	3397 (3343, 3145)	3424 (3374, 5148)
3371 (3314, 1272)	3398 (3343, 6862)	3425 (3375, 2006)
3372 (3314, 8735)	3399 (3344, 4791)	3426 (3375, 8001)

3427 (3376, 2365)	3454 (3395, 5119)	3481 (3429, 4049)
3428 (3376, 7642)	3455 (3396, 3049)	3482 (3429, 5958)
3429 (3377, 1536)	3456 (3396, 6958)	3483 (3430, 3750)
3430 (3377, 8471)	3457 (3399, 3657)	3484 (3430, 6257)
3431 (3378, 2313)	3458 (3399, 6350)	3485 (3432, 4502)
3432 (3378, 7694)	3459 (3408, 2320)	3486 (3432, 5505)
3433 (3381, 1468)	3460 (3408, 7687)	3487 (3433, 2600)
3434 (3381, 8539)	3461 (3414, 202)	3488 (3433, 7407)
3435 (3382, 744)	3462 (3414, 9805)	3489 (3435, 510)
3436 (3382, 9263)	3463 (3415, 3940)	3490 (3435, 9497)
3437 (3383, 2588)	3464 (3415, 6067)	3491 (3436, 365)
3438 (3383, 7419)	3465 (3418, 986)	3492 (3436, 9642)
3439 (3386, 2800)	3466 (3418, 9021)	3493 (3437, 3623)
3440 (3386, 7207)	3467 (3419, 3270)	3494 (3437, 6384)
3441 (3388, 3656)	3468 (3419, 6737)	3495 (3438, 2048)
3442 (3388, 6351)	3469 (3421, 2317)	3496 (3438, 7959)
3443 (3389, 2040)	3470 (3421, 7690)	3497 (3442, 725)
3444 (3389, 7967)	3471 (3422, 3666)	3498 (3442, 9282)
3445 (3390, 1647)	3472 (3422, 6341)	3499 (3444, 2966)
3446 (3390, 8360)	3473 (3424, 4996)	3500 (3444, 7041)
3447 (3391, 611)	3474 (3424, 5011)	3501 (3445, 4389)
3448 (3391, 9396)	3475 (3426, 4519)	3502 (3445, 5618)
3449 (3392, 4851)	3476 (3426, 5488)	3503 (3446, 4320)
3450 (3392, 5156)	3477 (3427, 464)	3504 (3446, 5687)
3451 (3394, 2609)	3478 (3427, 9543)	3505 (3448, 3565)
3452 (3394, 7398)	3479 (3428, 3010)	3506 (3448, 6442)
3453 (3395, 4888)	3480 (3428, 6997)	3507 (3450, 1302)

3508 (3450, 8705)	3535 (3475, 2538)	3562 (3493, 7250)
3509 (3453, 3097)	3536 (3475, 7469)	3563 (3502, 2694)
3510 (3453, 6910)	3537 (3476, 386)	3564 (3502, 7313)
3511 (3454, 1175)	3538 (3476, 9621)	3565 (3506, 4752)
3512 (3454, 8832)	3539 (3477, 4722)	3566 (3506, 5255)
3513 (3455, 3602)	3540 (3477, 5285)	3567 (3516, 884)
3514 (3455, 6405)	3541 (3478, 368)	3568 (3516, 9123)
3515 (3458, 1723)	3542 (3478, 9639)	3569 (3520, 4829)
3516 (3458, 8284)	3543 (3479, 500)	3570 (3520, 5178)
3517 (3459, 1997)	3544 (3479, 9507)	3571 (3521, 2815)
3518 (3459, 8010)	3545 (3480, 72)	3572 (3521, 7192)
3519 (3461, 667)	3546 (3480, 9935)	3573 (3523, 1391)
3520 (3461, 9340)	3547 (3482, 4374)	3574 (3523, 8616)
3521 (3464, 2150)	3548 (3482, 5633)	3575 (3524, 4992)
3522 (3464, 7857)	3549 (3484, 4481)	3576 (3524, 5015)
3523 (3465, 4255)	3550 (3484, 5526)	3577 (3525, 3074)
3524 (3465, 5752)	3551 (3485, 4823)	3578 (3525, 6933)
3525 (3466, 3660)	3552 (3485, 5184)	3579 (3531, 3843)
3526 (3466, 6347)	3553 (3487, 4610)	3580 (3531, 6164)
3527 (3468, 1337)	3554 (3487, 5397)	3581 (3536, 3467)
3528 (3468, 8670)	3555 (3488, 3655)	3582 (3536, 6540)
3529 (3471, 3612)	3556 (3488, 6352)	3583 (3538, 1201)
3530 (3471, 6395)	3557 (3489, 2929)	3584 (3538, 8806)
3531 (3472, 369)	3558 (3489, 7078)	3585 (3541, 1344)
3532 (3472, 9638)	3559 (3490, 2631)	3586 (3541, 8663)
3533 (3473, 1624)	3560 (3490, 7376)	3587 (3542, 3270)
3534 (3473, 8383)	3561 (3493, 2757)	3588 (3542, 6737)

3589 (3543, 3924)	3616 (3566, 9266)	3643 (3591, 475)
3590 (3543, 6083)	3617 (3567, 1270)	3644 (3591, 9532)
3591 (3544, 4506)	3618 (3567, 8737)	3645 (3592, 1561)
3592 (3544, 5501)	3619 (3570, 4765)	3646 (3592, 8446)
3593 (3545, 405)	3620 (3570, 5242)	3647 (3596, 93)
3594 (3545, 9602)	3621 (3571, 4134)	3648 (3596, 9914)
3595 (3550, 1185)	3622 (3571, 5873)	3649 (3597, 355)
3596 (3550, 8822)	3623 (3573, 3514)	3650 (3597, 9652)
3597 (3555, 2304)	3624 (3573, 6493)	3651 (3598, 308)
3598 (3555, 7703)	3625 (3575, 1587)	3652 (3598, 9699)
3599 (3556, 1088)	3626 (3575, 8420)	3653 (3599, 2007)
3600 (3556, 8919)	3627 (3576, 4830)	3654 (3599, 8000)
3601 (3557, 2858)	3628 (3576, 5177)	3655 (3600, 2542)
3602 (3557, 7149)	3629 (3577, 3226)	3656 (3600, 7465)
3603 (3558, 4975)	3630 (3577, 6781)	3657 (3601, 2574)
3604 (3558, 5032)	3631 (3578, 92)	3658 (3601, 7433)
3605 (3559, 613)	3632 (3578, 9915)	3659 (3603, 4222)
3606 (3559, 9394)	3633 (3580, 332)	3660 (3603, 5785)
3607 (3561, 1551)	3634 (3580, 9675)	3661 (3604, 1834)
3608 (3561, 8456)	3635 (3583, 1485)	3662 (3604, 8173)
3609 (3563, 4748)	3636 (3583, 8522)	3663 (3605, 2001)
3610 (3563, 5259)	3637 (3584, 801)	3664 (3605, 8006)
3611 (3564, 4586)	3638 (3584, 9206)	3665 (3606, 1818)
3612 (3564, 5421)	3639 (3588, 4376)	3666 (3606, 8189)
3613 (3565, 487)	3640 (3588, 5631)	3667 (3607, 1028)
3614 (3565, 9520)	3641 (3589, 960)	3668 (3607, 8979)
3615 (3566, 741)	3642 (3589, 9047)	3669 (3611, 3365)

3670 (3611, 6642)	3697 (3640, 1901)	3724 (3665, 7328)
3671 (3612, 3645)	3698 (3640, 8106)	3725 (3666, 1579)
3672 (3612, 6362)	3699 (3642, 4470)	3726 (3666, 8428)
3673 (3617, 4231)	3700 (3642, 5537)	3727 (3668, 1438)
3674 (3617, 5776)	3701 (3643, 5003)	3728 (3668, 8569)
3675 (3618, 849)	3702 (3643, 5004)	3729 (3669, 1305)
3676 (3618, 9158)	3703 (3644, 3176)	3730 (3669, 8702)
3677 (3626, 2449)	3704 (3644, 6831)	3731 (3672, 1030)
3678 (3626, 7558)	3705 (3646, 1662)	3732 (3672, 8977)
3679 (3627, 1968)	3706 (3646, 8345)	3733 (3676, 1780)
3680 (3627, 8039)	3707 (3649, 1835)	3734 (3676, 8227)
3681 (3629, 1988)	3708 (3649, 8172)	3735 (3678, 1254)
3682 (3629, 8019)	3709 (3651, 674)	3736 (3678, 8753)
3683 (3631, 4124)	3710 (3651, 9333)	3737 (3679, 2916)
3684 (3631, 5883)	3711 (3652, 4042)	3738 (3679, 7091)
3685 (3633, 2721)	3712 (3652, 5965)	3739 (3685, 3097)
3686 (3633, 7286)	3713 (3654, 841)	3740 (3685, 6910)
3687 (3635, 4923)	3714 (3654, 9166)	3741 (3688, 1234)
3688 (3635, 5084)	3715 (3659, 4624)	3742 (3688, 8773)
3689 (3636, 3309)	3716 (3659, 5383)	3743 (3690, 1568)
3690 (3636, 6698)	3717 (3660, 1138)	3744 (3690, 8439)
3691 (3637, 4207)	3718 (3660, 8869)	3745 (3693, 3102)
3692 (3637, 5800)	3719 (3663, 2110)	3746 (3693, 6905)
3693 (3638, 4513)	3720 (3663, 7897)	3747 (3694, 3167)
3694 (3638, 5494)	3721 (3664, 474)	3748 (3694, 6840)
3695 (3639, 1733)	3722 (3664, 9533)	3749 (3695, 3369)
3696 (3639, 8274)	3723 (3665, 2679)	3750 (3695, 6638)

3751 (3701, 4777)	3778 (3726, 6182)	3805 (3757, 921)
3752 (3701, 5230)	3779 (3727, 618)	3806 (3757, 9086)
3753 (3702, 2899)	3780 (3727, 9389)	3807 (3759, 3010)
3754 (3702, 7108)	3781 (3728, 704)	3808 (3759, 6997)
3755 (3703, 3653)	3782 (3728, 9303)	3809 (3760, 2022)
3756 (3703, 6354)	3783 (3732, 1782)	3810 (3760, 7985)
3757 (3705, 1215)	3784 (3732, 8225)	3811 (3762, 3656)
3758 (3705, 8792)	3785 (3735, 2864)	3812 (3762, 6351)
3759 (3709, 1948)	3786 (3735, 7143)	3813 (3765, 115)
3760 (3709, 8059)	3787 (3738, 42)	3814 (3765, 9892)
3761 (3710, 441)	3788 (3738, 9965)	3815 (3766, 3886)
3762 (3710, 9566)	3789 (3740, 352)	3816 (3766, 6121)
3763 (3711, 3481)	3790 (3740, 9655)	3817 (3767, 361)
3764 (3711, 6526)	3791 (3741, 4789)	3818 (3767, 9646)
3765 (3712, 1873)	3792 (3741, 5218)	3819 (3768, 2075)
3766 (3712, 8134)	3793 (3742, 2818)	3820 (3768, 7932)
3767 (3714, 486)	3794 (3742, 7189)	3821 (3770, 2895)
3768 (3714, 9521)	3795 (3744, 4300)	3822 (3770, 7112)
3769 (3718, 514)	3796 (3744, 5707)	3823 (3772, 2806)
3770 (3718, 9493)	3797 (3750, 1683)	3824 (3772, 7201)
3771 (3720, 1909)	3798 (3750, 8324)	3825 (3776, 588)
3772 (3720, 8098)	3799 (3753, 2494)	3826 (3776, 9419)
3773 (3723, 2932)	3800 (3753, 7513)	3827 (3777, 3500)
3774 (3723, 7075)	3801 (3754, 808)	3828 (3777, 6507)
3775 (3724, 122)	3802 (3754, 9199)	3829 (3778, 1973)
3776 (3724, 9885)	3803 (3755, 2884)	3830 (3778, 8034)
3777 (3726, 3825)	3804 (3755, 7123)	3831 (3779, 901)

3832 (3779, 9106)	3859 (3809, 3723)	3886 (3835, 6673)
3833 (3780, 123)	3860 (3809, 6284)	3887 (3837, 1156)
3834 (3780, 9884)	3861 (3812, 330)	3888 (3837, 8851)
3835 (3786, 2364)	3862 (3812, 9677)	3889 (3838, 4086)
3836 (3786, 7643)	3863 (3815, 1917)	3890 (3838, 5921)
3837 (3788, 2075)	3864 (3815, 8090)	3891 (3841, 2076)
3838 (3788, 7932)	3865 (3817, 1159)	3892 (3841, 7931)
3839 (3792, 3936)	3866 (3817, 8848)	3893 (3845, 719)
3840 (3792, 6071)	3867 (3818, 2939)	3894 (3845, 9288)
3841 (3794, 2465)	3868 (3818, 7068)	3895 (3846, 1063)
3842 (3794, 7542)	3869 (3822, 677)	3896 (3846, 8944)
3843 (3795, 1469)	3870 (3822, 9330)	3897 (3847, 4007)
3844 (3795, 8538)	3871 (3825, 2086)	3898 (3847, 6000)
3845 (3796, 1485)	3872 (3825, 7921)	3899 (3848, 1120)
3846 (3796, 8522)	3873 (3827, 1766)	3900 (3848, 8887)
3847 (3800, 686)	3874 (3827, 8241)	3901 (3851, 2682)
3848 (3800, 9321)	3875 (3828, 2211)	3902 (3851, 7325)
3849 (3801, 4741)	3876 (3828, 7796)	3903 (3852, 263)
3850 (3801, 5266)	3877 (3830, 105)	3904 (3852, 9744)
3851 (3803, 1759)	3878 (3830, 9902)	3905 (3853, 2668)
3852 (3803, 8248)	3879 (3831, 830)	3906 (3853, 7339)
3853 (3804, 540)	3880 (3831, 9177)	3907 (3857, 1550)
3854 (3804, 9467)	3881 (3832, 2654)	3908 (3857, 8457)
3855 (3805, 3845)	3882 (3832, 7353)	3909 (3858, 944)
3856 (3805, 6162)	3883 (3834, 4128)	3910 (3858, 9063)
3857 (3807, 396)	3884 (3834, 5879)	3911 (3859, 523)
3858 (3807, 9611)	3885 (3835, 3334)	3912 (3859, 9484)

3913 (3860, 1000)	3940 (3879, 8045)	3967 (3902, 2666)
3914 (3860, 9007)	3941 (3880, 3485)	3968 (3902, 7341)
3915 (3861, 836)	3942 (3880, 6522)	3969 (3903, 632)
3916 (3861, 9171)	3943 (3881, 949)	3970 (3903, 9375)
3917 (3862, 3487)	3944 (3881, 9058)	3971 (3905, 541)
3918 (3862, 6520)	3945 (3882, 526)	3972 (3905, 9466)
3919 (3864, 3350)	3946 (3882, 9481)	3973 (3908, 4642)
3920 (3864, 6657)	3947 (3884, 299)	3974 (3908, 5365)
3921 (3866, 177)	3948 (3884, 9708)	3975 (3909, 4916)
3922 (3866, 9830)	3949 (3887, 1825)	3976 (3909, 5091)
3923 (3867, 97)	3950 (3887, 8182)	3977 (3911, 2672)
3924 (3867, 9910)	3951 (3890, 487)	3978 (3911, 7335)
3925 (3868, 2210)	3952 (3890, 9520)	3979 (3912, 2422)
3926 (3868, 7797)	3953 (3891, 3242)	3980 (3912, 7585)
3927 (3869, 3753)	3954 (3891, 6765)	3981 (3913, 4008)
3928 (3869, 6254)	3955 (3893, 2022)	3982 (3913, 5999)
3929 (3870, 4008)	3956 (3893, 7985)	3983 (3916, 597)
3930 (3870, 5999)	3957 (3894, 610)	3984 (3916, 9410)
3931 (3871, 1979)	3958 (3894, 9397)	3985 (3919, 104)
3932 (3871, 8028)	3959 (3895, 593)	3986 (3919, 9903)
3933 (3872, 3764)	3960 (3895, 9414)	3987 (3920, 4384)
3934 (3872, 6243)	3961 (3896, 3279)	3988 (3920, 5623)
3935 (3873, 3134)	3962 (3896, 6728)	3989 (3923, 3885)
3936 (3873, 6873)	3963 (3898, 480)	3990 (3923, 6122)
3937 (3876, 3408)	3964 (3898, 9527)	3991 (3924, 1815)
3938 (3876, 6599)	3965 (3901, 1874)	3992 (3924, 8192)
3939 (3879, 1962)	3966 (3901, 8133)	3993 (3925, 4893)

3994 (3925, 5114)	4021 (3947, 2257)	4048 (3965, 8319)
3995 (3926, 1604)	4022 (3947, 7750)	4049 (3966, 3382)
3996 (3926, 8403)	4023 (3948, 4772)	4050 (3966, 6625)
3997 (3929, 2006)	4024 (3948, 5235)	4051 (3967, 2358)
3998 (3929, 8001)	4025 (3949, 660)	4052 (3967, 7649)
3999 (3930, 2535)	4026 (3949, 9347)	4053 (3968, 4337)
4000 (3930, 7472)	4027 (3951, 2437)	4054 (3968, 5670)
4001 (3931, 2992)	4028 (3951, 7570)	4055 (3969, 1213)
4002 (3931, 7015)	4029 (3952, 3823)	4056 (3969, 8794)
4003 (3933, 4957)	4030 (3952, 6184)	4057 (3972, 1802)
4004 (3933, 5050)	4031 (3953, 1393)	4058 (3972, 8205)
4005 (3934, 1718)	4032 (3953, 8614)	4059 (3975, 703)
4006 (3934, 8289)	4033 (3954, 4793)	4060 (3975, 9304)
4007 (3936, 500)	4034 (3954, 5214)	4061 (3980, 2121)
4008 (3936, 9507)	4035 (3957, 2264)	4062 (3980, 7886)
4009 (3937, 2766)	4036 (3957, 7743)	4063 (3982, 3229)
4010 (3937, 7241)	4037 (3958, 1395)	4064 (3982, 6778)
4011 (3938, 3567)	4038 (3958, 8612)	4065 (3984, 4062)
4012 (3938, 6440)	4039 (3959, 601)	4066 (3984, 5945)
4013 (3939, 2015)	4040 (3959, 9406)	4067 (3985, 2753)
4014 (3939, 7992)	4041 (3960, 1141)	4068 (3985, 7254)
4015 (3944, 1519)	4042 (3960, 8866)	4069 (3986, 4981)
4016 (3944, 8488)	4043 (3962, 4721)	4070 (3986, 5026)
4017 (3945, 4312)	4044 (3962, 5286)	4071 (3987, 3785)
4018 (3945, 5695)	4045 (3963, 2144)	4072 (3987, 6222)
4019 (3946, 4710)	4046 (3963, 7863)	4073 (3988, 777)
4020 (3946, 5297)	4047 (3965, 1688)	4074 (3988, 9230)

4075 (3990, 2562)	4102 (4012, 9406)	4129 (4037, 13)
4076 (3990, 7445)	4103 (4013, 4816)	4130 (4037, 9994)
4077 (3992, 4495)	4104 (4013, 5191)	4131 (4039, 3183)
4078 (3992, 5512)	4105 (4014, 4678)	4132 (4039, 6824)
4079 (3993, 4140)	4106 (4014, 5329)	4133 (4040, 4275)
4080 (3993, 5867)	4107 (4015, 2046)	4134 (4040, 5732)
4081 (3995, 493)	4108 (4015, 7961)	4135 (4041, 3806)
4082 (3995, 9514)	4109 (4017, 2135)	4136 (4041, 6201)
4083 (3996, 3234)	4110 (4017, 7872)	4137 (4043, 2144)
4084 (3996, 6773)	4111 (4018, 789)	4138 (4043, 7863)
4085 (3998, 3507)	4112 (4018, 9218)	4139 (4044, 4841)
4086 (3998, 6500)	4113 (4019, 3460)	4140 (4044, 5166)
4087 (3999, 3464)	4114 (4019, 6547)	4141 (4045, 4926)
4088 (3999, 6543)	4115 (4022, 4204)	4142 (4045, 5081)
4089 (4001, 1022)	4116 (4022, 5803)	4143 (4046, 4643)
4090 (4001, 8985)	4117 (4023, 1300)	4144 (4046, 5364)
4091 (4002, 597)	4118 (4023, 8707)	4145 (4049, 2686)
4092 (4002, 9410)	4119 (4028, 2669)	4146 (4049, 7321)
4093 (4004, 3428)	4120 (4028, 7338)	4147 (4054, 4344)
4094 (4004, 6579)	4121 (4031, 2935)	4148 (4054, 5663)
4095 (4006, 1023)	4122 (4031, 7072)	4149 (4057, 1135)
4096 (4006, 8984)	4123 (4032, 2771)	4150 (4057, 8872)
4097 (4007, 4878)	4124 (4032, 7236)	4151 (4058, 3228)
4098 (4007, 5129)	4125 (4034, 1923)	4152 (4058, 6779)
4099 (4008, 4754)	4126 (4034, 8084)	4153 (4059, 1146)
4100 (4008, 5253)	4127 (4036, 2619)	4154 (4059, 8861)
4101 (4012, 601)	4128 (4036, 7388)	4155 (4060, 4101)

4156 (4060, 5906)	4183 (4096, 1644)	4210 (4116, 9141)
4157 (4064, 2218)	4184 (4096, 8363)	4211 (4120, 3820)
4158 (4064, 7789)	4185 (4098, 627)	4212 (4120, 6187)
4159 (4065, 3872)	4186 (4098, 9380)	4213 (4121, 3248)
4160 (4065, 6135)	4187 (4099, 1647)	4214 (4121, 6759)
4161 (4068, 4531)	4188 (4099, 8360)	4215 (4124, 3759)
4162 (4068, 5476)	4189 (4102, 2094)	4216 (4124, 6248)
4163 (4069, 345)	4190 (4102, 7913)	4217 (4125, 547)
4164 (4069, 9662)	4191 (4105, 2056)	4218 (4125, 9460)
4165 (4075, 3397)	4192 (4105, 7951)	4219 (4126, 112)
4166 (4075, 6610)	4193 (4106, 1198)	4220 (4126, 9895)
4167 (4076, 4821)	4194 (4106, 8809)	4221 (4128, 1051)
4168 (4076, 5186)	4195 (4107, 4507)	4222 (4128, 8956)
4169 (4077, 3509)	4196 (4107, 5500)	4223 (4130, 3476)
4170 (4077, 6498)	4197 (4108, 2390)	4224 (4130, 6531)
4171 (4078, 3091)	4198 (4108, 7617)	4225 (4131, 2016)
4172 (4078, 6916)	4199 (4109, 4906)	4226 (4131, 7991)
4173 (4079, 2345)	4200 (4109, 5101)	4227 (4134, 665)
4174 (4079, 7662)	4201 (4111, 2158)	4228 (4134, 9342)
4175 (4086, 3043)	4202 (4111, 7849)	4229 (4141, 1513)
4176 (4086, 6964)	4203 (4112, 1262)	4230 (4141, 8494)
4177 (4092, 4029)	4204 (4112, 8745)	4231 (4146, 2107)
4178 (4092, 5978)	4205 (4113, 155)	4232 (4146, 7900)
4179 (4093, 1176)	4206 (4113, 9852)	4233 (4147, 2660)
4180 (4093, 8831)	4207 (4114, 3220)	4234 (4147, 7347)
4181 (4095, 3261)	4208 (4114, 6787)	4235 (4152, 2674)
4182 (4095, 6746)	4209 (4116, 866)	4236 (4152, 7333)

4237 (4157, 559)	4264 (4182, 9498)	4291 (4204, 3863)
4238 (4157, 9448)	4265 (4183, 4039)	4292 (4204, 6144)
4239 (4158, 4660)	4266 (4183, 5968)	4293 (4210, 3133)
4240 (4158, 5347)	4267 (4184, 20)	4294 (4210, 6874)
4241 (4159, 987)	4268 (4184, 9987)	4295 (4211, 4239)
4242 (4159, 9020)	4269 (4185, 3092)	4296 (4211, 5768)
4243 (4163, 3853)	4270 (4185, 6915)	4297 (4212, 1411)
4244 (4163, 6154)	4271 (4186, 1595)	4298 (4212, 8596)
4245 (4165, 1399)	4272 (4186, 8412)	4299 (4213, 1345)
4246 (4165, 8608)	4273 (4187, 571)	4300 (4213, 8662)
4247 (4167, 2977)	4274 (4187, 9436)	4301 (4214, 521)
4248 (4167, 7030)	4275 (4191, 1698)	4302 (4214, 9486)
4249 (4168, 3790)	4276 (4191, 8309)	4303 (4215, 3)
4250 (4168, 6217)	4277 (4192, 4675)	4304 (4215, 10004)
4251 (4171, 2928)	4278 (4192, 5332)	4305 (4218, 4622)
4252 (4171, 7079)	4279 (4193, 68)	4306 (4218, 5385)
4253 (4173, 2829)	4280 (4193, 9939)	4307 (4220, 3734)
4254 (4173, 7178)	4281 (4196, 2232)	4308 (4220, 6273)
4255 (4175, 1703)	4282 (4196, 7775)	4309 (4223, 1945)
4256 (4175, 8304)	4283 (4199, 136)	4310 (4223, 8062)
4257 (4176, 1763)	4284 (4199, 9871)	4311 (4224, 4001)
4258 (4176, 8244)	4285 (4200, 1903)	4312 (4224, 6006)
4259 (4179, 2774)	4286 (4200, 8104)	4313 (4225, 2117)
4260 (4179, 7233)	4287 (4202, 3745)	4314 (4225, 7890)
4261 (4181, 3184)	4288 (4202, 6262)	4315 (4230, 132)
4262 (4181, 6823)	4289 (4203, 4430)	4316 (4230, 9875)
4263 (4182, 509)	4290 (4203, 5577)	4317 (4231, 3206)

4318 (4231, 6801)	4345 (4260, 1776)	4372 (4283, 7700)
4319 (4232, 1346)	4346 (4260, 8231)	4373 (4285, 2779)
4320 (4232, 8661)	4347 (4261, 1718)	4374 (4285, 7228)
4321 (4237, 1652)	4348 (4261, 8289)	4375 (4286, 2848)
4322 (4237, 8355)	4349 (4264, 2746)	4376 (4286, 7159)
4323 (4238, 3423)	4350 (4264, 7261)	4377 (4287, 3109)
4324 (4238, 6584)	4351 (4267, 3333)	4378 (4287, 6898)
4325 (4240, 4518)	4352 (4267, 6674)	4379 (4288, 1895)
4326 (4240, 5489)	4353 (4268, 3163)	4380 (4288, 8112)
4327 (4241, 1399)	4354 (4268, 6844)	4381 (4290, 4463)
4328 (4241, 8608)	4355 (4269, 728)	4382 (4290, 5544)
4329 (4244, 1629)	4356 (4269, 9279)	4383 (4292, 57)
4330 (4244, 8378)	4357 (4270, 4882)	4384 (4292, 9950)
4331 (4248, 3750)	4358 (4270, 5125)	4385 (4293, 3162)
4332 (4248, 6257)	4359 (4271, 2344)	4386 (4293, 6845)
4333 (4250, 30)	4360 (4271, 7663)	4387 (4296, 4661)
4334 (4250, 9977)	4361 (4273, 1851)	4388 (4296, 5346)
4335 (4253, 1564)	4362 (4273, 8156)	4389 (4297, 4144)
4336 (4253, 8443)	4363 (4274, 908)	4390 (4297, 5863)
4337 (4254, 1999)	4364 (4274, 9099)	4391 (4301, 2338)
4338 (4254, 8008)	4365 (4275, 2407)	4392 (4301, 7669)
4339 (4255, 2770)	4366 (4275, 7600)	4393 (4308, 2251)
4340 (4255, 7237)	4367 (4276, 4439)	4394 (4308, 7756)
4341 (4258, 4184)	4368 (4276, 5568)	4395 (4310, 1656)
4342 (4258, 5823)	4369 (4277, 1212)	4396 (4310, 8351)
4343 (4259, 2658)	4370 (4277, 8795)	4397 (4311, 3754)
4344 (4259, 7349)	4371 (4283, 2307)	4398 (4311, 6253)

4399 (4312, 4547)	4426 (4340, 9436)	4453 (4371, 4735)
4400 (4312, 5460)	4427 (4343, 2269)	4454 (4371, 5272)
4401 (4313, 1147)	4428 (4343, 7738)	4455 (4372, 273)
4402 (4313, 8860)	4429 (4347, 3253)	4456 (4372, 9734)
4403 (4314, 552)	4430 (4347, 6754)	4457 (4373, 2501)
4404 (4314, 9455)	4431 (4348, 2005)	4458 (4373, 7506)
4405 (4315, 3751)	4432 (4348, 8002)	4459 (4374, 2780)
4406 (4315, 6256)	4433 (4349, 2518)	4460 (4374, 7227)
4407 (4317, 3985)	4434 (4349, 7489)	4461 (4375, 1736)
4408 (4317, 6022)	4435 (4350, 1566)	4462 (4375, 8271)
4409 (4319, 2226)	4436 (4350, 8441)	4463 (4376, 1139)
4410 (4319, 7781)	4437 (4358, 1029)	4464 (4376, 8868)
4411 (4321, 2730)	4438 (4358, 8978)	4465 (4377, 1014)
4412 (4321, 7277)	4439 (4361, 562)	4466 (4377, 8993)
4413 (4322, 1928)	4440 (4361, 9445)	4467 (4381, 784)
4414 (4322, 8079)	4441 (4362, 4339)	4468 (4381, 9223)
4415 (4327, 3805)	4442 (4362, 5668)	4469 (4385, 4283)
4416 (4327, 6202)	4443 (4363, 1053)	4470 (4385, 5724)
4417 (4331, 2368)	4444 (4363, 8954)	4471 (4387, 50)
4418 (4331, 7639)	4445 (4364, 3724)	4472 (4387, 9957)
4419 (4332, 469)	4446 (4364, 6283)	4473 (4389, 489)
4420 (4332, 9538)	4447 (4367, 2850)	4474 (4389, 9518)
4421 (4335, 3581)	4448 (4367, 7157)	4475 (4394, 2492)
4422 (4335, 6426)	4449 (4369, 4209)	4476 (4394, 7515)
4423 (4337, 4019)	4450 (4369, 5798)	4477 (4397, 3552)
4424 (4337, 5988)	4451 (4370, 3999)	4478 (4397, 6455)
4425 (4340, 571)	4452 (4370, 6008)	4479 (4398, 736)

4480 (4398, 9271)	4507 (4423, 3148)	4534 (4442, 5637)
4481 (4399, 4723)	4508 (4423, 6859)	4535 (4446, 654)
4482 (4399, 5284)	4509 (4427, 237)	4536 (4446, 9353)
4483 (4401, 1747)	4510 (4427, 9770)	4537 (4449, 292)
4484 (4401, 8260)	4511 (4429, 1667)	4538 (4449, 9715)
4485 (4402, 499)	4512 (4429, 8340)	4539 (4450, 555)
4486 (4402, 9508)	4513 (4431, 3635)	4540 (4450, 9452)
4487 (4404, 3725)	4514 (4431, 6372)	4541 (4452, 2771)
4488 (4404, 6282)	4515 (4432, 4367)	4542 (4452, 7236)
4489 (4407, 728)	4516 (4432, 5640)	4543 (4455, 2399)
4490 (4407, 9279)	4517 (4433, 4846)	4544 (4455, 7608)
4491 (4409, 2314)	4518 (4433, 5161)	4545 (4456, 674)
4492 (4409, 7693)	4519 (4434, 1810)	4546 (4456, 9333)
4493 (4410, 4867)	4520 (4434, 8197)	4547 (4457, 2555)
4494 (4410, 5140)	4521 (4435, 733)	4548 (4457, 7452)
4495 (4412, 2246)	4522 (4435, 9274)	4549 (4462, 820)
4496 (4412, 7761)	4523 (4436, 3446)	4550 (4462, 9187)
4497 (4414, 4651)	4524 (4436, 6561)	4551 (4463, 3614)
4498 (4414, 5356)	4525 (4437, 3087)	4552 (4463, 6393)
4499 (4415, 3792)	4526 (4437, 6920)	4553 (4468, 3988)
4500 (4415, 6215)	4527 (4439, 675)	4554 (4468, 6019)
4501 (4420, 4218)	4528 (4439, 9332)	4555 (4469, 2893)
4502 (4420, 5789)	4529 (4440, 1401)	4556 (4469, 7114)
4503 (4421, 459)	4530 (4440, 8606)	4557 (4470, 4515)
4504 (4421, 9548)	4531 (4441, 2293)	4558 (4470, 5492)
4505 (4422, 2413)	4532 (4441, 7714)	4559 (4471, 3362)
4506 (4422, 7594)	4533 (4442, 4370)	4560 (4471, 6645)

4561 (4475, 2840)	4588 (4502, 9723)	4615 (4527, 3608)
4562 (4475, 7167)	4589 (4503, 3302)	4616 (4527, 6399)
4563 (4477, 2696)	4590 (4503, 6705)	4617 (4528, 1662)
4564 (4477, 7311)	4591 (4504, 2940)	4618 (4528, 8345)
4565 (4481, 1595)	4592 (4504, 7067)	4619 (4531, 4877)
4566 (4481, 8412)	4593 (4506, 3603)	4620 (4531, 5130)
4567 (4483, 4258)	4594 (4506, 6404)	4621 (4538, 1354)
4568 (4483, 5749)	4595 (4507, 4294)	4622 (4538, 8653)
4569 (4484, 1695)	4596 (4507, 5713)	4623 (4540, 4808)
4570 (4484, 8312)	4597 (4508, 3773)	4624 (4540, 5199)
4571 (4485, 4104)	4598 (4508, 6234)	4625 (4541, 1295)
4572 (4485, 5903)	4599 (4513, 2011)	4626 (4541, 8712)
4573 (4486, 2695)	4600 (4513, 7996)	4627 (4544, 3219)
4574 (4486, 7312)	4601 (4514, 4602)	4628 (4544, 6788)
4575 (4490, 1037)	4602 (4514, 5405)	4629 (4547, 1625)
4576 (4490, 8970)	4603 (4517, 3993)	4630 (4547, 8382)
4577 (4491, 2604)	4604 (4517, 6014)	4631 (4548, 1366)
4578 (4491, 7403)	4605 (4518, 337)	4632 (4548, 8641)
4579 (4494, 4568)	4606 (4518, 9670)	4633 (4550, 1600)
4580 (4494, 5439)	4607 (4519, 4430)	4634 (4550, 8407)
4581 (4495, 106)	4608 (4519, 5577)	4635 (4552, 4495)
4582 (4495, 9901)	4609 (4521, 1421)	4636 (4552, 5512)
4583 (4496, 882)	4610 (4521, 8586)	4637 (4554, 2190)
4584 (4496, 9125)	4611 (4522, 3671)	4638 (4554, 7817)
4585 (4500, 3537)	4612 (4522, 6336)	4639 (4555, 755)
4586 (4500, 6470)	4613 (4526, 4857)	4640 (4555, 9252)
4587 (4502, 284)	4614 (4526, 5150)	4641 (4558, 3871)

4642 (4558, 6136)	4669 (4596, 4323)	4696 (4621, 5793)
4643 (4562, 3766)	4670 (4596, 5684)	4697 (4624, 3361)
4644 (4562, 6241)	4671 (4599, 4401)	4698 (4624, 6646)
4645 (4565, 1491)	4672 (4599, 5606)	4699 (4627, 3829)
4646 (4565, 8516)	4673 (4601, 1819)	4700 (4627, 6178)
4647 (4567, 338)	4674 (4601, 8188)	4701 (4630, 3585)
4648 (4567, 9669)	4675 (4602, 4261)	4702 (4630, 6422)
4649 (4569, 1555)	4676 (4602, 5746)	4703 (4631, 1961)
4650 (4569, 8452)	4677 (4605, 3382)	4704 (4631, 8046)
4651 (4571, 4649)	4678 (4605, 6625)	4705 (4632, 101)
4652 (4571, 5358)	4679 (4607, 1896)	4706 (4632, 9906)
4653 (4572, 8)	4680 (4607, 8111)	4707 (4633, 368)
4654 (4572, 9999)	4681 (4608, 1219)	4708 (4633, 9639)
4655 (4575, 788)	4682 (4608, 8788)	4709 (4634, 1208)
4656 (4575, 9219)	4683 (4611, 2669)	4710 (4634, 8799)
4657 (4578, 4117)	4684 (4611, 7338)	4711 (4635, 345)
4658 (4578, 5890)	4685 (4612, 3582)	4712 (4635, 9662)
4659 (4579, 3688)	4686 (4612, 6425)	4713 (4636, 3281)
4660 (4579, 6319)	4687 (4613, 4995)	4714 (4636, 6726)
4661 (4581, 4191)	4688 (4613, 5012)	4715 (4639, 3001)
4662 (4581, 5816)	4689 (4615, 4792)	4716 (4639, 7006)
4663 (4586, 170)	4690 (4615, 5215)	4717 (4642, 48)
4664 (4586, 9837)	4691 (4617, 5000)	4718 (4642, 9959)
4665 (4588, 3282)	4692 (4617, 5007)	4719 (4645, 852)
4666 (4588, 6725)	4693 (4619, 2117)	4720 (4645, 9155)
4667 (4591, 3610)	4694 (4619, 7890)	4721 (4646, 2139)
4668 (4591, 6397)	4695 (4621, 4214)	4722 (4646, 7868)

4723 (4647, 554)	4750 (4670, 8314)	4777 (4694, 1964)
4724 (4647, 9453)	4751 (4671, 1817)	4778 (4694, 8043)
4725 (4648, 632)	4752 (4671, 8190)	4779 (4695, 874)
4726 (4648, 9375)	4753 (4673, 1210)	4780 (4695, 9133)
4727 (4649, 3633)	4754 (4673, 8797)	4781 (4698, 4111)
4728 (4649, 6374)	4755 (4678, 1208)	4782 (4698, 5896)
4729 (4650, 2829)	4756 (4678, 8799)	4783 (4699, 933)
4730 (4650, 7178)	4757 (4680, 3253)	4784 (4699, 9074)
4731 (4652, 1330)	4758 (4680, 6754)	4785 (4700, 2440)
4732 (4652, 8677)	4759 (4681, 4496)	4786 (4700, 7567)
4733 (4653, 4477)	4760 (4681, 5511)	4787 (4704, 1764)
4734 (4653, 5530)	4761 (4682, 3242)	4788 (4704, 8243)
4735 (4654, 2562)	4762 (4682, 6765)	4789 (4705, 6)
4736 (4654, 7445)	4763 (4683, 4427)	4790 (4705, 10001)
4737 (4655, 2581)	4764 (4683, 5580)	4791 (4708, 3677)
4738 (4655, 7426)	4765 (4684, 3145)	4792 (4708, 6330)
4739 (4660, 1247)	4766 (4684, 6862)	4793 (4709, 1731)
4740 (4660, 8760)	4767 (4685, 363)	4794 (4709, 8276)
4741 (4662, 3837)	4768 (4685, 9644)	4795 (4712, 1933)
4742 (4662, 6170)	4769 (4686, 4026)	4796 (4712, 8074)
4743 (4665, 4726)	4770 (4686, 5981)	4797 (4713, 970)
4744 (4665, 5281)	4771 (4689, 1041)	4798 (4713, 9037)
4745 (4666, 644)	4772 (4689, 8966)	4799 (4719, 907)
4746 (4666, 9363)	4773 (4692, 3397)	4800 (4719, 9100)
4747 (4668, 2635)	4774 (4692, 6610)	4801 (4720, 3943)
4748 (4668, 7372)	4775 (4693, 1525)	4802 (4720, 6064)
4749 (4670, 1693)	4776 (4693, 8482)	4803 (4722, 933)

4804 (4722, 9074)	4831 (4749, 1094)	4858 (4770, 5743)
4805 (4723, 1237)	4832 (4749, 8913)	4859 (4771, 2791)
4806 (4723, 8770)	4833 (4751, 3123)	4860 (4771, 7216)
4807 (4725, 4044)	4834 (4751, 6884)	4861 (4772, 2682)
4808 (4725, 5963)	4835 (4752, 1924)	4862 (4772, 7325)
4809 (4729, 4921)	4836 (4752, 8083)	4863 (4775, 3846)
4810 (4729, 5086)	4837 (4754, 3629)	4864 (4775, 6161)
4811 (4730, 2739)	4838 (4754, 6378)	4865 (4778, 4672)
4812 (4730, 7268)	4839 (4755, 411)	4866 (4778, 5335)
4813 (4733, 4786)	4840 (4755, 9596)	4867 (4780, 360)
4814 (4733, 5221)	4841 (4758, 2291)	4868 (4780, 9647)
4815 (4735, 4156)	4842 (4758, 7716)	4869 (4784, 2152)
4816 (4735, 5851)	4843 (4760, 1546)	4870 (4784, 7855)
4817 (4736, 3104)	4844 (4760, 8461)	4871 (4786, 4051)
4818 (4736, 6903)	4845 (4761, 3452)	4872 (4786, 5956)
4819 (4737, 930)	4846 (4761, 6555)	4873 (4787, 1133)
4820 (4737, 9077)	4847 (4763, 658)	4874 (4787, 8874)
4821 (4738, 3659)	4848 (4763, 9349)	4875 (4788, 2895)
4822 (4738, 6348)	4849 (4764, 3014)	4876 (4788, 7112)
4823 (4741, 1867)	4850 (4764, 6993)	4877 (4789, 4417)
4824 (4741, 8140)	4851 (4765, 3950)	4878 (4789, 5590)
4825 (4742, 4705)	4852 (4765, 6057)	4879 (4790, 2522)
4826 (4742, 5302)	4853 (4766, 2559)	4880 (4790, 7485)
4827 (4744, 4261)	4854 (4766, 7448)	4881 (4791, 4700)
4828 (4744, 5746)	4855 (4768, 738)	4882 (4791, 5307)
4829 (4745, 646)	4856 (4768, 9269)	4883 (4792, 4658)
4830 (4745, 9361)	4857 (4770, 4264)	4884 (4792, 5349)

4885 (4793, 1428)	4912 (4815, 9690)	4939 (4844, 4834)
4886 (4793, 8579)	4913 (4817, 2526)	4940 (4844, 5173)
4887 (4794, 2125)	4914 (4817, 7481)	4941 (4846, 4499)
4888 (4794, 7882)	4915 (4823, 1670)	4942 (4846, 5508)
4889 (4795, 3725)	4916 (4823, 8337)	4943 (4848, 741)
4890 (4795, 6282)	4917 (4824, 3515)	4944 (4848, 9266)
4891 (4796, 385)	4918 (4824, 6492)	4945 (4850, 2423)
4892 (4796, 9622)	4919 (4826, 2457)	4946 (4850, 7584)
4893 (4797, 4335)	4920 (4826, 7550)	4947 (4854, 680)
4894 (4797, 5672)	4921 (4829, 655)	4948 (4854, 9327)
4895 (4800, 3536)	4922 (4829, 9352)	4949 (4855, 2576)
4896 (4800, 6471)	4923 (4830, 3306)	4950 (4855, 7431)
4897 (4802, 4822)	4924 (4830, 6701)	4951 (4856, 4921)
4898 (4802, 5185)	4925 (4831, 4234)	4952 (4856, 5086)
4899 (4803, 4538)	4926 (4831, 5773)	4953 (4860, 1912)
4900 (4803, 5469)	4927 (4832, 1987)	4954 (4860, 8095)
4901 (4805, 885)	4928 (4832, 8020)	4955 (4861, 1726)
4902 (4805, 9122)	4929 (4833, 1489)	4956 (4861, 8281)
4903 (4809, 2492)	4930 (4833, 8518)	4957 (4865, 717)
4904 (4809, 7515)	4931 (4834, 2657)	4958 (4865, 9290)
4905 (4810, 4911)	4932 (4834, 7350)	4959 (4867, 110)
4906 (4810, 5096)	4933 (4835, 3766)	4960 (4867, 9897)
4907 (4811, 2713)	4934 (4835, 6241)	4961 (4869, 1860)
4908 (4811, 7294)	4935 (4836, 1613)	4962 (4869, 8147)
4909 (4813, 2316)	4936 (4836, 8394)	4963 (4870, 4555)
4910 (4813, 7691)	4937 (4842, 838)	4964 (4870, 5452)
4911 (4815, 317)	4938 (4842, 9169)	4965 (4871, 2196)

4966 (4871, 7811)	4993 (4896, 2755)	5020 (4922, 9232)
4967 (4874, 3416)	4994 (4896, 7252)	5021 (4925, 2674)
4968 (4874, 6591)	4995 (4897, 4705)	5022 (4925, 7333)
4969 (4878, 1295)	4996 (4897, 5302)	5023 (4926, 2482)
4970 (4878, 8712)	4997 (4898, 1732)	5024 (4926, 7525)
4971 (4879, 2381)	4998 (4898, 8275)	5025 (4927, 3556)
4972 (4879, 7626)	4999 (4899, 4828)	5026 (4927, 6451)
4973 (4880, 3129)	5000 (4899, 5179)	5027 (4929, 74)
4974 (4880, 6878)	5001 (4903, 3062)	5028 (4929, 9933)
4975 (4881, 4404)	5002 (4903, 6945)	5029 (4930, 120)
4976 (4881, 5603)	5003 (4905, 982)	5030 (4930, 9887)
4977 (4884, 437)	5004 (4905, 9025)	5031 (4931, 3876)
4978 (4884, 9570)	5005 (4907, 3920)	5032 (4931, 6131)
4979 (4885, 4682)	5006 (4907, 6087)	5033 (4932, 884)
4980 (4885, 5325)	5007 (4909, 4453)	5034 (4932, 9123)
4981 (4887, 3175)	5008 (4909, 5554)	5035 (4933, 242)
4982 (4887, 6832)	5009 (4910, 3916)	5036 (4933, 9765)
4983 (4888, 1248)	5010 (4910, 6091)	5037 (4934, 3729)
4984 (4888, 8759)	5011 (4916, 2287)	5038 (4934, 6278)
4985 (4890, 5)	5012 (4916, 7720)	5039 (4936, 4010)
4986 (4890, 10002)	5013 (4917, 2070)	5040 (4936, 5997)
4987 (4891, 1730)	5014 (4917, 7937)	5041 (4939, 4294)
4988 (4891, 8277)	5015 (4920, 4247)	5042 (4939, 5713)
4989 (4892, 708)	5016 (4920, 5760)	5043 (4943, 945)
4990 (4892, 9299)	5017 (4921, 2020)	5044 (4943, 9062)
4991 (4893, 625)	5018 (4921, 7987)	5045 (4944, 2267)
4992 (4893, 9382)	5019 (4922, 775)	5046 (4944, 7740)

5047 (4946, 3277)	5074 (4971, 9017)	5101 (4992, 2179)
5048 (4946, 6730)	5075 (4972, 2724)	5102 (4992, 7828)
5049 (4947, 2555)	5076 (4972, 7283)	5103 (4993, 3221)
5050 (4947, 7452)	5077 (4974, 772)	5104 (4993, 6786)
5051 (4949, 2967)	5078 (4974, 9235)	5105 (4994, 3432)
5052 (4949, 7040)	5079 (4975, 225)	5106 (4994, 6575)
5053 (4952, 1342)	5080 (4975, 9782)	5107 (4995, 3578)
5054 (4952, 8665)	5081 (4977, 1114)	5108 (4995, 6429)
5055 (4953, 1477)	5082 (4977, 8893)	5109 (4996, 382)
5056 (4953, 8530)	5083 (4979, 138)	5110 (4996, 9625)
5057 (4958, 4188)	5084 (4979, 9869)	5111 (4999, 4858)
5058 (4958, 5819)	5085 (4980, 451)	5112 (4999, 5149)
5059 (4960, 3832)	5086 (4980, 9556)	5113 (5001, 3423)
5060 (4960, 6175)	5087 (4982, 4396)	5114 (5001, 6584)
5061 (4962, 316)	5088 (4982, 5611)	5115 (5002, 3206)
5062 (4962, 9691)	5089 (4983, 3875)	5116 (5002, 6801)
5063 (4963, 4934)	5090 (4983, 6132)	5117 (5003, 2995)
5064 (4963, 5073)	5091 (4986, 2726)	5118 (5003, 7012)
5065 (4964, 2948)	5092 (4986, 7281)	5119 (5004, 4714)
5066 (4964, 7059)	5093 (4987, 574)	5120 (5004, 5293)
5067 (4965, 471)	5094 (4987, 9433)	5121 (5005, 137)
5068 (4965, 9536)	5095 (4988, 3493)	5122 (5005, 9870)
5069 (4966, 3637)	5096 (4988, 6514)	5123 (5007, 4215)
5070 (4966, 6370)	5097 (4989, 4947)	5124 (5007, 5792)
5071 (4967, 3875)	5098 (4989, 5060)	5125 (5011, 4522)
5072 (4967, 6132)	5099 (4991, 4658)	5126 (5011, 5485)
5073 (4971, 990)	5100 (4991, 5349)	5127 (5012, 2739)

5128 (5012, 7268)	5155 (5037, 4849)	5182 (5067, 6715)
5129 (5013, 458)	5156 (5037, 5158)	5183 (5069, 1049)
5130 (5013, 9549)	5157 (5039, 3942)	5184 (5069, 8958)
5131 (5018, 4669)	5158 (5039, 6065)	5185 (5071, 3544)
5132 (5018, 5338)	5159 (5041, 4029)	5186 (5071, 6463)
5133 (5021, 3476)	5160 (5041, 5978)	5187 (5074, 4806)
5134 (5021, 6531)	5161 (5042, 647)	5188 (5074, 5201)
5135 (5023, 203)	5162 (5042, 9360)	5189 (5075, 435)
5136 (5023, 9804)	5163 (5045, 1831)	5190 (5075, 9572)
5137 (5025, 4621)	5164 (5045, 8176)	5191 (5077, 1186)
5138 (5025, 5386)	5165 (5048, 2881)	5192 (5077, 8821)
5139 (5026, 4991)	5166 (5048, 7126)	5193 (5078, 4136)
5140 (5026, 5016)	5167 (5049, 3680)	5194 (5078, 5871)
5141 (5027, 942)	5168 (5049, 6327)	5195 (5079, 1651)
5142 (5027, 9065)	5169 (5050, 1270)	5196 (5079, 8356)
5143 (5028, 3435)	5170 (5050, 8737)	5197 (5080, 4033)
5144 (5028, 6572)	5171 (5052, 4809)	5198 (5080, 5974)
5145 (5030, 1747)	5172 (5052, 5198)	5199 (5081, 731)
5146 (5030, 8260)	5173 (5053, 1477)	5200 (5081, 9276)
5147 (5031, 604)	5174 (5053, 8530)	5201 (5082, 4377)
5148 (5031, 9403)	5175 (5055, 2701)	5202 (5082, 5630)
5149 (5033, 967)	5176 (5055, 7306)	5203 (5084, 4597)
5150 (5033, 9040)	5177 (5056, 2485)	5204 (5084, 5410)
5151 (5035, 1561)	5178 (5056, 7522)	5205 (5086, 250)
5152 (5035, 8446)	5179 (5057, 502)	5206 (5086, 9757)
5153 (5036, 664)	5180 (5057, 9505)	5207 (5088, 3149)
5154 (5036, 9343)	5181 (5067, 3292)	5208 (5088, 6858)

5209 (5090, 573)	5236 (5109, 5636)	5263 (5142, 2921)
5210 (5090, 9434)	5237 (5113, 3280)	5264 (5142, 7086)
5211 (5091, 3473)	5238 (5113, 6727)	5265 (5143, 3107)
5212 (5091, 6534)	5239 (5114, 424)	5266 (5143, 6900)
5213 (5092, 1261)	5240 (5114, 9583)	5267 (5144, 2252)
5214 (5092, 8746)	5241 (5116, 3298)	5268 (5144, 7755)
5215 (5093, 4323)	5242 (5116, 6709)	5269 (5147, 4598)
5216 (5093, 5684)	5243 (5117, 4917)	5270 (5147, 5409)
5217 (5096, 3414)	5244 (5117, 5090)	5271 (5148, 4132)
5218 (5096, 6593)	5245 (5120, 3139)	5272 (5148, 5875)
5219 (5097, 3102)	5246 (5120, 6868)	5273 (5152, 1480)
5220 (5097, 6905)	5247 (5126, 2554)	5274 (5152, 8527)
5221 (5098, 1395)	5248 (5126, 7453)	5275 (5153, 2105)
5222 (5098, 8612)	5249 (5127, 4552)	5276 (5153, 7902)
5223 (5099, 4962)	5250 (5127, 5455)	5277 (5157, 3954)
5224 (5099, 5045)	5251 (5128, 652)	5278 (5157, 6053)
5225 (5101, 381)	5252 (5128, 9355)	5279 (5158, 4793)
5226 (5101, 9626)	5253 (5129, 2773)	5280 (5158, 5214)
5227 (5104, 1537)	5254 (5129, 7234)	5281 (5159, 3647)
5228 (5104, 8470)	5255 (5130, 2385)	5282 (5159, 6360)
5229 (5106, 218)	5256 (5130, 7622)	5283 (5160, 2468)
5230 (5106, 9789)	5257 (5132, 82)	5284 (5160, 7539)
5231 (5107, 1464)	5258 (5132, 9925)	5285 (5161, 643)
5232 (5107, 8543)	5259 (5139, 975)	5286 (5161, 9364)
5233 (5108, 3073)	5260 (5139, 9032)	5287 (5163, 4648)
5234 (5108, 6934)	5261 (5141, 2375)	5288 (5163, 5359)
5235 (5109, 4371)	5262 (5141, 7632)	5289 (5166, 3504)

5290 (5166, 6503)	5317 (5186, 275)	5344 (5214, 7875)
5291 (5167, 3490)	5318 (5186, 9732)	5345 (5218, 815)
5292 (5167, 6517)	5319 (5189, 2285)	5346 (5218, 9192)
5293 (5168, 3219)	5320 (5189, 7722)	5347 (5219, 3205)
5294 (5168, 6788)	5321 (5190, 1538)	5348 (5219, 6802)
5295 (5170, 2213)	5322 (5190, 8469)	5349 (5222, 2083)
5296 (5170, 7794)	5323 (5193, 519)	5350 (5222, 7924)
5297 (5171, 1217)	5324 (5193, 9488)	5351 (5223, 4704)
5298 (5171, 8790)	5325 (5194, 3049)	5352 (5223, 5303)
5299 (5173, 3741)	5326 (5194, 6958)	5353 (5224, 2996)
5300 (5173, 6266)	5327 (5196, 3035)	5354 (5224, 7011)
5301 (5175, 367)	5328 (5196, 6972)	5355 (5226, 3583)
5302 (5175, 9640)	5329 (5197, 1761)	5356 (5226, 6424)
5303 (5176, 3638)	5330 (5197, 8246)	5357 (5227, 2344)
5304 (5176, 6369)	5331 (5198, 612)	5358 (5227, 7663)
5305 (5178, 376)	5332 (5198, 9395)	5359 (5229, 2730)
5306 (5178, 9631)	5333 (5202, 581)	5360 (5229, 7277)
5307 (5179, 1359)	5334 (5202, 9426)	5361 (5230, 3211)
5308 (5179, 8648)	5335 (5203, 3961)	5362 (5230, 6796)
5309 (5180, 4457)	5336 (5203, 6046)	5363 (5231, 17)
5310 (5180, 5550)	5337 (5209, 2819)	5364 (5231, 9990)
5311 (5181, 2680)	5338 (5209, 7188)	5365 (5233, 4728)
5312 (5181, 7327)	5339 (5210, 2519)	5366 (5233, 5279)
5313 (5183, 4054)	5340 (5210, 7488)	5367 (5235, 976)
5314 (5183, 5953)	5341 (5213, 1048)	5368 (5235, 9031)
5315 (5185, 951)	5342 (5213, 8959)	5369 (5236, 3609)
5316 (5185, 9056)	5343 (5214, 2132)	5370 (5236, 6398)

5371 (5239, 739)	5398 (5275, 5440)	5425 (5296, 4856)
5372 (5239, 9268)	5399 (5277, 3578)	5426 (5296, 5151)
5373 (5240, 822)	5400 (5277, 6429)	5427 (5297, 2953)
5374 (5240, 9185)	5401 (5279, 510)	5428 (5297, 7054)
5375 (5246, 1354)	5402 (5279, 9497)	5429 (5301, 267)
5376 (5246, 8653)	5403 (5280, 2489)	5430 (5301, 9740)
5377 (5248, 4997)	5404 (5280, 7518)	5431 (5302, 3410)
5378 (5248, 5010)	5405 (5281, 4778)	5432 (5302, 6597)
5379 (5249, 2735)	5406 (5281, 5229)	5433 (5303, 2889)
5380 (5249, 7272)	5407 (5283, 1748)	5434 (5303, 7118)
5381 (5252, 481)	5408 (5283, 8259)	5435 (5304, 4902)
5382 (5252, 9526)	5409 (5284, 4536)	5436 (5304, 5105)
5383 (5253, 199)	5410 (5284, 5471)	5437 (5306, 1961)
5384 (5253, 9808)	5411 (5285, 1553)	5438 (5306, 8046)
5385 (5256, 3486)	5412 (5285, 8454)	5439 (5308, 1553)
5386 (5256, 6521)	5413 (5287, 1672)	5440 (5308, 8454)
5387 (5259, 38)	5414 (5287, 8335)	5441 (5309, 2192)
5388 (5259, 9969)	5415 (5288, 2296)	5442 (5309, 7815)
5389 (5266, 1962)	5416 (5288, 7711)	5443 (5310, 2755)
5390 (5266, 8045)	5417 (5292, 1055)	5444 (5310, 7252)
5391 (5267, 2200)	5418 (5292, 8952)	5445 (5313, 2766)
5392 (5267, 7807)	5419 (5293, 3040)	5446 (5313, 7241)
5393 (5269, 4783)	5420 (5293, 6967)	5447 (5317, 3716)
5394 (5269, 5224)	5421 (5294, 2331)	5448 (5317, 6291)
5395 (5272, 600)	5422 (5294, 7676)	5449 (5318, 4680)
5396 (5272, 9407)	5423 (5295, 746)	5450 (5318, 5327)
5397 (5275, 4567)	5424 (5295, 9261)	5451 (5319, 1526)

5452 (5319, 8481)	5479 (5352, 182)	5506 (5378, 7275)
5453 (5320, 3788)	5480 (5352, 9825)	5507 (5380, 4517)
5454 (5320, 6219)	5481 (5354, 3771)	5508 (5380, 5490)
5455 (5321, 3116)	5482 (5354, 6236)	5509 (5383, 795)
5456 (5321, 6891)	5483 (5359, 2517)	5510 (5383, 9212)
5457 (5324, 1532)	5484 (5359, 7490)	5511 (5385, 4957)
5458 (5324, 8475)	5485 (5361, 4258)	5512 (5385, 5050)
5459 (5328, 2167)	5486 (5361, 5749)	5513 (5386, 1548)
5460 (5328, 7840)	5487 (5362, 3489)	5514 (5386, 8459)
5461 (5330, 4779)	5488 (5362, 6518)	5515 (5387, 130)
5462 (5330, 5228)	5489 (5363, 4228)	5516 (5387, 9877)
5463 (5331, 2737)	5490 (5363, 5779)	5517 (5388, 4071)
5464 (5331, 7270)	5491 (5364, 4684)	5518 (5388, 5936)
5465 (5337, 1103)	5492 (5364, 5323)	5519 (5390, 1493)
5466 (5337, 8904)	5493 (5366, 3639)	5520 (5390, 8514)
5467 (5340, 439)	5494 (5366, 6368)	5521 (5392, 2233)
5468 (5340, 9568)	5495 (5367, 225)	5522 (5392, 7774)
5469 (5342, 3283)	5496 (5367, 9782)	5523 (5395, 344)
5470 (5342, 6724)	5497 (5368, 917)	5524 (5395, 9663)
5471 (5343, 2285)	5498 (5368, 9090)	5525 (5396, 4909)
5472 (5343, 7722)	5499 (5372, 2428)	5526 (5396, 5098)
5473 (5347, 3967)	5500 (5372, 7579)	5527 (5399, 4338)
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5475 (5348, 874)	5502 (5374, 9437)	5529 (5400, 4573)
5476 (5348, 9133)	5503 (5377, 4164)	5530 (5400, 5434)
5477 (5350, 2936)	5504 (5377, 5843)	5531 (5401, 4282)
5478 (5350, 7071)	5505 (5378, 2732)	5532 (5401, 5725)

5533 (5402, 837)	5560 (5423, 6780)	5587 (5466, 2773)
5534 (5402, 9170)	5561 (5425, 1401)	5588 (5466, 7234)
5535 (5406, 4971)	5562 (5425, 8606)	5589 (5467, 2305)
5536 (5406, 5036)	5563 (5427, 963)	5590 (5467, 7702)
5537 (5407, 635)	5564 (5427, 9044)	5591 (5469, 3452)
5538 (5407, 9372)	5565 (5433, 4394)	5592 (5469, 6555)
5539 (5408, 2061)	5566 (5433, 5613)	5593 (5470, 3510)
5540 (5408, 7946)	5567 (5435, 2817)	5594 (5470, 6497)
5541 (5409, 3190)	5568 (5435, 7190)	5595 (5472, 2608)
5542 (5409, 6817)	5569 (5441, 1644)	5596 (5472, 7399)
5543 (5413, 3681)	5570 (5441, 8363)	5597 (5473, 2763)
5544 (5413, 6326)	5571 (5449, 3482)	5598 (5473, 7244)
5545 (5414, 3645)	5572 (5449, 6525)	5599 (5475, 4723)
5546 (5414, 6362)	5573 (5451, 1780)	5600 (5475, 5284)
5547 (5415, 810)	5574 (5451, 8227)	5601 (5477, 2970)
5548 (5415, 9197)	5575 (5452, 1096)	5602 (5477, 7037)
5549 (5417, 2089)	5576 (5452, 8911)	5603 (5478, 2489)
5550 (5417, 7918)	5577 (5453, 2665)	5604 (5478, 7518)
5551 (5418, 2324)	5578 (5453, 7342)	5605 (5481, 4772)
5552 (5418, 7683)	5579 (5455, 3404)	5606 (5481, 5235)
5553 (5420, 2631)	5580 (5455, 6603)	5607 (5483, 4685)
5554 (5420, 7376)	5581 (5460, 35)	5608 (5483, 5322)
5555 (5421, 3339)	5582 (5460, 9972)	5609 (5485, 2046)
5556 (5421, 6668)	5583 (5462, 1698)	5610 (5485, 7961)
5557 (5422, 1503)	5584 (5462, 8309)	5611 (5487, 3790)
5558 (5422, 8504)	5585 (5464, 335)	5612 (5487, 6217)
5559 (5423, 3227)	5586 (5464, 9672)	5613 (5488, 94)

5614 (5488, 9913)	5641 (5514, 361)	5668 (5537, 9416)
5615 (5491, 3941)	5642 (5514, 9646)	5669 (5538, 1252)
5616 (5491, 6066)	5643 (5517, 4027)	5670 (5538, 8755)
5617 (5492, 3060)	5644 (5517, 5980)	5671 (5539, 1868)
5618 (5492, 6947)	5645 (5518, 3176)	5672 (5539, 8139)
5619 (5493, 2950)	5646 (5518, 6831)	5673 (5540, 2430)
5620 (5493, 7057)	5647 (5519, 3128)	5674 (5540, 7577)
5621 (5494, 3401)	5648 (5519, 6879)	5675 (5542, 195)
5622 (5494, 6606)	5649 (5524, 2139)	5676 (5542, 9812)
5623 (5495, 1164)	5650 (5524, 7868)	5677 (5546, 4024)
5624 (5495, 8843)	5651 (5526, 2025)	5678 (5546, 5983)
5625 (5496, 2106)	5652 (5526, 7982)	5679 (5548, 2460)
5626 (5496, 7901)	5653 (5527, 3026)	5680 (5548, 7547)
5627 (5498, 1009)	5654 (5527, 6981)	5681 (5552, 499)
5628 (5498, 8998)	5655 (5528, 1743)	5682 (5552, 9508)
5629 (5502, 3496)	5656 (5528, 8264)	5683 (5554, 1731)
5630 (5502, 6511)	5657 (5530, 3430)	5684 (5554, 8276)
5631 (5503, 2372)	5658 (5530, 6577)	5685 (5557, 3820)
5632 (5503, 7635)	5659 (5532, 4871)	5686 (5557, 6187)
5633 (5505, 97)	5660 (5532, 5136)	5687 (5558, 308)
5634 (5505, 9910)	5661 (5533, 4132)	5688 (5558, 9699)
5635 (5508, 945)	5662 (5533, 5875)	5689 (5562, 2098)
5636 (5508, 9062)	5663 (5534, 1618)	5690 (5562, 7909)
5637 (5509, 1497)	5664 (5534, 8389)	5691 (5563, 2892)
5638 (5509, 8510)	5665 (5535, 3137)	5692 (5563, 7115)
5639 (5513, 780)	5666 (5535, 6870)	5693 (5564, 4263)
5640 (5513, 9227)	5667 (5537, 591)	5694 (5564, 5744)

5695 (5566, 4888)	5722 (5596, 6938)	5749 (5625, 4028)
5696 (5566, 5119)	5723 (5597, 812)	5750 (5625, 5979)
5697 (5571, 153)	5724 (5597, 9195)	5751 (5627, 3217)
5698 (5571, 9854)	5725 (5599, 513)	5752 (5627, 6790)
5699 (5572, 4446)	5726 (5599, 9494)	5753 (5628, 178)
5700 (5572, 5561)	5727 (5601, 3846)	5754 (5628, 9829)
5701 (5573, 2811)	5728 (5601, 6161)	5755 (5635, 4564)
5702 (5573, 7196)	5729 (5605, 2399)	5756 (5635, 5443)
5703 (5575, 4289)	5730 (5605, 7608)	5757 (5638, 1178)
5704 (5575, 5718)	5731 (5606, 1114)	5758 (5638, 8829)
5705 (5577, 207)	5732 (5606, 8893)	5759 (5641, 2286)
5706 (5577, 9800)	5733 (5609, 4441)	5760 (5641, 7721)
5707 (5578, 2814)	5734 (5609, 5566)	5761 (5647, 4794)
5708 (5578, 7193)	5735 (5610, 1971)	5762 (5647, 5213)
5709 (5579, 2857)	5736 (5610, 8036)	5763 (5648, 3441)
5710 (5579, 7150)	5737 (5612, 4810)	5764 (5648, 6566)
5711 (5580, 1684)	5738 (5612, 5197)	5765 (5653, 721)
5712 (5580, 8323)	5739 (5613, 612)	5766 (5653, 9286)
5713 (5583, 2522)	5740 (5613, 9395)	5767 (5656, 1349)
5714 (5583, 7485)	5741 (5614, 48)	5768 (5656, 8658)
5715 (5586, 282)	5742 (5614, 9959)	5769 (5659, 737)
5716 (5586, 9725)	5743 (5619, 3281)	5770 (5659, 9270)
5717 (5590, 3131)	5744 (5619, 6726)	5771 (5661, 4262)
5718 (5590, 6876)	5745 (5621, 1901)	5772 (5661, 5745)
5719 (5594, 3376)	5746 (5621, 8106)	5773 (5663, 823)
5720 (5594, 6631)	5747 (5622, 4876)	5774 (5663, 9184)
5721 (5596, 3069)	5748 (5622, 5131)	5775 (5665, 4359)

5776 (5665, 5648)	5803 (5690, 2185)	5830 (5721, 9821)
5777 (5666, 4512)	5804 (5690, 7822)	5831 (5726, 3933)
5778 (5666, 5495)	5805 (5692, 2875)	5832 (5726, 6074)
5779 (5667, 3624)	5806 (5692, 7132)	5833 (5730, 789)
5780 (5667, 6383)	5807 (5694, 2102)	5834 (5730, 9218)
5781 (5668, 1456)	5808 (5694, 7905)	5835 (5732, 4422)
5782 (5668, 8551)	5809 (5695, 4595)	5836 (5732, 5585)
5783 (5669, 554)	5810 (5695, 5412)	5837 (5736, 360)
5784 (5669, 9453)	5811 (5699, 4530)	5838 (5736, 9647)
5785 (5673, 4205)	5812 (5699, 5477)	5839 (5740, 4432)
5786 (5673, 5802)	5813 (5700, 2605)	5840 (5740, 5575)
5787 (5674, 89)	5814 (5700, 7402)	5841 (5741, 4373)
5788 (5674, 9918)	5815 (5702, 3100)	5842 (5741, 5634)
5789 (5677, 192)	5816 (5702, 6907)	5843 (5742, 2825)
5790 (5677, 9815)	5817 (5703, 2572)	5844 (5742, 7182)
5791 (5680, 415)	5818 (5703, 7435)	5845 (5743, 1098)
5792 (5680, 9592)	5819 (5704, 377)	5846 (5743, 8909)
5793 (5683, 1832)	5820 (5704, 9630)	5847 (5744, 1960)
5794 (5683, 8175)	5821 (5706, 2546)	5848 (5744, 8047)
5795 (5684, 3189)	5822 (5706, 7461)	5849 (5745, 1852)
5796 (5684, 6818)	5823 (5709, 2851)	5850 (5745, 8155)
5797 (5686, 4672)	5824 (5709, 7156)	5851 (5746, 1798)
5798 (5686, 5335)	5825 (5711, 1668)	5852 (5746, 8209)
5799 (5687, 2742)	5826 (5711, 8339)	5853 (5748, 1588)
5800 (5687, 7265)	5827 (5712, 340)	5854 (5748, 8419)
5801 (5689, 3221)	5828 (5712, 9667)	5855 (5750, 4307)
5802 (5689, 6786)	5829 (5721, 186)	5856 (5750, 5700)

5857 (5752, 3621)	5884 (5782, 5936)	5911 (5804, 94)
5858 (5752, 6386)	5885 (5783, 2451)	5912 (5804, 9913)
5859 (5761, 851)	5886 (5783, 7556)	5913 (5805, 1482)
5860 (5761, 9156)	5887 (5784, 2187)	5914 (5805, 8525)
5861 (5762, 2815)	5888 (5784, 7820)	5915 (5806, 325)
5862 (5762, 7192)	5889 (5786, 258)	5916 (5806, 9682)
5863 (5764, 4387)	5890 (5786, 9749)	5917 (5811, 743)
5864 (5764, 5620)	5891 (5787, 2648)	5918 (5811, 9264)
5865 (5765, 960)	5892 (5787, 7359)	5919 (5812, 4276)
5866 (5765, 9047)	5893 (5789, 2630)	5920 (5812, 5731)
5867 (5767, 3271)	5894 (5789, 7377)	5921 (5813, 3443)
5868 (5767, 6736)	5895 (5790, 2161)	5922 (5813, 6564)
5869 (5770, 53)	5896 (5790, 7846)	5923 (5818, 3008)
5870 (5770, 9954)	5897 (5792, 100)	5924 (5818, 6999)
5871 (5771, 1245)	5898 (5792, 9907)	5925 (5819, 4462)
5872 (5771, 8762)	5899 (5795, 246)	5926 (5819, 5545)
5873 (5773, 4588)	5900 (5795, 9761)	5927 (5820, 3624)
5874 (5773, 5419)	5901 (5796, 827)	5928 (5820, 6383)
5875 (5776, 137)	5902 (5796, 9180)	5929 (5821, 2025)
5876 (5776, 9870)	5903 (5797, 3812)	5930 (5821, 7982)
5877 (5777, 4994)	5904 (5797, 6195)	5931 (5822, 162)
5878 (5777, 5013)	5905 (5800, 416)	5932 (5822, 9845)
5879 (5778, 4019)	5906 (5800, 9591)	5933 (5823, 4607)
5880 (5778, 5988)	5907 (5801, 3604)	5934 (5823, 5400)
5881 (5780, 1826)	5908 (5801, 6403)	5935 (5824, 3768)
5882 (5780, 8181)	5909 (5802, 177)	5936 (5824, 6239)
5883 (5782, 4071)	5910 (5802, 9830)	5937 (5825, 2277)

5938 (5825, 7730)	5965 (5854, 3330)	5992 (5877, 7281)
5939 (5826, 4105)	5966 (5854, 6677)	5993 (5880, 2442)
5940 (5826, 5902)	5967 (5855, 4377)	5994 (5880, 7565)
5941 (5827, 3964)	5968 (5855, 5630)	5995 (5881, 4933)
5942 (5827, 6043)	5969 (5857, 4052)	5996 (5881, 5074)
5943 (5830, 4485)	5970 (5857, 5955)	5997 (5882, 2966)
5944 (5830, 5522)	5971 (5860, 1955)	5998 (5882, 7041)
5945 (5832, 3309)	5972 (5860, 8052)	5999 (5883, 4918)
5946 (5832, 6698)	5973 (5861, 2051)	6000 (5883, 5089)
5947 (5836, 4222)	5974 (5861, 7956)	6001 (5884, 2282)
5948 (5836, 5785)	5975 (5864, 4769)	6002 (5884, 7725)
5949 (5840, 1660)	5976 (5864, 5238)	6003 (5886, 767)
5950 (5840, 8347)	5977 (5865, 4255)	6004 (5886, 9240)
5951 (5843, 4293)	5978 (5865, 5752)	6005 (5887, 555)
5952 (5843, 5714)	5979 (5866, 1498)	6006 (5887, 9452)
5953 (5844, 1702)	5980 (5866, 8509)	6007 (5888, 3912)
5954 (5844, 8305)	5981 (5867, 4664)	6008 (5888, 6095)
5955 (5846, 3469)	5982 (5867, 5343)	6009 (5890, 3471)
5956 (5846, 6538)	5983 (5869, 3005)	6010 (5890, 6536)
5957 (5849, 3909)	5984 (5869, 7002)	6011 (5891, 4349)
5958 (5849, 6098)	5985 (5870, 4346)	6012 (5891, 5658)
5959 (5850, 1934)	5986 (5870, 5661)	6013 (5892, 2464)
5960 (5850, 8073)	5987 (5872, 4722)	6014 (5892, 7543)
5961 (5852, 2150)	5988 (5872, 5285)	6015 (5893, 2411)
5962 (5852, 7857)	5989 (5876, 528)	6016 (5893, 7596)
5963 (5853, 3754)	5990 (5876, 9479)	6017 (5897, 2129)
5964 (5853, 6253)	5991 (5877, 2726)	6018 (5897, 7878)

6019 (5899, 1560)	6046 (5919, 5954)	6073 (5947, 1017)
6020 (5899, 8447)	6047 (5920, 1554)	6074 (5947, 8990)
6021 (5900, 912)	6048 (5920, 8453)	6075 (5948, 4845)
6022 (5900, 9095)	6049 (5922, 1143)	6076 (5948, 5162)
6023 (5901, 2992)	6050 (5922, 8864)	6077 (5949, 2962)
6024 (5901, 7015)	6051 (5925, 2623)	6078 (5949, 7045)
6025 (5902, 3267)	6052 (5925, 7384)	6079 (5950, 2844)
6026 (5902, 6740)	6053 (5927, 2118)	6080 (5950, 7163)
6027 (5904, 3203)	6054 (5927, 7889)	6081 (5952, 4405)
6028 (5904, 6804)	6055 (5928, 1633)	6082 (5952, 5602)
6029 (5905, 2979)	6056 (5928, 8374)	6083 (5953, 3074)
6030 (5905, 7028)	6057 (5929, 229)	6084 (5953, 6933)
6031 (5908, 3891)	6058 (5929, 9778)	6085 (5954, 1582)
6032 (5908, 6116)	6059 (5930, 3492)	6086 (5954, 8425)
6033 (5910, 143)	6060 (5930, 6515)	6087 (5956, 4799)
6034 (5910, 9864)	6061 (5931, 463)	6088 (5956, 5208)
6035 (5912, 2414)	6062 (5931, 9544)	6089 (5958, 4150)
6036 (5912, 7593)	6063 (5933, 1887)	6090 (5958, 5857)
6037 (5914, 2911)	6064 (5933, 8120)	6091 (5962, 1922)
6038 (5914, 7096)	6065 (5936, 203)	6092 (5962, 8085)
6039 (5915, 3637)	6066 (5936, 9804)	6093 (5965, 3641)
6040 (5915, 6370)	6067 (5938, 2428)	6094 (5965, 6366)
6041 (5916, 4346)	6068 (5938, 7579)	6095 (5968, 4531)
6042 (5916, 5661)	6069 (5939, 3183)	6096 (5968, 5476)
6043 (5918, 4567)	6070 (5939, 6824)	6097 (5970, 4506)
6044 (5918, 5440)	6071 (5945, 1966)	6098 (5970, 5501)
6045 (5919, 4053)	6072 (5945, 8041)	6099 (5971, 2498)

6100 (5971, 7509)	6127 (5998, 962)	6154 (6027, 8121)
6101 (5973, 1915)	6128 (5998, 9045)	6155 (6028, 4836)
6102 (5973, 8092)	6129 (5999, 660)	6156 (6028, 5171)
6103 (5974, 445)	6130 (5999, 9347)	6157 (6031, 3806)
6104 (5974, 9562)	6131 (6000, 42)	6158 (6031, 6201)
6105 (5978, 2196)	6132 (6000, 9965)	6159 (6033, 4738)
6106 (5978, 7811)	6133 (6002, 472)	6160 (6033, 5269)
6107 (5979, 4909)	6134 (6002, 9535)	6161 (6034, 395)
6108 (5979, 5098)	6135 (6008, 2045)	6162 (6034, 9612)
6109 (5980, 3379)	6136 (6008, 7962)	6163 (6035, 834)
6110 (5980, 6628)	6137 (6009, 2959)	6164 (6035, 9173)
6111 (5983, 3548)	6138 (6009, 7048)	6165 (6041, 837)
6112 (5983, 6459)	6139 (6011, 4572)	6166 (6041, 9170)
6113 (5986, 3441)	6140 (6011, 5435)	6167 (6045, 2309)
6114 (5986, 6566)	6141 (6012, 2191)	6168 (6045, 7698)
6115 (5987, 3143)	6142 (6012, 7816)	6169 (6047, 373)
6116 (5987, 6864)	6143 (6013, 2235)	6170 (6047, 9634)
6117 (5989, 1212)	6144 (6013, 7772)	6171 (6049, 4453)
6118 (5989, 8795)	6145 (6015, 3404)	6172 (6049, 5554)
6119 (5990, 2229)	6146 (6015, 6603)	6173 (6050, 3325)
6120 (5990, 7778)	6147 (6016, 492)	6174 (6050, 6682)
6121 (5992, 3671)	6148 (6016, 9515)	6175 (6051, 82)
6122 (5992, 6336)	6149 (6021, 3938)	6176 (6051, 9925)
6123 (5993, 3046)	6150 (6021, 6069)	6177 (6052, 502)
6124 (5993, 6961)	6151 (6022, 3831)	6178 (6052, 9505)
6125 (5994, 3028)	6152 (6022, 6176)	6179 (6055, 70)
6126 (5994, 6979)	6153 (6027, 1886)	6180 (6055, 9937)

6181 (6058, 4754)	6208 (6078, 8448)	6235 (6106, 3072)
6182 (6058, 5253)	6209 (6079, 2757)	6236 (6106, 6935)
6183 (6059, 4857)	6210 (6079, 7250)	6237 (6107, 1750)
6184 (6059, 5150)	6211 (6081, 2110)	6238 (6107, 8257)
6185 (6062, 387)	6212 (6081, 7897)	6239 (6110, 608)
6186 (6062, 9620)	6213 (6083, 3732)	6240 (6110, 9399)
6187 (6063, 3944)	6214 (6083, 6275)	6241 (6111, 2379)
6188 (6063, 6063)	6215 (6084, 2610)	6242 (6111, 7628)
6189 (6064, 4600)	6216 (6084, 7397)	6243 (6112, 3307)
6190 (6064, 5407)	6217 (6087, 3113)	6244 (6112, 6700)
6191 (6065, 5003)	6218 (6087, 6894)	6245 (6114, 4221)
6192 (6065, 5004)	6219 (6089, 30)	6246 (6114, 5786)
6193 (6067, 3785)	6220 (6089, 9977)	6247 (6115, 4882)
6194 (6067, 6222)	6221 (6092, 1089)	6248 (6115, 5125)
6195 (6068, 3703)	6222 (6092, 8918)	6249 (6117, 4901)
6196 (6068, 6304)	6223 (6093, 3876)	6250 (6117, 5106)
6197 (6070, 1964)	6224 (6093, 6131)	6251 (6119, 1013)
6198 (6070, 8043)	6225 (6095, 4609)	6252 (6119, 8994)
6199 (6072, 3917)	6226 (6095, 5398)	6253 (6121, 4532)
6200 (6072, 6090)	6227 (6096, 2202)	6254 (6121, 5475)
6201 (6073, 1798)	6228 (6096, 7805)	6255 (6123, 3487)
6202 (6073, 8209)	6229 (6101, 1087)	6256 (6123, 6520)
6203 (6076, 1198)	6230 (6101, 8920)	6257 (6127, 2321)
6204 (6076, 8809)	6231 (6104, 2517)	6258 (6127, 7686)
6205 (6077, 2223)	6232 (6104, 7490)	6259 (6128, 1867)
6206 (6077, 7784)	6233 (6105, 3612)	6260 (6128, 8140)
6207 (6078, 1559)	6234 (6105, 6395)	6261 (6129, 949)

6262 (6129, 9058)	6289 (6158, 2304)	6316 (6181, 8746)
6263 (6131, 1675)	6290 (6158, 7703)	6317 (6182, 4644)
6264 (6131, 8332)	6291 (6162, 2092)	6318 (6182, 5363)
6265 (6134, 3992)	6292 (6162, 7915)	6319 (6184, 518)
6266 (6134, 6015)	6293 (6163, 4493)	6320 (6184, 9489)
6267 (6138, 1941)	6294 (6163, 5514)	6321 (6185, 390)
6268 (6138, 8066)	6295 (6164, 608)	6322 (6185, 9617)
6269 (6139, 1005)	6296 (6164, 9399)	6323 (6186, 416)
6270 (6139, 9002)	6297 (6165, 4275)	6324 (6186, 9591)
6271 (6140, 284)	6298 (6165, 5732)	6325 (6187, 247)
6272 (6140, 9723)	6299 (6167, 2932)	6326 (6187, 9760)
6273 (6142, 4184)	6300 (6167, 7075)	6327 (6190, 4200)
6274 (6142, 5823)	6301 (6168, 534)	6328 (6190, 5807)
6275 (6145, 299)	6302 (6168, 9473)	6329 (6191, 2698)
6276 (6145, 9708)	6303 (6170, 2919)	6330 (6191, 7309)
6277 (6147, 2493)	6304 (6170, 7088)	6331 (6193, 4285)
6278 (6147, 7514)	6305 (6172, 3369)	6332 (6193, 5722)
6279 (6148, 2534)	6306 (6172, 6638)	6333 (6195, 3394)
6280 (6148, 7473)	6307 (6173, 3315)	6334 (6195, 6613)
6281 (6149, 922)	6308 (6173, 6692)	6335 (6197, 4616)
6282 (6149, 9085)	6309 (6176, 2021)	6336 (6197, 5391)
6283 (6151, 3777)	6310 (6176, 7986)	6337 (6198, 3562)
6284 (6151, 6230)	6311 (6179, 2700)	6338 (6198, 6445)
6285 (6155, 4581)	6312 (6179, 7307)	6339 (6201, 3277)
6286 (6155, 5426)	6313 (6180, 1012)	6340 (6201, 6730)
6287 (6156, 976)	6314 (6180, 8995)	6341 (6202, 1337)
6288 (6156, 9031)	6315 (6181, 1261)	6342 (6202, 8670)

6343 (6204, 4424)	6370 (6234, 8644)	6397 (6264, 4260)
6344 (6204, 5583)	6371 (6235, 3103)	6398 (6264, 5747)
6345 (6207, 4381)	6372 (6235, 6904)	6399 (6266, 1511)
6346 (6207, 5626)	6373 (6237, 3205)	6400 (6266, 8496)
6347 (6210, 1431)	6374 (6237, 6802)	6401 (6267, 1794)
6348 (6210, 8576)	6375 (6239, 4084)	6402 (6267, 8213)
6349 (6211, 3027)	6376 (6239, 5923)	6403 (6268, 1775)
6350 (6211, 6980)	6377 (6242, 841)	6404 (6268, 8232)
6351 (6213, 2984)	6378 (6242, 9166)	6405 (6269, 4878)
6352 (6213, 7023)	6379 (6246, 200)	6406 (6269, 5129)
6353 (6219, 4084)	6380 (6246, 9807)	6407 (6271, 1316)
6354 (6219, 5923)	6381 (6247, 4221)	6408 (6271, 8691)
6355 (6224, 4052)	6382 (6247, 5786)	6409 (6274, 4761)
6356 (6224, 5955)	6383 (6252, 3878)	6410 (6274, 5246)
6357 (6227, 4613)	6384 (6252, 6129)	6411 (6275, 1268)
6358 (6227, 5394)	6385 (6253, 4031)	6412 (6275, 8739)
6359 (6228, 3521)	6386 (6253, 5976)	6413 (6278, 2918)
6360 (6228, 6486)	6387 (6257, 244)	6414 (6278, 7089)
6361 (6230, 1086)	6388 (6257, 9763)	6415 (6280, 280)
6362 (6230, 8921)	6389 (6258, 3264)	6416 (6280, 9727)
6363 (6231, 3194)	6390 (6258, 6743)	6417 (6281, 4237)
6364 (6231, 6813)	6391 (6259, 3388)	6418 (6281, 5770)
6365 (6232, 2761)	6392 (6259, 6619)	6419 (6283, 4576)
6366 (6232, 7246)	6393 (6261, 2113)	6420 (6283, 5431)
6367 (6233, 2283)	6394 (6261, 7894)	6421 (6285, 1801)
6368 (6233, 7724)	6395 (6263, 1290)	6422 (6285, 8206)
6369 (6234, 1363)	6396 (6263, 8717)	6423 (6290, 1849)

6424 (6290, 8158)	6451 (6318, 531)	6478 (6346, 5692)
6425 (6291, 4735)	6452 (6318, 9476)	6479 (6349, 678)
6426 (6291, 5272)	6453 (6319, 1334)	6480 (6349, 9329)
6427 (6292, 575)	6454 (6319, 8673)	6481 (6350, 1722)
6428 (6292, 9432)	6455 (6321, 3653)	6482 (6350, 8285)
6429 (6293, 3907)	6456 (6321, 6354)	6483 (6353, 115)
6430 (6293, 6100)	6457 (6324, 2384)	6484 (6353, 9892)
6431 (6297, 236)	6458 (6324, 7623)	6485 (6359, 3151)
6432 (6297, 9771)	6459 (6326, 3602)	6486 (6359, 6856)
6433 (6298, 2923)	6460 (6326, 6405)	6487 (6360, 396)
6434 (6298, 7084)	6461 (6327, 4521)	6488 (6360, 9611)
6435 (6305, 41)	6462 (6327, 5486)	6489 (6365, 2336)
6436 (6305, 9966)	6463 (6328, 1719)	6490 (6365, 7671)
6437 (6307, 848)	6464 (6328, 8288)	6491 (6371, 1703)
6438 (6307, 9159)	6465 (6329, 670)	6492 (6371, 8304)
6439 (6308, 197)	6466 (6329, 9337)	6493 (6372, 4050)
6440 (6308, 9810)	6467 (6340, 4068)	6494 (6372, 5957)
6441 (6310, 2872)	6468 (6340, 5939)	6495 (6374, 2475)
6442 (6310, 7135)	6469 (6341, 1510)	6496 (6374, 7532)
6443 (6312, 3334)	6470 (6341, 8497)	6497 (6377, 4343)
6444 (6312, 6673)	6471 (6343, 936)	6498 (6377, 5664)
6445 (6313, 3185)	6472 (6343, 9071)	6499 (6383, 4600)
6446 (6313, 6822)	6473 (6344, 1604)	6500 (6383, 5407)
6447 (6314, 3916)	6474 (6344, 8403)	6501 (6386, 4952)
6448 (6314, 6091)	6475 (6345, 2364)	6502 (6386, 5055)
6449 (6315, 1010)	6476 (6345, 7643)	6503 (6390, 867)
6450 (6315, 8997)	6477 (6346, 4315)	6504 (6390, 9140)

6505 (6391, 3600)	6532 (6413, 7838)	6559 (6448, 4410)
6506 (6391, 6407)	6533 (6415, 2724)	6560 (6448, 5597)
6507 (6396, 4824)	6534 (6415, 7283)	6561 (6449, 1038)
6508 (6396, 5183)	6535 (6417, 1557)	6562 (6449, 8969)
6509 (6398, 3297)	6536 (6417, 8450)	6563 (6454, 279)
6510 (6398, 6710)	6537 (6420, 3667)	6564 (6454, 9728)
6511 (6401, 2373)	6538 (6420, 6340)	6565 (6457, 638)
6512 (6401, 7634)	6539 (6424, 3027)	6566 (6457, 9369)
6513 (6403, 3813)	6540 (6424, 6980)	6567 (6458, 1769)
6514 (6403, 6194)	6541 (6425, 4387)	6568 (6458, 8238)
6515 (6404, 2928)	6542 (6425, 5620)	6569 (6460, 1267)
6516 (6404, 7079)	6543 (6426, 1117)	6570 (6460, 8740)
6517 (6405, 1259)	6544 (6426, 8890)	6571 (6462, 1897)
6518 (6405, 8748)	6545 (6429, 576)	6572 (6462, 8110)
6519 (6407, 4355)	6546 (6429, 9431)	6573 (6463, 13)
6520 (6407, 5652)	6547 (6431, 1646)	6574 (6463, 9994)
6521 (6408, 430)	6548 (6431, 8361)	6575 (6465, 1699)
6522 (6408, 9577)	6549 (6435, 4229)	6576 (6465, 8308)
6523 (6409, 292)	6550 (6435, 5778)	6577 (6467, 897)
6524 (6409, 9715)	6551 (6438, 2667)	6578 (6467, 9110)
6525 (6410, 3208)	6552 (6438, 7340)	6579 (6468, 4262)
6526 (6410, 6799)	6553 (6439, 951)	6580 (6468, 5745)
6527 (6411, 2426)	6554 (6439, 9056)	6581 (6469, 2838)
6528 (6411, 7581)	6555 (6441, 3647)	6582 (6469, 7169)
6529 (6412, 3686)	6556 (6441, 6360)	6583 (6470, 210)
6530 (6412, 6321)	6557 (6442, 4901)	6584 (6470, 9797)
6531 (6413, 2169)	6558 (6442, 5106)	6585 (6472, 4249)

6586 (6472, 5758)	6613 (6499, 1981)	6640 (6526, 9159)
6587 (6473, 2963)	6614 (6499, 8026)	6641 (6529, 570)
6588 (6473, 7044)	6615 (6500, 4428)	6642 (6529, 9437)
6589 (6474, 1651)	6616 (6500, 5579)	6643 (6533, 2685)
6590 (6474, 8356)	6617 (6501, 3657)	6644 (6533, 7322)
6591 (6481, 690)	6618 (6501, 6350)	6645 (6534, 254)
6592 (6481, 9317)	6619 (6502, 2874)	6646 (6534, 9753)
6593 (6482, 4344)	6620 (6502, 7133)	6647 (6536, 2666)
6594 (6482, 5663)	6621 (6504, 2971)	6648 (6536, 7341)
6595 (6483, 477)	6622 (6504, 7036)	6649 (6537, 3413)
6596 (6483, 9530)	6623 (6505, 4106)	6650 (6537, 6594)
6597 (6488, 4311)	6624 (6505, 5901)	6651 (6538, 4769)
6598 (6488, 5696)	6625 (6510, 1417)	6652 (6538, 5238)
6599 (6489, 704)	6626 (6510, 8590)	6653 (6539, 3845)
6600 (6489, 9303)	6627 (6511, 2460)	6654 (6539, 6162)
6601 (6490, 4073)	6628 (6511, 7547)	6655 (6540, 4051)
6602 (6490, 5934)	6629 (6518, 2254)	6656 (6540, 5956)
6603 (6491, 435)	6630 (6518, 7753)	6657 (6541, 4566)
6604 (6491, 9572)	6631 (6519, 1331)	6658 (6541, 5441)
6605 (6492, 1988)	6632 (6519, 8676)	6659 (6544, 611)
6606 (6492, 8019)	6633 (6520, 3265)	6660 (6544, 9396)
6607 (6493, 877)	6634 (6520, 6742)	6661 (6545, 68)
6608 (6493, 9130)	6635 (6522, 187)	6662 (6545, 9939)
6609 (6494, 3241)	6636 (6522, 9820)	6663 (6546, 3769)
6610 (6494, 6766)	6637 (6524, 4386)	6664 (6546, 6238)
6611 (6495, 2912)	6638 (6524, 5621)	6665 (6547, 2315)
6612 (6495, 7095)	6639 (6526, 848)	6666 (6547, 7692)

6667 (6549, 3225)	6694 (6578, 8328)	6721 (6601, 1490)
6668 (6549, 6782)	6695 (6581, 3854)	6722 (6601, 8517)
6669 (6551, 2057)	6696 (6581, 6153)	6723 (6602, 2704)
6670 (6551, 7950)	6697 (6585, 735)	6724 (6602, 7303)
6671 (6555, 3514)	6698 (6585, 9272)	6725 (6603, 2366)
6672 (6555, 6493)	6699 (6586, 1472)	6726 (6603, 7641)
6673 (6557, 4575)	6700 (6586, 8535)	6727 (6605, 1637)
6674 (6557, 5432)	6701 (6587, 4180)	6728 (6605, 8370)
6675 (6558, 329)	6702 (6587, 5827)	6729 (6606, 65)
6676 (6558, 9678)	6703 (6588, 1699)	6730 (6606, 9942)
6677 (6559, 1308)	6704 (6588, 8308)	6731 (6607, 1030)
6678 (6559, 8699)	6705 (6590, 3872)	6732 (6607, 8977)
6679 (6561, 3775)	6706 (6590, 6135)	6733 (6608, 4752)
6680 (6561, 6232)	6707 (6592, 811)	6734 (6608, 5255)
6681 (6562, 3138)	6708 (6592, 9196)	6735 (6610, 1873)
6682 (6562, 6869)	6709 (6593, 1304)	6736 (6610, 8134)
6683 (6563, 547)	6710 (6593, 8703)	6737 (6611, 2316)
6684 (6563, 9460)	6711 (6595, 776)	6738 (6611, 7691)
6685 (6565, 3353)	6712 (6595, 9231)	6739 (6612, 2293)
6686 (6565, 6654)	6713 (6596, 709)	6740 (6612, 7714)
6687 (6571, 4158)	6714 (6596, 9298)	6741 (6613, 631)
6688 (6571, 5849)	6715 (6597, 1966)	6742 (6613, 9376)
6689 (6573, 52)	6716 (6597, 8041)	6743 (6615, 2034)
6690 (6573, 9955)	6717 (6599, 2529)	6744 (6615, 7973)
6691 (6575, 1152)	6718 (6599, 7478)	6745 (6617, 3891)
6692 (6575, 8855)	6719 (6600, 1105)	6746 (6617, 6116)
6693 (6578, 1679)	6720 (6600, 8902)	6747 (6618, 2803)

6748 (6618, 7204)	6775 (6642, 1157)	6802 (6663, 9827)
6749 (6625, 2356)	6776 (6642, 8850)	6803 (6666, 53)
6750 (6625, 7651)	6777 (6643, 4386)	6804 (6666, 9954)
6751 (6626, 2606)	6778 (6643, 5621)	6805 (6667, 4751)
6752 (6626, 7401)	6779 (6644, 4583)	6806 (6667, 5256)
6753 (6627, 2644)	6780 (6644, 5424)	6807 (6672, 1807)
6754 (6627, 7363)	6781 (6645, 3320)	6808 (6672, 8200)
6755 (6629, 3898)	6782 (6645, 6687)	6809 (6673, 3131)
6756 (6629, 6109)	6783 (6646, 5)	6810 (6673, 6876)
6757 (6630, 2718)	6784 (6646, 10002)	6811 (6674, 1386)
6758 (6630, 7289)	6785 (6647, 957)	6812 (6674, 8621)
6759 (6631, 2826)	6786 (6647, 9050)	6813 (6676, 4941)
6760 (6631, 7181)	6787 (6649, 4521)	6814 (6676, 5066)
6761 (6632, 1559)	6788 (6649, 5486)	6815 (6677, 4284)
6762 (6632, 8448)	6789 (6650, 2028)	6816 (6677, 5723)
6763 (6633, 2265)	6790 (6650, 7979)	6817 (6680, 2688)
6764 (6633, 7742)	6791 (6651, 4064)	6818 (6680, 7319)
6765 (6634, 2034)	6792 (6651, 5943)	6819 (6681, 1832)
6766 (6634, 7973)	6793 (6652, 3847)	6820 (6681, 8175)
6767 (6635, 2176)	6794 (6652, 6160)	6821 (6682, 910)
6768 (6635, 7831)	6795 (6654, 4433)	6822 (6682, 9097)
6769 (6638, 439)	6796 (6654, 5574)	6823 (6683, 1996)
6770 (6638, 9568)	6797 (6658, 2853)	6824 (6683, 8011)
6771 (6640, 4564)	6798 (6658, 7154)	6825 (6687, 2423)
6772 (6640, 5443)	6799 (6659, 1081)	6826 (6687, 7584)
6773 (6641, 438)	6800 (6659, 8926)	6827 (6691, 1551)
6774 (6641, 9569)	6801 (6663, 180)	6828 (6691, 8456)

6829 (6693, 4978)	6856 (6718, 8894)	6883 (6738, 3109)
6830 (6693, 5029)	6857 (6719, 1523)	6884 (6738, 6898)
6831 (6694, 1844)	6858 (6719, 8484)	6885 (6739, 3577)
6832 (6694, 8163)	6859 (6720, 4928)	6886 (6739, 6430)
6833 (6695, 1829)	6860 (6720, 5079)	6887 (6743, 2770)
6834 (6695, 8178)	6861 (6721, 1625)	6888 (6743, 7237)
6835 (6697, 4757)	6862 (6721, 8382)	6889 (6744, 3495)
6836 (6697, 5250)	6863 (6722, 700)	6890 (6744, 6512)
6837 (6700, 141)	6864 (6722, 9307)	6891 (6751, 4644)
6838 (6700, 9866)	6865 (6723, 29)	6892 (6751, 5363)
6839 (6703, 4206)	6866 (6723, 9978)	6893 (6752, 233)
6840 (6703, 5801)	6867 (6726, 2921)	6894 (6752, 9774)
6841 (6706, 3322)	6868 (6726, 7086)	6895 (6756, 800)
6842 (6706, 6685)	6869 (6727, 2446)	6896 (6756, 9207)
6843 (6707, 579)	6870 (6727, 7561)	6897 (6757, 157)
6844 (6707, 9428)	6871 (6728, 4055)	6898 (6757, 9850)
6845 (6708, 559)	6872 (6728, 5952)	6899 (6758, 15)
6846 (6708, 9448)	6873 (6729, 2195)	6900 (6758, 9992)
6847 (6710, 2354)	6874 (6729, 7812)	6901 (6761, 4270)
6848 (6710, 7653)	6875 (6730, 1449)	6902 (6761, 5737)
6849 (6711, 4890)	6876 (6730, 8558)	6903 (6764, 4260)
6850 (6711, 5117)	6877 (6731, 1069)	6904 (6764, 5747)
6851 (6714, 25)	6878 (6731, 8938)	6905 (6765, 2034)
6852 (6714, 9982)	6879 (6732, 4820)	6906 (6765, 7973)
6853 (6716, 927)	6880 (6732, 5187)	6907 (6766, 4522)
6854 (6716, 9080)	6881 (6737, 783)	6908 (6766, 5485)
6855 (6718, 1113)	6882 (6737, 9224)	6909 (6769, 786)

6910 (6769, 9221)	6937 (6791, 4484)	6964 (6816, 6177)
6911 (6770, 1277)	6938 (6791, 5523)	6965 (6820, 2436)
6912 (6770, 8730)	6939 (6792, 4924)	6966 (6820, 7571)
6913 (6771, 229)	6940 (6792, 5083)	6967 (6821, 1919)
6914 (6771, 9778)	6941 (6793, 3906)	6968 (6821, 8088)
6915 (6773, 4548)	6942 (6793, 6101)	6969 (6822, 2519)
6916 (6773, 5459)	6943 (6794, 4856)	6970 (6822, 7488)
6917 (6775, 1342)	6944 (6794, 5151)	6971 (6823, 1313)
6918 (6775, 8665)	6945 (6796, 1943)	6972 (6823, 8694)
6919 (6776, 2402)	6946 (6796, 8064)	6973 (6824, 4287)
6920 (6776, 7605)	6947 (6800, 4251)	6974 (6824, 5720)
6921 (6778, 3555)	6948 (6800, 5756)	6975 (6825, 1063)
6922 (6778, 6452)	6949 (6801, 1021)	6976 (6825, 8944)
6923 (6779, 1670)	6950 (6801, 8986)	6977 (6832, 1141)
6924 (6779, 8337)	6951 (6804, 191)	6978 (6832, 8866)
6925 (6780, 993)	6952 (6804, 9816)	6979 (6840, 4238)
6926 (6780, 9014)	6953 (6807, 3905)	6980 (6840, 5769)
6927 (6782, 3606)	6954 (6807, 6102)	6981 (6842, 1688)
6928 (6782, 6401)	6955 (6808, 2047)	6982 (6842, 8319)
6929 (6784, 3424)	6956 (6808, 7960)	6983 (6845, 2165)
6930 (6784, 6583)	6957 (6810, 2546)	6984 (6845, 7842)
6931 (6785, 999)	6958 (6810, 7461)	6985 (6847, 4386)
6932 (6785, 9008)	6959 (6811, 4264)	6986 (6847, 5621)
6933 (6787, 2455)	6960 (6811, 5743)	6987 (6848, 693)
6934 (6787, 7552)	6961 (6814, 2852)	6988 (6848, 9314)
6935 (6788, 719)	6962 (6814, 7155)	6989 (6850, 496)
6936 (6788, 9288)	6963 (6816, 3830)	6990 (6850, 9511)

6991 (6852, 2227)	7018 (6871, 7486)	7045 (6896, 2769)
6992 (6852, 7780)	7019 (6872, 644)	7046 (6896, 7238)
6993 (6853, 2719)	7020 (6872, 9363)	7047 (6902, 3963)
6994 (6853, 7288)	7021 (6873, 2045)	7048 (6902, 6044)
6995 (6854, 749)	7022 (6873, 7962)	7049 (6904, 2946)
6996 (6854, 9258)	7023 (6876, 1213)	7050 (6904, 7061)
6997 (6856, 1983)	7024 (6876, 8794)	7051 (6908, 1830)
6998 (6856, 8024)	7025 (6877, 2346)	7052 (6908, 8177)
6999 (6857, 4301)	7026 (6877, 7661)	7053 (6911, 963)
7000 (6857, 5706)	7027 (6878, 2501)	7054 (6911, 9044)
7001 (6858, 868)	7028 (6878, 7506)	7055 (6913, 2495)
7002 (6858, 9139)	7029 (6881, 3767)	7056 (6913, 7512)
7003 (6863, 3570)	7030 (6881, 6240)	7057 (6914, 3429)
7004 (6863, 6437)	7031 (6885, 1582)	7058 (6914, 6578)
7005 (6864, 1158)	7032 (6885, 8425)	7059 (6915, 4334)
7006 (6864, 8849)	7033 (6887, 2349)	7060 (6915, 5673)
7007 (6866, 3490)	7034 (6887, 7658)	7061 (6916, 4657)
7008 (6866, 6517)	7035 (6888, 1822)	7062 (6916, 5350)
7009 (6867, 1323)	7036 (6888, 8185)	7063 (6917, 1130)
7010 (6867, 8684)	7037 (6889, 4318)	7064 (6917, 8877)
7011 (6868, 2417)	7038 (6889, 5689)	7065 (6919, 1191)
7012 (6868, 7590)	7039 (6890, 3252)	7066 (6919, 8816)
7013 (6869, 4664)	7040 (6890, 6755)	7067 (6925, 2994)
7014 (6869, 5343)	7041 (6891, 1047)	7068 (6925, 7013)
7015 (6870, 298)	7042 (6891, 8960)	7069 (6927, 462)
7016 (6870, 9709)	7043 (6895, 932)	7070 (6927, 9545)
7017 (6871, 2521)	7044 (6895, 9075)	7071 (6930, 1029)

7072 (6930, 8978)	7099 (6953, 3593)	7126 (6981, 8155)
7073 (6933, 1539)	7100 (6953, 6414)	7127 (6982, 2348)
7074 (6933, 8468)	7101 (6956, 268)	7128 (6982, 7659)
7075 (6936, 600)	7102 (6956, 9739)	7129 (6984, 3398)
7076 (6936, 9407)	7103 (6958, 4748)	7130 (6984, 6609)
7077 (6937, 1933)	7104 (6958, 5259)	7131 (6986, 4260)
7078 (6937, 8074)	7105 (6960, 4349)	7132 (6986, 5747)
7079 (6938, 2861)	7106 (6960, 5658)	7133 (6988, 138)
7080 (6938, 7146)	7107 (6961, 1699)	7134 (6988, 9869)
7081 (6939, 1876)	7108 (6961, 8308)	7135 (6992, 2801)
7082 (6939, 8131)	7109 (6963, 1144)	7136 (6992, 7206)
7083 (6941, 128)	7110 (6963, 8863)	7137 (6996, 249)
7084 (6941, 9879)	7111 (6964, 3462)	7138 (6996, 9758)
7085 (6942, 1965)	7112 (6964, 6545)	7139 (6997, 3837)
7086 (6942, 8042)	7113 (6965, 4488)	7140 (6997, 6170)
7087 (6944, 865)	7114 (6965, 5519)	7141 (6999, 4746)
7088 (6944, 9142)	7115 (6968, 3046)	7142 (6999, 5261)
7089 (6945, 1125)	7116 (6968, 6961)	7143 (7000, 4954)
7090 (6945, 8882)	7117 (6974, 4293)	7144 (7000, 5053)
7091 (6946, 1206)	7118 (6974, 5714)	7145 (7004, 4620)
7092 (6946, 8801)	7119 (6977, 4662)	7146 (7004, 5387)
7093 (6947, 3387)	7120 (6977, 5345)	7147 (7005, 3773)
7094 (6947, 6620)	7121 (6978, 153)	7148 (7005, 6234)
7095 (6949, 3900)	7122 (6978, 9854)	7149 (7007, 3239)
7096 (6949, 6107)	7123 (6980, 747)	7150 (7007, 6768)
7097 (6952, 1665)	7124 (6980, 9260)	7151 (7009, 4871)
7098 (6952, 8342)	7125 (6981, 1852)	7152 (7009, 5136)

7153 (7010, 2427)	7180 (7033, 5815)	7207 (7059, 1994)
7154 (7010, 7580)	7181 (7036, 2076)	7208 (7059, 8013)
7155 (7011, 1696)	7182 (7036, 7931)	7209 (7060, 398)
7156 (7011, 8311)	7183 (7038, 4521)	7210 (7060, 9609)
7157 (7013, 1841)	7184 (7038, 5486)	7211 (7061, 4625)
7158 (7013, 8166)	7185 (7039, 3894)	7212 (7061, 5382)
7159 (7014, 901)	7186 (7039, 6113)	7213 (7063, 4416)
7160 (7014, 9106)	7187 (7040, 4429)	7214 (7063, 5591)
7161 (7015, 4140)	7188 (7040, 5578)	7215 (7064, 1707)
7162 (7015, 5867)	7189 (7041, 4776)	7216 (7064, 8300)
7163 (7019, 232)	7190 (7041, 5231)	7217 (7065, 4157)
7164 (7019, 9775)	7191 (7044, 2668)	7218 (7065, 5850)
7165 (7020, 375)	7192 (7044, 7339)	7219 (7069, 1233)
7166 (7020, 9632)	7193 (7045, 1239)	7220 (7069, 8774)
7167 (7023, 4778)	7194 (7045, 8768)	7221 (7070, 3436)
7168 (7023, 5229)	7195 (7046, 2878)	7222 (7070, 6571)
7169 (7024, 1456)	7196 (7046, 7129)	7223 (7071, 4507)
7170 (7024, 8551)	7197 (7049, 3263)	7224 (7071, 5500)
7171 (7026, 4734)	7198 (7049, 6744)	7225 (7072, 4759)
7172 (7026, 5273)	7199 (7052, 1189)	7226 (7072, 5248)
7173 (7028, 2434)	7200 (7052, 8818)	7227 (7075, 4408)
7174 (7028, 7573)	7201 (7053, 3046)	7228 (7075, 5599)
7175 (7030, 2617)	7202 (7053, 6961)	7229 (7076, 4810)
7176 (7030, 7390)	7203 (7056, 2630)	7230 (7076, 5197)
7177 (7031, 253)	7204 (7056, 7377)	7231 (7078, 4209)
7178 (7031, 9754)	7205 (7057, 2981)	7232 (7078, 5798)
7179 (7033, 4192)	7206 (7057, 7026)	7233 (7080, 1248)

7234 (7080, 8759)	7261 (7110, 2300)	7288 (7141, 7731)
7235 (7081, 4644)	7262 (7110, 7707)	7289 (7142, 4903)
7236 (7081, 5363)	7263 (7111, 3343)	7290 (7142, 5104)
7237 (7087, 495)	7264 (7111, 6664)	7291 (7146, 2135)
7238 (7087, 9512)	7265 (7112, 4906)	7292 (7146, 7872)
7239 (7088, 2544)	7266 (7112, 5101)	7293 (7152, 3689)
7240 (7088, 7463)	7267 (7115, 2976)	7294 (7152, 6318)
7241 (7091, 4691)	7268 (7115, 7031)	7295 (7153, 2200)
7242 (7091, 5316)	7269 (7118, 3140)	7296 (7153, 7807)
7243 (7092, 4803)	7270 (7118, 6867)	7297 (7154, 2100)
7244 (7092, 5204)	7271 (7120, 4515)	7298 (7154, 7907)
7245 (7095, 160)	7272 (7120, 5492)	7299 (7159, 4155)
7246 (7095, 9847)	7273 (7125, 411)	7300 (7159, 5852)
7247 (7096, 3313)	7274 (7125, 9596)	7301 (7161, 3448)
7248 (7096, 6694)	7275 (7126, 813)	7302 (7161, 6559)
7249 (7100, 3350)	7276 (7126, 9194)	7303 (7162, 155)
7250 (7100, 6657)	7277 (7130, 543)	7304 (7162, 9852)
7251 (7101, 142)	7278 (7130, 9464)	7305 (7163, 4349)
7252 (7101, 9865)	7279 (7133, 2045)	7306 (7163, 5658)
7253 (7103, 3481)	7280 (7133, 7962)	7307 (7164, 9)
7254 (7103, 6526)	7281 (7135, 1269)	7308 (7164, 9998)
7255 (7104, 3850)	7282 (7135, 8738)	7309 (7165, 1036)
7256 (7104, 6157)	7283 (7136, 916)	7310 (7165, 8971)
7257 (7106, 1139)	7284 (7136, 9091)	7311 (7167, 4794)
7258 (7106, 8868)	7285 (7140, 2798)	7312 (7167, 5213)
7259 (7107, 3566)	7286 (7140, 7209)	7313 (7168, 3417)
7260 (7107, 6441)	7287 (7141, 2276)	7314 (7168, 6590)

7315 (7169, 2630)	7342 (7202, 5233)	7369 (7222, 2155)
7316 (7169, 7377)	7343 (7203, 946)	7370 (7222, 7852)
7317 (7174, 3784)	7344 (7203, 9061)	7371 (7229, 854)
7318 (7174, 6223)	7345 (7205, 3069)	7372 (7229, 9153)
7319 (7175, 1582)	7346 (7205, 6938)	7373 (7231, 545)
7320 (7175, 8425)	7347 (7207, 627)	7374 (7231, 9462)
7321 (7176, 4666)	7348 (7207, 9380)	7375 (7234, 4517)
7322 (7176, 5341)	7349 (7209, 1967)	7376 (7234, 5490)
7323 (7177, 3437)	7350 (7209, 8040)	7377 (7235, 586)
7324 (7177, 6570)	7351 (7211, 4986)	7378 (7235, 9421)
7325 (7179, 4724)	7352 (7211, 5021)	7379 (7236, 2141)
7326 (7179, 5283)	7353 (7212, 2089)	7380 (7236, 7866)
7327 (7181, 848)	7354 (7212, 7918)	7381 (7238, 2883)
7328 (7181, 9159)	7355 (7213, 3069)	7382 (7238, 7124)
7329 (7184, 1382)	7356 (7213, 6938)	7383 (7241, 519)
7330 (7184, 8625)	7357 (7215, 4136)	7384 (7241, 9488)
7331 (7189, 2251)	7358 (7215, 5871)	7385 (7242, 536)
7332 (7189, 7756)	7359 (7216, 553)	7386 (7242, 9471)
7333 (7191, 4446)	7360 (7216, 9454)	7387 (7244, 3564)
7334 (7191, 5561)	7361 (7217, 671)	7388 (7244, 6443)
7335 (7194, 3081)	7362 (7217, 9336)	7389 (7245, 1254)
7336 (7194, 6926)	7363 (7218, 684)	7390 (7245, 8753)
7337 (7197, 4293)	7364 (7218, 9323)	7391 (7247, 3355)
7338 (7197, 5714)	7365 (7219, 793)	7392 (7247, 6652)
7339 (7200, 4794)	7366 (7219, 9214)	7393 (7251, 4446)
7340 (7200, 5213)	7367 (7221, 4431)	7394 (7251, 5561)
7341 (7202, 4774)	7368 (7221, 5576)	7395 (7252, 2302)

7396 (7252, 7705)	7423 (7278, 4664)	7450 (7309, 7774)
7397 (7253, 955)	7424 (7278, 5343)	7451 (7310, 84)
7398 (7253, 9052)	7425 (7280, 2554)	7452 (7310, 9923)
7399 (7254, 3184)	7426 (7280, 7453)	7453 (7312, 4152)
7400 (7254, 6823)	7427 (7281, 452)	7454 (7312, 5855)
7401 (7255, 2636)	7428 (7281, 9555)	7455 (7313, 2233)
7402 (7255, 7371)	7429 (7284, 4370)	7456 (7313, 7774)
7403 (7256, 1973)	7430 (7284, 5637)	7457 (7314, 229)
7404 (7256, 8034)	7431 (7288, 1852)	7458 (7314, 9778)
7405 (7257, 4298)	7432 (7288, 8155)	7459 (7316, 3628)
7406 (7257, 5709)	7433 (7291, 1032)	7460 (7316, 6379)
7407 (7258, 1168)	7434 (7291, 8975)	7461 (7317, 803)
7408 (7258, 8839)	7435 (7292, 2503)	7462 (7317, 9204)
7409 (7260, 175)	7436 (7292, 7504)	7463 (7320, 3984)
7410 (7260, 9832)	7437 (7300, 1838)	7464 (7320, 6023)
7411 (7263, 4642)	7438 (7300, 8169)	7465 (7322, 1456)
7412 (7263, 5365)	7439 (7301, 355)	7466 (7322, 8551)
7413 (7267, 2041)	7440 (7301, 9652)	7467 (7324, 4741)
7414 (7267, 7966)	7441 (7302, 889)	7468 (7324, 5266)
7415 (7269, 3968)	7442 (7302, 9118)	7469 (7325, 1444)
7416 (7269, 6039)	7443 (7304, 1559)	7470 (7325, 8563)
7417 (7270, 2)	7444 (7304, 8448)	7471 (7326, 4810)
7418 (7270, 10005)	7445 (7307, 4698)	7472 (7326, 5197)
7419 (7273, 985)	7446 (7307, 5309)	7473 (7329, 47)
7420 (7273, 9022)	7447 (7308, 1282)	7474 (7329, 9960)
7421 (7275, 857)	7448 (7308, 8725)	7475 (7330, 307)
7422 (7275, 9150)	7449 (7309, 2233)	7476 (7330, 9700)

7477 (7331, 1145)	7504 (7354, 6256)	7531 (7379, 3027)
7478 (7331, 8862)	7505 (7355, 3116)	7532 (7379, 6980)
7479 (7334, 2884)	7506 (7355, 6891)	7533 (7380, 404)
7480 (7334, 7123)	7507 (7358, 682)	7534 (7380, 9603)
7481 (7335, 4054)	7508 (7358, 9325)	7535 (7381, 2561)
7482 (7335, 5953)	7509 (7360, 2536)	7536 (7381, 7446)
7483 (7338, 3116)	7510 (7360, 7471)	7537 (7382, 1874)
7484 (7338, 6891)	7511 (7361, 731)	7538 (7382, 8133)
7485 (7340, 3023)	7512 (7361, 9276)	7539 (7385, 2089)
7486 (7340, 6984)	7513 (7362, 2012)	7540 (7385, 7918)
7487 (7341, 508)	7514 (7362, 7995)	7541 (7386, 3585)
7488 (7341, 9499)	7515 (7364, 3054)	7542 (7386, 6422)
7489 (7342, 1536)	7516 (7364, 6953)	7543 (7388, 4505)
7490 (7342, 8471)	7517 (7365, 1235)	7544 (7388, 5502)
7491 (7344, 3531)	7518 (7365, 8772)	7545 (7393, 1368)
7492 (7344, 6476)	7519 (7367, 3450)	7546 (7393, 8639)
7493 (7345, 3955)	7520 (7367, 6557)	7547 (7394, 1228)
7494 (7345, 6052)	7521 (7368, 2920)	7548 (7394, 8779)
7495 (7346, 1076)	7522 (7368, 7087)	7549 (7395, 3104)
7496 (7346, 8931)	7523 (7369, 3280)	7550 (7395, 6903)
7497 (7349, 1249)	7524 (7369, 6727)	7551 (7397, 3935)
7498 (7349, 8758)	7525 (7375, 1632)	7552 (7397, 6072)
7499 (7350, 1205)	7526 (7375, 8375)	7553 (7400, 4517)
7500 (7350, 8802)	7527 (7376, 1250)	7554 (7400, 5490)
7501 (7351, 3475)	7528 (7376, 8757)	7555 (7401, 2476)
7502 (7351, 6532)	7529 (7378, 3066)	7556 (7401, 7531)
7503 (7354, 3751)	7530 (7378, 6941)	7557 (7404, 2563)

7558 (7404, 7444)	7585 (7432, 991)	7612 (7468, 9450)
7559 (7408, 2084)	7586 (7432, 9016)	7613 (7469, 4478)
7560 (7408, 7923)	7587 (7434, 1819)	7614 (7469, 5529)
7561 (7409, 250)	7588 (7434, 8188)	7615 (7472, 1966)
7562 (7409, 9757)	7589 (7441, 1916)	7616 (7472, 8041)
7563 (7410, 1418)	7590 (7441, 8091)	7617 (7473, 4871)
7564 (7410, 8589)	7591 (7442, 4099)	7618 (7473, 5136)
7565 (7411, 1686)	7592 (7442, 5908)	7619 (7474, 4143)
7566 (7411, 8321)	7593 (7445, 541)	7620 (7474, 5864)
7567 (7414, 3336)	7594 (7445, 9466)	7621 (7476, 3181)
7568 (7414, 6671)	7595 (7448, 311)	7622 (7476, 6826)
7569 (7416, 1979)	7596 (7448, 9696)	7623 (7479, 942)
7570 (7416, 8028)	7597 (7449, 4913)	7624 (7479, 9065)
7571 (7417, 1234)	7598 (7449, 5094)	7625 (7481, 3279)
7572 (7417, 8773)	7599 (7451, 3940)	7626 (7481, 6728)
7573 (7418, 119)	7600 (7451, 6067)	7627 (7484, 4039)
7574 (7418, 9888)	7601 (7455, 4901)	7628 (7484, 5968)
7575 (7419, 33)	7602 (7455, 5106)	7629 (7486, 2899)
7576 (7419, 9974)	7603 (7459, 3310)	7630 (7486, 7108)
7577 (7420, 4862)	7604 (7459, 6697)	7631 (7487, 3858)
7578 (7420, 5145)	7605 (7464, 4038)	7632 (7487, 6149)
7579 (7428, 2400)	7606 (7464, 5969)	7633 (7489, 3891)
7580 (7428, 7607)	7607 (7465, 153)	7634 (7489, 6116)
7581 (7430, 1116)	7608 (7465, 9854)	7635 (7493, 574)
7582 (7430, 8891)	7609 (7467, 1746)	7636 (7493, 9433)
7583 (7431, 2802)	7610 (7467, 8261)	7637 (7496, 4054)
7584 (7431, 7205)	7611 (7468, 557)	7638 (7496, 5953)

7639 (7498, 2546)	7666 (7518, 7067)	7693 (7542, 1767)
7640 (7498, 7461)	7667 (7519, 250)	7694 (7542, 8240)
7641 (7499, 2146)	7668 (7519, 9757)	7695 (7544, 364)
7642 (7499, 7861)	7669 (7520, 1742)	7696 (7544, 9643)
7643 (7500, 2471)	7670 (7520, 8265)	7697 (7546, 431)
7644 (7500, 7536)	7671 (7522, 3630)	7698 (7546, 9576)
7645 (7501, 2177)	7672 (7522, 6377)	7699 (7547, 752)
7646 (7501, 7830)	7673 (7524, 891)	7700 (7547, 9255)
7647 (7502, 525)	7674 (7524, 9116)	7701 (7548, 4035)
7648 (7502, 9482)	7675 (7527, 4683)	7702 (7548, 5972)
7649 (7505, 2893)	7676 (7527, 5324)	7703 (7549, 4764)
7650 (7505, 7114)	7677 (7529, 1739)	7704 (7549, 5243)
7651 (7506, 2370)	7678 (7529, 8268)	7705 (7551, 3456)
7652 (7506, 7637)	7679 (7532, 3280)	7706 (7551, 6551)
7653 (7508, 942)	7680 (7532, 6727)	7707 (7552, 2048)
7654 (7508, 9065)	7681 (7533, 1014)	7708 (7552, 7959)
7655 (7509, 3342)	7682 (7533, 8993)	7709 (7554, 2969)
7656 (7509, 6665)	7683 (7534, 574)	7710 (7554, 7038)
7657 (7510, 928)	7684 (7534, 9433)	7711 (7555, 1727)
7658 (7510, 9079)	7685 (7536, 1360)	7712 (7555, 8280)
7659 (7511, 3126)	7686 (7536, 8647)	7713 (7556, 4084)
7660 (7511, 6881)	7687 (7538, 2390)	7714 (7556, 5923)
7661 (7514, 4450)	7688 (7538, 7617)	7715 (7560, 3358)
7662 (7514, 5557)	7689 (7539, 1977)	7716 (7560, 6649)
7663 (7516, 3148)	7690 (7539, 8030)	7717 (7563, 3939)
7664 (7516, 6859)	7691 (7540, 3538)	7718 (7563, 6068)
7665 (7518, 2940)	7692 (7540, 6469)	7719 (7566, 1225)

7720 (7566, 8782)	7747 (7594, 2200)	7774 (7615, 7213)
7721 (7567, 4600)	7748 (7594, 7807)	7775 (7618, 3216)
7722 (7567, 5407)	7749 (7596, 4046)	7776 (7618, 6791)
7723 (7570, 2441)	7750 (7596, 5961)	7777 (7621, 1524)
7724 (7570, 7566)	7751 (7597, 1122)	7778 (7621, 8483)
7725 (7572, 731)	7752 (7597, 8885)	7779 (7622, 2574)
7726 (7572, 9276)	7753 (7604, 4094)	7780 (7622, 7433)
7727 (7573, 1365)	7754 (7604, 5913)	7781 (7623, 3505)
7728 (7573, 8642)	7755 (7605, 3988)	7782 (7623, 6502)
7729 (7576, 1095)	7756 (7605, 6019)	7783 (7626, 4636)
7730 (7576, 8912)	7757 (7606, 862)	7784 (7626, 5371)
7731 (7578, 53)	7758 (7606, 9145)	7785 (7627, 668)
7732 (7578, 9954)	7759 (7607, 3488)	7786 (7627, 9339)
7733 (7580, 519)	7760 (7607, 6519)	7787 (7629, 4725)
7734 (7580, 9488)	7761 (7608, 2554)	7788 (7629, 5282)
7735 (7583, 98)	7762 (7608, 7453)	7789 (7630, 1558)
7736 (7583, 9909)	7763 (7609, 1147)	7790 (7630, 8449)
7737 (7584, 1990)	7764 (7609, 8860)	7791 (7632, 2791)
7738 (7584, 8017)	7765 (7611, 2791)	7792 (7632, 7216)
7739 (7585, 3031)	7766 (7611, 7216)	7793 (7637, 4239)
7740 (7585, 6976)	7767 (7612, 4769)	7794 (7637, 5768)
7741 (7586, 2079)	7768 (7612, 5238)	7795 (7639, 2676)
7742 (7586, 7928)	7769 (7613, 3459)	7796 (7639, 7331)
7743 (7590, 3569)	7770 (7613, 6548)	7797 (7641, 4415)
7744 (7590, 6438)	7771 (7614, 584)	7798 (7641, 5592)
7745 (7593, 533)	7772 (7614, 9423)	7799 (7642, 1515)
7746 (7593, 9474)	7773 (7615, 2794)	7800 (7642, 8492)

7801 (7644, 4236)	7828 (7675, 9594)	7855 (7701, 370)
7802 (7644, 5771)	7829 (7676, 963)	7856 (7701, 9637)
7803 (7645, 3259)	7830 (7676, 9044)	7857 (7703, 3245)
7804 (7645, 6748)	7831 (7680, 879)	7858 (7703, 6762)
7805 (7649, 2609)	7832 (7680, 9128)	7859 (7704, 4458)
7806 (7649, 7398)	7833 (7681, 599)	7860 (7704, 5549)
7807 (7650, 1832)	7834 (7681, 9408)	7861 (7706, 270)
7808 (7650, 8175)	7835 (7682, 318)	7862 (7706, 9737)
7809 (7653, 4221)	7836 (7682, 9689)	7863 (7708, 2660)
7810 (7653, 5786)	7837 (7688, 3617)	7864 (7708, 7347)
7811 (7660, 711)	7838 (7688, 6390)	7865 (7709, 1463)
7812 (7660, 9296)	7839 (7689, 2591)	7866 (7709, 8544)
7813 (7663, 961)	7840 (7689, 7416)	7867 (7710, 4778)
7814 (7663, 9046)	7841 (7690, 2122)	7868 (7710, 5229)
7815 (7665, 2957)	7842 (7690, 7885)	7869 (7718, 392)
7816 (7665, 7050)	7843 (7691, 1661)	7870 (7718, 9615)
7817 (7667, 4063)	7844 (7691, 8346)	7871 (7719, 4895)
7818 (7667, 5944)	7845 (7692, 1677)	7872 (7719, 5112)
7819 (7668, 234)	7846 (7692, 8330)	7873 (7720, 4204)
7820 (7668, 9773)	7847 (7693, 872)	7874 (7720, 5803)
7821 (7670, 2008)	7848 (7693, 9135)	7875 (7721, 4136)
7822 (7670, 7999)	7849 (7694, 4949)	7876 (7721, 5871)
7823 (7671, 637)	7850 (7694, 5058)	7877 (7722, 4196)
7824 (7671, 9370)	7851 (7696, 2211)	7878 (7722, 5811)
7825 (7674, 3759)	7852 (7696, 7796)	7879 (7723, 4537)
7826 (7674, 6248)	7853 (7698, 2942)	7880 (7723, 5470)
7827 (7675, 413)	7854 (7698, 7065)	7881 (7724, 2355)

7882 (7724, 7652)	7909 (7745, 515)	7936 (7768, 7991)
7883 (7725, 2499)	7910 (7745, 9492)	7937 (7769, 3661)
7884 (7725, 7508)	7911 (7747, 2528)	7938 (7769, 6346)
7885 (7726, 1791)	7912 (7747, 7479)	7939 (7770, 4524)
7886 (7726, 8216)	7913 (7751, 3131)	7940 (7770, 5483)
7887 (7728, 809)	7914 (7751, 6876)	7941 (7771, 1643)
7888 (7728, 9198)	7915 (7754, 1828)	7942 (7771, 8364)
7889 (7730, 2550)	7916 (7754, 8179)	7943 (7772, 1572)
7890 (7730, 7457)	7917 (7756, 1126)	7944 (7772, 8435)
7891 (7731, 2975)	7918 (7756, 8881)	7945 (7774, 2551)
7892 (7731, 7032)	7919 (7757, 1429)	7946 (7774, 7456)
7893 (7732, 2836)	7920 (7757, 8578)	7947 (7775, 2269)
7894 (7732, 7171)	7921 (7758, 470)	7948 (7775, 7738)
7895 (7734, 1626)	7922 (7758, 9537)	7949 (7776, 152)
7896 (7734, 8381)	7923 (7759, 4391)	7950 (7776, 9855)
7897 (7738, 4929)	7924 (7759, 5616)	7951 (7778, 2164)
7898 (7738, 5078)	7925 (7760, 448)	7952 (7778, 7843)
7899 (7739, 4564)	7926 (7760, 9559)	7953 (7779, 3328)
7900 (7739, 5443)	7927 (7762, 2326)	7954 (7779, 6679)
7901 (7740, 608)	7928 (7762, 7681)	7955 (7780, 3926)
7902 (7740, 9399)	7929 (7763, 663)	7956 (7780, 6081)
7903 (7741, 2774)	7930 (7763, 9344)	7957 (7784, 4925)
7904 (7741, 7233)	7931 (7765, 3071)	7958 (7784, 5082)
7905 (7742, 2474)	7932 (7765, 6936)	7959 (7786, 1845)
7906 (7742, 7533)	7933 (7767, 2289)	7960 (7786, 8162)
7907 (7743, 2103)	7934 (7767, 7718)	7961 (7794, 2738)
7908 (7743, 7904)	7935 (7768, 2016)	7962 (7794, 7269)

7963 (7797, 2750)	7990 (7824, 6707)	8017 (7857, 3925)
7964 (7797, 7257)	7991 (7825, 4387)	8018 (7857, 6082)
7965 (7798, 1454)	7992 (7825, 5620)	8019 (7859, 4775)
7966 (7798, 8553)	7993 (7826, 3229)	8020 (7859, 5232)
7967 (7801, 3101)	7994 (7826, 6778)	8021 (7861, 114)
7968 (7801, 6906)	7995 (7830, 4946)	8022 (7861, 9893)
7969 (7804, 3196)	7996 (7830, 5061)	8023 (7862, 3444)
7970 (7804, 6811)	7997 (7834, 1666)	8024 (7862, 6563)
7971 (7806, 600)	7998 (7834, 8341)	8025 (7864, 63)
7972 (7806, 9407)	7999 (7837, 757)	8026 (7864, 9944)
7973 (7807, 2478)	8000 (7837, 9250)	8027 (7865, 2186)
7974 (7807, 7529)	8001 (7840, 1928)	8028 (7865, 7821)
7975 (7809, 4647)	8002 (7840, 8079)	8029 (7867, 2136)
7976 (7809, 5360)	8003 (7847, 36)	8030 (7867, 7871)
7977 (7812, 4217)	8004 (7847, 9971)	8031 (7868, 3554)
7978 (7812, 5790)	8005 (7849, 2230)	8032 (7868, 6453)
7979 (7813, 639)	8006 (7849, 7777)	8033 (7870, 3923)
7980 (7813, 9368)	8007 (7851, 1865)	8034 (7870, 6084)
7981 (7817, 3694)	8008 (7851, 8142)	8035 (7876, 1155)
7982 (7817, 6313)	8009 (7852, 1928)	8036 (7876, 8852)
7983 (7818, 2548)	8010 (7852, 8079)	8037 (7877, 1209)
7984 (7818, 7459)	8011 (7853, 3497)	8038 (7877, 8798)
7985 (7819, 3616)	8012 (7853, 6510)	8039 (7880, 2759)
7986 (7819, 6391)	8013 (7855, 1111)	8040 (7880, 7248)
7987 (7821, 1263)	8014 (7855, 8896)	8041 (7882, 1326)
7988 (7821, 8744)	8015 (7856, 103)	8042 (7882, 8681)
7989 (7824, 3300)	8016 (7856, 9904)	8043 (7883, 3104)

8044 (7883, 6903)	8071 (7912, 112)	8098 (7940, 5688)
8045 (7885, 4262)	8072 (7912, 9895)	8099 (7941, 3988)
8046 (7885, 5745)	8073 (7913, 4295)	8100 (7941, 6019)
8047 (7887, 4626)	8074 (7913, 5712)	8101 (7943, 1035)
8048 (7887, 5381)	8075 (7914, 3409)	8102 (7943, 8972)
8049 (7888, 1531)	8076 (7914, 6598)	8103 (7944, 3698)
8050 (7888, 8476)	8077 (7915, 2913)	8104 (7944, 6309)
8051 (7891, 4663)	8078 (7915, 7094)	8105 (7946, 3995)
8052 (7891, 5344)	8079 (7917, 4491)	8106 (7946, 6012)
8053 (7892, 1420)	8080 (7917, 5516)	8107 (7947, 3525)
8054 (7892, 8587)	8081 (7922, 2594)	8108 (7947, 6482)
8055 (7893, 2887)	8082 (7922, 7413)	8109 (7948, 3033)
8056 (7893, 7120)	8083 (7923, 3886)	8110 (7948, 6974)
8057 (7894, 3114)	8084 (7923, 6121)	8111 (7950, 4300)
8058 (7894, 6893)	8085 (7924, 4856)	8112 (7950, 5707)
8059 (7895, 1300)	8086 (7924, 5151)	8113 (7951, 605)
8060 (7895, 8707)	8087 (7926, 3393)	8114 (7951, 9402)
8061 (7896, 2269)	8088 (7926, 6614)	8115 (7952, 3669)
8062 (7896, 7738)	8089 (7929, 1972)	8116 (7952, 6338)
8063 (7897, 3352)	8090 (7929, 8035)	8117 (7953, 2236)
8064 (7897, 6655)	8091 (7930, 925)	8118 (7953, 7771)
8065 (7903, 550)	8092 (7930, 9082)	8119 (7954, 662)
8066 (7903, 9457)	8093 (7933, 4052)	8120 (7954, 9345)
8067 (7904, 2421)	8094 (7933, 5955)	8121 (7955, 2460)
8068 (7904, 7586)	8095 (7934, 4563)	8122 (7955, 7547)
8069 (7905, 1229)	8096 (7934, 5444)	8123 (7956, 4309)
8070 (7905, 8778)	8097 (7940, 4319)	8124 (7956, 5698)

8125 (7957, 2281)	8152 (7981, 6517)	8179 (8010, 2149)
8126 (7957, 7726)	8153 (7982, 2519)	8180 (8010, 7858)
8127 (7958, 1790)	8154 (7982, 7488)	8181 (8012, 1412)
8128 (7958, 8217)	8155 (7986, 3835)	8182 (8012, 8595)
8129 (7959, 2264)	8156 (7986, 6172)	8183 (8020, 2231)
8130 (7959, 7743)	8157 (7987, 3202)	8184 (8020, 7776)
8131 (7960, 1820)	8158 (7987, 6805)	8185 (8023, 2710)
8132 (7960, 8187)	8159 (7992, 2940)	8186 (8023, 7297)
8133 (7962, 4840)	8160 (7992, 7067)	8187 (8024, 1437)
8134 (7962, 5167)	8161 (7994, 2999)	8188 (8024, 8570)
8135 (7963, 4230)	8162 (7994, 7008)	8189 (8025, 1203)
8136 (7963, 5777)	8163 (7995, 3655)	8190 (8025, 8804)
8137 (7965, 804)	8164 (7995, 6352)	8191 (8026, 2311)
8138 (7965, 9203)	8165 (7997, 989)	8192 (8026, 7696)
8139 (7967, 3214)	8166 (7997, 9018)	8193 (8028, 416)
8140 (7967, 6793)	8167 (7998, 3585)	8194 (8028, 9591)
8141 (7972, 224)	8168 (7998, 6422)	8195 (8031, 2391)
8142 (7972, 9783)	8169 (8001, 734)	8196 (8031, 7616)
8143 (7975, 3165)	8170 (8001, 9273)	8197 (8032, 2545)
8144 (7975, 6842)	8171 (8002, 486)	8198 (8032, 7462)
8145 (7976, 112)	8172 (8002, 9521)	8199 (8034, 341)
8146 (7976, 9895)	8173 (8005, 455)	8200 (8034, 9666)
8147 (7978, 2714)	8174 (8005, 9552)	8201 (8036, 439)
8148 (7978, 7293)	8175 (8008, 1327)	8202 (8036, 9568)
8149 (7979, 1819)	8176 (8008, 8680)	8203 (8038, 4210)
8150 (7979, 8188)	8177 (8009, 231)	8204 (8038, 5797)
8151 (7981, 3490)	8178 (8009, 9776)	8205 (8040, 2893)

8206 (8040, 7114)	8233 (8074, 3258)	8260 (8096, 8707)
8207 (8041, 2042)	8234 (8074, 6749)	8261 (8097, 549)
8208 (8041, 7965)	8235 (8075, 3148)	8262 (8097, 9458)
8209 (8044, 161)	8236 (8075, 6859)	8263 (8098, 2264)
8210 (8044, 9846)	8237 (8076, 2216)	8264 (8098, 7743)
8211 (8046, 1248)	8238 (8076, 7791)	8265 (8099, 1704)
8212 (8046, 8759)	8239 (8080, 3511)	8266 (8099, 8303)
8213 (8047, 138)	8240 (8080, 6496)	8267 (8102, 1201)
8214 (8047, 9869)	8241 (8081, 1434)	8268 (8102, 8806)
8215 (8049, 2386)	8242 (8081, 8573)	8269 (8104, 1014)
8216 (8049, 7621)	8243 (8084, 212)	8270 (8104, 8993)
8217 (8050, 4259)	8244 (8084, 9795)	8271 (8106, 4768)
8218 (8050, 5748)	8245 (8086, 2306)	8272 (8106, 5239)
8219 (8052, 2095)	8246 (8086, 7701)	8273 (8108, 391)
8220 (8052, 7912)	8247 (8087, 2870)	8274 (8108, 9616)
8221 (8059, 3866)	8248 (8087, 7137)	8275 (8109, 754)
8222 (8059, 6141)	8249 (8089, 2626)	8276 (8109, 9253)
8223 (8063, 3713)	8250 (8089, 7381)	8277 (8111, 570)
8224 (8063, 6294)	8251 (8091, 1173)	8278 (8111, 9437)
8225 (8066, 2353)	8252 (8091, 8834)	8279 (8113, 4233)
8226 (8066, 7654)	8253 (8092, 1147)	8280 (8113, 5774)
8227 (8068, 1319)	8254 (8092, 8860)	8281 (8115, 2016)
8228 (8068, 8688)	8255 (8093, 4829)	8282 (8115, 7991)
8229 (8069, 4736)	8256 (8093, 5178)	8283 (8116, 193)
8230 (8069, 5271)	8257 (8094, 2774)	8284 (8116, 9814)
8231 (8070, 4508)	8258 (8094, 7233)	8285 (8117, 2607)
8232 (8070, 5499)	8259 (8096, 1300)	8286 (8117, 7400)

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8288 (8118, 5153)	8315 (8145, 4711)	8342 (8182, 7368)
8289 (8119, 1516)	8316 (8145, 5296)	8343 (8189, 1479)
8290 (8119, 8491)	8317 (8146, 2921)	8344 (8189, 8528)
8291 (8120, 3883)	8318 (8146, 7086)	8345 (8190, 4727)
8292 (8120, 6124)	8319 (8149, 2638)	8346 (8190, 5280)
8293 (8125, 3704)	8320 (8149, 7369)	8347 (8193, 4999)
8294 (8125, 6303)	8321 (8151, 3586)	8348 (8193, 5008)
8295 (8126, 2586)	8322 (8151, 6421)	8349 (8195, 1798)
8296 (8126, 7421)	8323 (8152, 1598)	8350 (8195, 8209)
8297 (8127, 4963)	8324 (8152, 8409)	8351 (8197, 892)
8298 (8127, 5044)	8325 (8159, 2660)	8352 (8197, 9115)
8299 (8130, 807)	8326 (8159, 7347)	8353 (8200, 2810)
8300 (8130, 9200)	8327 (8160, 2009)	8354 (8200, 7197)
8301 (8131, 2225)	8328 (8160, 7998)	8355 (8202, 726)
8302 (8131, 7782)	8329 (8165, 4763)	8356 (8202, 9281)
8303 (8132, 1309)	8330 (8165, 5244)	8357 (8205, 2566)
8304 (8132, 8698)	8331 (8166, 4239)	8358 (8205, 7441)
8305 (8133, 4732)	8332 (8166, 5768)	8359 (8206, 3229)
8306 (8133, 5275)	8333 (8168, 3810)	8360 (8206, 6778)
8307 (8134, 411)	8334 (8168, 6197)	8361 (8211, 1642)
8308 (8134, 9596)	8335 (8171, 1115)	8362 (8211, 8365)
8309 (8135, 4127)	8336 (8171, 8892)	8363 (8216, 3759)
8310 (8135, 5880)	8337 (8178, 3159)	8364 (8216, 6248)
8311 (8137, 4257)	8338 (8178, 6848)	8365 (8217, 2327)
8312 (8137, 5750)	8339 (8180, 1288)	8366 (8217, 7680)
8313 (8144, 3491)	8340 (8180, 8719)	8367 (8218, 1101)

8368 (8218, 8906)	8395 (8250, 4817)	8422 (8274, 8963)
8369 (8219, 4009)	8396 (8250, 5190)	8423 (8275, 371)
8370 (8219, 5998)	8397 (8252, 3169)	8424 (8275, 9636)
8371 (8221, 3065)	8398 (8252, 6838)	8425 (8276, 1624)
8372 (8221, 6942)	8399 (8259, 58)	8426 (8276, 8383)
8373 (8223, 1266)	8400 (8259, 9949)	8427 (8280, 1129)
8374 (8223, 8741)	8401 (8260, 4694)	8428 (8280, 8878)
8375 (8224, 4314)	8402 (8260, 5313)	8429 (8283, 1638)
8376 (8224, 5693)	8403 (8261, 4993)	8430 (8283, 8369)
8377 (8227, 2662)	8404 (8261, 5014)	8431 (8285, 4807)
8378 (8227, 7345)	8405 (8262, 3290)	8432 (8285, 5200)
8379 (8228, 4346)	8406 (8262, 6717)	8433 (8287, 1342)
8380 (8228, 5661)	8407 (8264, 1332)	8434 (8287, 8665)
8381 (8229, 1307)	8408 (8264, 8675)	8435 (8288, 4370)
8382 (8229, 8700)	8409 (8265, 1624)	8436 (8288, 5637)
8383 (8230, 1257)	8410 (8265, 8383)	8437 (8290, 4077)
8384 (8230, 8750)	8411 (8266, 1019)	8438 (8290, 5930)
8385 (8231, 742)	8412 (8266, 8988)	8439 (8293, 4747)
8386 (8231, 9265)	8413 (8267, 1162)	8440 (8293, 5260)
8387 (8236, 3848)	8414 (8267, 8845)	8441 (8296, 154)
8388 (8236, 6159)	8415 (8269, 3787)	8442 (8296, 9853)
8389 (8237, 4522)	8416 (8269, 6220)	8443 (8297, 1705)
8390 (8237, 5485)	8417 (8271, 2082)	8444 (8297, 8302)
8391 (8242, 2978)	8418 (8271, 7925)	8445 (8298, 486)
8392 (8242, 7029)	8419 (8272, 4204)	8446 (8298, 9521)
8393 (8248, 4574)	8420 (8272, 5803)	8447 (8300, 4650)
8394 (8248, 5433)	8421 (8274, 1044)	8448 (8300, 5357)

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8451 (8307, 1959)	8478 (8331, 5950)	8505 (8355, 3837)
8452 (8307, 8048)	8479 (8332, 1362)	8506 (8355, 6170)
8453 (8310, 2127)	8480 (8332, 8645)	8507 (8356, 2637)
8454 (8310, 7880)	8481 (8336, 4245)	8508 (8356, 7370)
8455 (8311, 1530)	8482 (8336, 5762)	8509 (8360, 2425)
8456 (8311, 8477)	8483 (8337, 1317)	8510 (8360, 7582)
8457 (8313, 3191)	8484 (8337, 8690)	8511 (8361, 2024)
8458 (8313, 6816)	8485 (8339, 2142)	8512 (8361, 7983)
8459 (8314, 3730)	8486 (8339, 7865)	8513 (8362, 226)
8460 (8314, 6277)	8487 (8341, 129)	8514 (8362, 9781)
8461 (8317, 4195)	8488 (8341, 9878)	8515 (8365, 1933)
8462 (8317, 5812)	8489 (8343, 4927)	8516 (8365, 8074)
8463 (8318, 251)	8490 (8343, 5080)	8517 (8367, 2363)
8464 (8318, 9756)	8491 (8344, 4454)	8518 (8367, 7644)
8465 (8319, 4168)	8492 (8344, 5553)	8519 (8368, 2390)
8466 (8319, 5839)	8493 (8345, 3751)	8520 (8368, 7617)
8467 (8320, 4300)	8494 (8345, 6256)	8521 (8369, 4771)
8468 (8320, 5707)	8495 (8346, 3427)	8522 (8369, 5236)
8469 (8322, 1484)	8496 (8346, 6580)	8523 (8370, 3250)
8470 (8322, 8523)	8497 (8347, 4039)	8524 (8370, 6757)
8471 (8324, 4718)	8498 (8347, 5968)	8525 (8373, 45)
8472 (8324, 5289)	8499 (8349, 863)	8526 (8373, 9962)
8473 (8325, 3886)	8500 (8349, 9144)	8527 (8374, 1201)
8474 (8325, 6121)	8501 (8351, 630)	8528 (8374, 8806)
8475 (8329, 1066)	8502 (8351, 9377)	8529 (8376, 4121)

8530 (8376, 5886)	8557 (8412, 1670)	8584 (8433, 5743)
8531 (8380, 3441)	8558 (8412, 8337)	8585 (8439, 3746)
8532 (8380, 6566)	8559 (8413, 281)	8586 (8439, 6261)
8533 (8381, 1589)	8560 (8413, 9726)	8587 (8441, 1846)
8534 (8381, 8418)	8561 (8414, 3647)	8588 (8441, 8161)
8535 (8384, 260)	8562 (8414, 6360)	8589 (8445, 1389)
8536 (8384, 9747)	8563 (8415, 4627)	8590 (8445, 8618)
8537 (8386, 3013)	8564 (8415, 5380)	8591 (8447, 358)
8538 (8386, 6994)	8565 (8416, 3508)	8592 (8447, 9649)
8539 (8389, 4186)	8566 (8416, 6499)	8593 (8448, 435)
8540 (8389, 5821)	8567 (8418, 732)	8594 (8448, 9572)
8541 (8390, 951)	8568 (8418, 9275)	8595 (8453, 484)
8542 (8390, 9056)	8569 (8419, 843)	8596 (8453, 9523)
8543 (8391, 1284)	8570 (8419, 9164)	8597 (8457, 1863)
8544 (8391, 8723)	8571 (8420, 4542)	8598 (8457, 8144)
8545 (8401, 4829)	8572 (8420, 5465)	8599 (8458, 931)
8546 (8401, 5178)	8573 (8422, 3901)	8600 (8458, 9076)
8547 (8405, 2569)	8574 (8422, 6106)	8601 (8461, 1651)
8548 (8405, 7438)	8575 (8423, 724)	8602 (8461, 8356)
8549 (8408, 4973)	8576 (8423, 9283)	8603 (8464, 2952)
8550 (8408, 5034)	8577 (8424, 4515)	8604 (8464, 7055)
8551 (8409, 2557)	8578 (8424, 5492)	8605 (8465, 1787)
8552 (8409, 7450)	8579 (8430, 3317)	8606 (8465, 8220)
8553 (8410, 4825)	8580 (8430, 6690)	8607 (8466, 1075)
8554 (8410, 5182)	8581 (8431, 2841)	8608 (8466, 8932)
8555 (8411, 1499)	8582 (8431, 7166)	8609 (8467, 4874)
8556 (8411, 8508)	8583 (8433, 4264)	8610 (8467, 5133)

8611 (8476, 644)	8638 (8503, 9120)	8665 (8525, 2720)
8612 (8476, 9363)	8639 (8504, 688)	8666 (8525, 7287)
8613 (8477, 2423)	8640 (8504, 9319)	8667 (8527, 3624)
8614 (8477, 7584)	8641 (8506, 3975)	8668 (8527, 6383)
8615 (8478, 5)	8642 (8506, 6032)	8669 (8528, 1424)
8616 (8478, 10002)	8643 (8509, 3480)	8670 (8528, 8583)
8617 (8486, 127)	8644 (8509, 6527)	8671 (8531, 3655)
8618 (8486, 9880)	8645 (8511, 1058)	8672 (8531, 6352)
8619 (8489, 2903)	8646 (8511, 8949)	8673 (8532, 1139)
8620 (8489, 7104)	8647 (8513, 1806)	8674 (8532, 8868)
8621 (8490, 2211)	8648 (8513, 8201)	8675 (8534, 603)
8622 (8490, 7796)	8649 (8514, 2627)	8676 (8534, 9404)
8623 (8491, 1136)	8650 (8514, 7380)	8677 (8535, 2137)
8624 (8491, 8871)	8651 (8517, 2251)	8678 (8535, 7870)
8625 (8493, 2842)	8652 (8517, 7756)	8679 (8536, 4130)
8626 (8493, 7165)	8653 (8518, 869)	8680 (8536, 5877)
8627 (8494, 2388)	8654 (8518, 9138)	8681 (8537, 4451)
8628 (8494, 7619)	8655 (8519, 1926)	8682 (8537, 5556)
8629 (8496, 2516)	8656 (8519, 8081)	8683 (8540, 206)
8630 (8496, 7491)	8657 (8520, 2279)	8684 (8540, 9801)
8631 (8497, 4510)	8658 (8520, 7728)	8685 (8542, 1371)
8632 (8497, 5497)	8659 (8521, 1862)	8686 (8542, 8636)
8633 (8499, 4005)	8660 (8521, 8145)	8687 (8544, 3404)
8634 (8499, 6002)	8661 (8523, 4750)	8688 (8544, 6603)
8635 (8501, 3773)	8662 (8523, 5257)	8689 (8548, 3977)
8636 (8501, 6234)	8663 (8524, 1878)	8690 (8548, 6030)
8637 (8503, 887)	8664 (8524, 8129)	8691 (8549, 1074)

8692 (8549, 8933)	8719 (8578, 1883)	8746 (8619, 5120)
8693 (8550, 2645)	8720 (8578, 8124)	8747 (8620, 4529)
8694 (8550, 7362)	8721 (8579, 3184)	8748 (8620, 5478)
8695 (8551, 2517)	8722 (8579, 6823)	8749 (8623, 976)
8696 (8551, 7490)	8723 (8581, 14)	8750 (8623, 9031)
8697 (8552, 2208)	8724 (8581, 9993)	8751 (8627, 2724)
8698 (8552, 7799)	8725 (8585, 2133)	8752 (8627, 7283)
8699 (8558, 3205)	8726 (8585, 7874)	8753 (8628, 4088)
8700 (8558, 6802)	8727 (8589, 1615)	8754 (8628, 5919)
8701 (8560, 2209)	8728 (8589, 8392)	8755 (8629, 327)
8702 (8560, 7798)	8729 (8590, 2316)	8756 (8629, 9680)
8703 (8562, 2063)	8730 (8590, 7691)	8757 (8630, 2793)
8704 (8562, 7944)	8731 (8593, 906)	8758 (8630, 7214)
8705 (8563, 2873)	8732 (8593, 9101)	8759 (8631, 4715)
8706 (8563, 7134)	8733 (8595, 1001)	8760 (8631, 5292)
8707 (8564, 485)	8734 (8595, 9006)	8761 (8633, 227)
8708 (8564, 9522)	8735 (8596, 2900)	8762 (8633, 9780)
8709 (8566, 2805)	8736 (8596, 7107)	8763 (8637, 3279)
8710 (8566, 7202)	8737 (8599, 2467)	8764 (8637, 6728)
8711 (8567, 4209)	8738 (8599, 7540)	8765 (8638, 3386)
8712 (8567, 5798)	8739 (8601, 3090)	8766 (8638, 6621)
8713 (8571, 837)	8740 (8601, 6917)	8767 (8639, 4909)
8714 (8571, 9170)	8741 (8608, 2566)	8768 (8639, 5098)
8715 (8572, 2797)	8742 (8608, 7441)	8769 (8642, 4948)
8716 (8572, 7210)	8743 (8612, 577)	8770 (8642, 5059)
8717 (8576, 1343)	8744 (8612, 9430)	8771 (8645, 465)
8718 (8576, 8664)	8745 (8619, 4887)	8772 (8645, 9542)

8773 (8646, 1840)	8800 (8672, 5451)	8827 (8694, 28)
8774 (8646, 8167)	8801 (8673, 3111)	8828 (8694, 9979)
8775 (8651, 835)	8802 (8673, 6896)	8829 (8697, 174)
8776 (8651, 9172)	8803 (8674, 4197)	8830 (8697, 9833)
8777 (8652, 274)	8804 (8674, 5810)	8831 (8699, 4718)
8778 (8652, 9733)	8805 (8678, 968)	8832 (8699, 5289)
8779 (8654, 3174)	8806 (8678, 9039)	8833 (8702, 2702)
8780 (8654, 6833)	8807 (8679, 2885)	8834 (8702, 7305)
8781 (8656, 2311)	8808 (8679, 7122)	8835 (8704, 2428)
8782 (8656, 7696)	8809 (8680, 1494)	8836 (8704, 7579)
8783 (8657, 2888)	8810 (8680, 8513)	8837 (8705, 2119)
8784 (8657, 7119)	8811 (8681, 2876)	8838 (8705, 7888)
8785 (8658, 4825)	8812 (8681, 7131)	8839 (8706, 2404)
8786 (8658, 5182)	8813 (8683, 4447)	8840 (8706, 7603)
8787 (8659, 4308)	8814 (8683, 5560)	8841 (8707, 4796)
8788 (8659, 5699)	8815 (8684, 2009)	8842 (8707, 5211)
8789 (8661, 2640)	8816 (8684, 7998)	8843 (8709, 627)
8790 (8661, 7367)	8817 (8686, 3366)	8844 (8709, 9380)
8791 (8663, 3719)	8818 (8686, 6641)	8845 (8715, 3697)
8792 (8663, 6288)	8819 (8688, 4051)	8846 (8715, 6310)
8793 (8664, 541)	8820 (8688, 5956)	8847 (8716, 4306)
8794 (8664, 9466)	8821 (8689, 4004)	8848 (8716, 5701)
8795 (8665, 125)	8822 (8689, 6003)	8849 (8719, 4241)
8796 (8665, 9882)	8823 (8691, 2736)	8850 (8719, 5766)
8797 (8667, 2025)	8824 (8691, 7271)	8851 (8722, 94)
8798 (8667, 7982)	8825 (8693, 3491)	8852 (8722, 9913)
8799 (8672, 4556)	8826 (8693, 6516)	8853 (8723, 1577)

8854 (8723, 8430)	8881 (8751, 3407)	8908 (8779, 9633)
8855 (8724, 578)	8882 (8751, 6600)	8909 (8780, 4818)
8856 (8724, 9429)	8883 (8752, 2078)	8910 (8780, 5189)
8857 (8726, 1029)	8884 (8752, 7929)	8911 (8782, 959)
8858 (8726, 8978)	8885 (8756, 2395)	8912 (8782, 9048)
8859 (8727, 1979)	8886 (8756, 7612)	8913 (8783, 64)
8860 (8727, 8028)	8887 (8757, 245)	8914 (8783, 9943)
8861 (8728, 3791)	8888 (8757, 9762)	8915 (8784, 4161)
8862 (8728, 6216)	8889 (8759, 3384)	8916 (8784, 5846)
8863 (8729, 2778)	8890 (8759, 6623)	8917 (8790, 3916)
8864 (8729, 7229)	8891 (8763, 2501)	8918 (8790, 6091)
8865 (8731, 1874)	8892 (8763, 7506)	8919 (8791, 2574)
8866 (8731, 8133)	8893 (8766, 1413)	8920 (8791, 7433)
8867 (8732, 726)	8894 (8766, 8594)	8921 (8793, 4906)
8868 (8732, 9281)	8895 (8768, 2073)	8922 (8793, 5101)
8869 (8734, 2873)	8896 (8768, 7934)	8923 (8794, 4939)
8870 (8734, 7134)	8897 (8772, 3431)	8924 (8794, 5068)
8871 (8739, 155)	8898 (8772, 6576)	8925 (8798, 3178)
8872 (8739, 9852)	8899 (8773, 3159)	8926 (8798, 6829)
8873 (8741, 1261)	8900 (8773, 6848)	8927 (8802, 1573)
8874 (8741, 8746)	8901 (8774, 2557)	8928 (8802, 8434)
8875 (8746, 1625)	8902 (8774, 7450)	8929 (8806, 1161)
8876 (8746, 8382)	8903 (8775, 1980)	8930 (8806, 8846)
8877 (8748, 1640)	8904 (8775, 8027)	8931 (8807, 1378)
8878 (8748, 8367)	8905 (8778, 998)	8932 (8807, 8629)
8879 (8750, 2768)	8906 (8778, 9009)	8933 (8808, 511)
8880 (8750, 7239)	8907 (8779, 374)	8934 (8808, 9496)

8935 (8809, 4329)	8962 (8832, 7598)	8989 (8859, 551)
8936 (8809, 5678)	8963 (8834, 4332)	8990 (8859, 9456)
8937 (8812, 1286)	8964 (8834, 5675)	8991 (8863, 2910)
8938 (8812, 8721)	8965 (8835, 4894)	8992 (8863, 7097)
8939 (8814, 1035)	8966 (8835, 5113)	8993 (8867, 3277)
8940 (8814, 8972)	8967 (8836, 4507)	8994 (8867, 6730)
8941 (8817, 2880)	8968 (8836, 5500)	8995 (8868, 1151)
8942 (8817, 7127)	8969 (8837, 2377)	8996 (8868, 8856)
8943 (8818, 19)	8970 (8837, 7630)	8997 (8873, 4048)
8944 (8818, 9988)	8971 (8839, 2792)	8998 (8873, 5959)
8945 (8821, 4567)	8972 (8839, 7215)	8999 (8874, 622)
8946 (8821, 5440)	8973 (8841, 1760)	9000 (8874, 9385)
8947 (8822, 947)	8974 (8841, 8247)	9001 (8878, 2516)
8948 (8822, 9060)	8975 (8843, 4642)	9002 (8878, 7491)
8949 (8825, 4578)	8976 (8843, 5365)	9003 (8882, 3086)
8950 (8825, 5429)	8977 (8844, 4071)	9004 (8882, 6921)
8951 (8826, 2899)	8978 (8844, 5936)	9005 (8884, 2082)
8952 (8826, 7108)	8979 (8845, 503)	9006 (8884, 7925)
8953 (8827, 3094)	8980 (8845, 9504)	9007 (8887, 2958)
8954 (8827, 6913)	8981 (8850, 124)	9008 (8887, 7049)
8955 (8828, 342)	8982 (8850, 9883)	9009 (8889, 4741)
8956 (8828, 9665)	8983 (8851, 2135)	9010 (8889, 5266)
8957 (8829, 2108)	8984 (8851, 7872)	9011 (8890, 3076)
8958 (8829, 7899)	8985 (8854, 4197)	9012 (8890, 6931)
8959 (8831, 82)	8986 (8854, 5810)	9013 (8891, 4524)
8960 (8831, 9925)	8987 (8858, 4122)	9014 (8891, 5483)
8961 (8832, 2409)	8988 (8858, 5885)	9015 (8893, 80)

9016 (8893, 9927)	9043 (8920, 4535)	9070 (8955, 8617)
9017 (8894, 2615)	9044 (8920, 5472)	9071 (8957, 4125)
9018 (8894, 7392)	9045 (8923, 2091)	9072 (8957, 5882)
9019 (8895, 4641)	9046 (8923, 7916)	9073 (8958, 2490)
9020 (8895, 5366)	9047 (8924, 894)	9074 (8958, 7517)
9021 (8896, 4585)	9048 (8924, 9113)	9075 (8959, 2903)
9022 (8896, 5422)	9049 (8925, 2884)	9076 (8959, 7104)
9023 (8898, 2220)	9050 (8925, 7123)	9077 (8961, 2293)
9024 (8898, 7787)	9051 (8930, 2671)	9078 (8961, 7714)
9025 (8900, 3299)	9052 (8930, 7336)	9079 (8969, 4043)
9026 (8900, 6708)	9053 (8933, 2978)	9080 (8969, 5964)
9027 (8903, 312)	9054 (8933, 7029)	9081 (8971, 2609)
9028 (8903, 9695)	9055 (8934, 1609)	9082 (8971, 7398)
9029 (8905, 502)	9056 (8934, 8398)	9083 (8972, 1486)
9030 (8905, 9505)	9057 (8936, 937)	9084 (8972, 8521)
9031 (8906, 1432)	9058 (8936, 9070)	9085 (8973, 3233)
9032 (8906, 8575)	9059 (8937, 2968)	9086 (8973, 6774)
9033 (8909, 1234)	9060 (8937, 7039)	9087 (8975, 1398)
9034 (8909, 8773)	9061 (8945, 2768)	9088 (8975, 8609)
9035 (8914, 511)	9062 (8945, 7239)	9089 (8977, 766)
9036 (8914, 9496)	9063 (8947, 516)	9090 (8977, 9241)
9037 (8915, 624)	9064 (8947, 9491)	9091 (8978, 4473)
9038 (8915, 9383)	9065 (8948, 2927)	9092 (8978, 5534)
9039 (8916, 144)	9066 (8948, 7080)	9093 (8980, 1973)
9040 (8916, 9863)	9067 (8950, 532)	9094 (8980, 8034)
9041 (8917, 3012)	9068 (8950, 9475)	9095 (8985, 1925)
9042 (8917, 6995)	9069 (8955, 1390)	9096 (8985, 8082)

9097 (8987, 2762)	9124 (9007, 7559)	9151 (9045, 1813)
9098 (8987, 7245)	9125 (9012, 4977)	9152 (9045, 8194)
9099 (8989, 3109)	9126 (9012, 5030)	9153 (9046, 3675)
9100 (8989, 6898)	9127 (9013, 3420)	9154 (9046, 6332)
9101 (8990, 3876)	9128 (9013, 6587)	9155 (9048, 3400)
9102 (8990, 6131)	9129 (9014, 3981)	9156 (9048, 6607)
9103 (8991, 2219)	9130 (9014, 6026)	9157 (9050, 3350)
9104 (8991, 7788)	9131 (9016, 2770)	9158 (9050, 6657)
9105 (8994, 3991)	9132 (9016, 7237)	9159 (9051, 4479)
9106 (8994, 6016)	9133 (9018, 809)	9160 (9051, 5528)
9107 (8996, 328)	9134 (9018, 9198)	9161 (9052, 2975)
9108 (8996, 9679)	9135 (9024, 2048)	9162 (9052, 7032)
9109 (8998, 4967)	9136 (9024, 7959)	9163 (9053, 645)
9110 (8998, 5040)	9137 (9025, 4653)	9164 (9053, 9362)
9111 (8999, 2273)	9138 (9025, 5354)	9165 (9054, 2842)
9112 (8999, 7734)	9139 (9028, 1845)	9166 (9054, 7165)
9113 (9000, 2095)	9140 (9028, 8162)	9167 (9055, 203)
9114 (9000, 7912)	9141 (9032, 3619)	9168 (9055, 9804)
9115 (9001, 251)	9142 (9032, 6388)	9169 (9056, 4453)
9116 (9001, 9756)	9143 (9034, 4368)	9170 (9056, 5554)
9117 (9003, 1463)	9144 (9034, 5639)	9171 (9061, 679)
9118 (9003, 8544)	9145 (9041, 1861)	9172 (9061, 9328)
9119 (9004, 3340)	9146 (9041, 8146)	9173 (9063, 4177)
9120 (9004, 6667)	9147 (9043, 1340)	9174 (9063, 5830)
9121 (9006, 4140)	9148 (9043, 8667)	9175 (9064, 4897)
9122 (9006, 5867)	9149 (9044, 4391)	9176 (9064, 5110)
9123 (9007, 2448)	9150 (9044, 5616)	9177 (9065, 4182)

9178 (9065, 5825)	9205 (9110, 3243)	9232 (9136, 9492)
9179 (9066, 4274)	9206 (9110, 6764)	9233 (9137, 2076)
9180 (9066, 5733)	9207 (9111, 883)	9234 (9137, 7931)
9181 (9067, 1972)	9208 (9111, 9124)	9235 (9140, 2507)
9182 (9067, 8035)	9209 (9113, 2787)	9236 (9140, 7500)
9183 (9070, 3587)	9210 (9113, 7220)	9237 (9142, 3433)
9184 (9070, 6420)	9211 (9114, 1992)	9238 (9142, 6574)
9185 (9073, 3096)	9212 (9114, 8015)	9239 (9143, 2052)
9186 (9073, 6911)	9213 (9116, 355)	9240 (9143, 7955)
9187 (9077, 4377)	9214 (9116, 9652)	9241 (9144, 1155)
9188 (9077, 5630)	9215 (9117, 2668)	9242 (9144, 8852)
9189 (9081, 4580)	9216 (9117, 7339)	9243 (9145, 1867)
9190 (9081, 5427)	9217 (9118, 2128)	9244 (9145, 8140)
9191 (9084, 4925)	9218 (9118, 7879)	9245 (9146, 4100)
9192 (9084, 5082)	9219 (9119, 3363)	9246 (9146, 5907)
9193 (9088, 413)	9220 (9119, 6644)	9247 (9148, 3940)
9194 (9088, 9594)	9221 (9121, 1044)	9248 (9148, 6067)
9195 (9091, 1254)	9222 (9121, 8963)	9249 (9149, 559)
9196 (9091, 8753)	9223 (9124, 3546)	9250 (9149, 9448)
9197 (9093, 2120)	9224 (9124, 6461)	9251 (9150, 915)
9198 (9093, 7887)	9225 (9125, 1850)	9252 (9150, 9092)
9199 (9098, 1737)	9226 (9125, 8157)	9253 (9151, 2726)
9200 (9098, 8270)	9227 (9130, 4501)	9254 (9151, 7281)
9201 (9106, 3352)	9228 (9130, 5506)	9255 (9153, 3990)
9202 (9106, 6655)	9229 (9133, 3637)	9256 (9153, 6017)
9203 (9108, 1824)	9230 (9133, 6370)	9257 (9154, 3998)
9204 (9108, 8183)	9231 (9136, 515)	9258 (9154, 6009)

9259 (9156, 292)	9286 (9181, 5841)	9313 (9205, 1504)
9260 (9156, 9715)	9287 (9183, 2441)	9314 (9205, 8503)
9261 (9157, 1951)	9288 (9183, 7566)	9315 (9207, 1688)
9262 (9157, 8056)	9289 (9187, 507)	9316 (9207, 8319)
9263 (9158, 2693)	9290 (9187, 9500)	9317 (9208, 322)
9264 (9158, 7314)	9291 (9189, 2205)	9318 (9208, 9685)
9265 (9160, 2743)	9292 (9189, 7802)	9319 (9214, 4762)
9266 (9160, 7264)	9293 (9190, 1278)	9320 (9214, 5245)
9267 (9165, 2196)	9294 (9190, 8729)	9321 (9216, 3192)
9268 (9165, 7811)	9295 (9193, 4615)	9322 (9216, 6815)
9269 (9167, 3080)	9296 (9193, 5392)	9323 (9218, 1821)
9270 (9167, 6927)	9297 (9194, 4562)	9324 (9218, 8186)
9271 (9168, 1097)	9298 (9194, 5445)	9325 (9221, 901)
9272 (9168, 8910)	9299 (9195, 870)	9326 (9221, 9106)
9273 (9169, 1213)	9300 (9195, 9137)	9327 (9222, 1141)
9274 (9169, 8794)	9301 (9197, 3838)	9328 (9222, 8866)
9275 (9170, 152)	9302 (9197, 6169)	9329 (9224, 1720)
9276 (9170, 9855)	9303 (9198, 3499)	9330 (9224, 8287)
9277 (9171, 584)	9304 (9198, 6508)	9331 (9232, 3223)
9278 (9171, 9423)	9305 (9200, 3481)	9332 (9232, 6784)
9279 (9172, 569)	9306 (9200, 6526)	9333 (9233, 137)
9280 (9172, 9438)	9307 (9202, 1687)	9334 (9233, 9870)
9281 (9175, 3312)	9308 (9202, 8320)	9335 (9234, 3547)
9282 (9175, 6695)	9309 (9203, 612)	9336 (9234, 6460)
9283 (9180, 3733)	9310 (9203, 9395)	9337 (9235, 1180)
9284 (9180, 6274)	9311 (9204, 3484)	9338 (9235, 8827)
9285 (9181, 4166)	9312 (9204, 6523)	9339 (9236, 978)

9340 (9236, 9029)	9367 (9264, 1567)	9394 (9294, 8293)
9341 (9237, 3456)	9368 (9264, 8440)	9395 (9295, 1536)
9342 (9237, 6551)	9369 (9266, 3925)	9396 (9295, 8471)
9343 (9238, 2747)	9370 (9266, 6082)	9397 (9296, 2642)
9344 (9238, 7260)	9371 (9267, 3720)	9398 (9296, 7365)
9345 (9241, 1836)	9372 (9267, 6287)	9399 (9298, 3112)
9346 (9241, 8171)	9373 (9268, 3152)	9400 (9298, 6895)
9347 (9247, 4870)	9374 (9268, 6855)	9401 (9299, 2418)
9348 (9247, 5137)	9375 (9274, 1365)	9402 (9299, 7589)
9349 (9250, 1964)	9376 (9274, 8642)	9403 (9304, 4628)
9350 (9250, 8043)	9377 (9276, 68)	9404 (9304, 5379)
9351 (9251, 2833)	9378 (9276, 9939)	9405 (9305, 288)
9352 (9251, 7174)	9379 (9277, 4601)	9406 (9305, 9719)
9353 (9253, 3826)	9380 (9277, 5406)	9407 (9307, 3201)
9354 (9253, 6181)	9381 (9279, 3727)	9408 (9307, 6806)
9355 (9255, 3047)	9382 (9279, 6280)	9409 (9308, 4520)
9356 (9255, 6960)	9383 (9284, 4045)	9410 (9308, 5487)
9357 (9256, 2489)	9384 (9284, 5962)	9411 (9310, 4146)
9358 (9256, 7518)	9385 (9287, 461)	9412 (9310, 5861)
9359 (9258, 2941)	9386 (9287, 9546)	9413 (9311, 3833)
9360 (9258, 7066)	9387 (9288, 587)	9414 (9311, 6174)
9361 (9259, 688)	9388 (9288, 9420)	9415 (9313, 88)
9362 (9259, 9319)	9389 (9290, 2012)	9416 (9313, 9919)
9363 (9260, 871)	9390 (9290, 7995)	9417 (9315, 2216)
9364 (9260, 9136)	9391 (9291, 66)	9418 (9315, 7791)
9365 (9262, 1774)	9392 (9291, 9941)	9419 (9323, 2023)
9366 (9262, 8233)	9393 (9294, 1714)	9420 (9323, 7984)

9421 (9326, 547)	9448 (9351, 8922)	9475 (9375, 245)
9422 (9326, 9460)	9449 (9352, 4735)	9476 (9375, 9762)
9423 (9327, 2836)	9450 (9352, 5272)	9477 (9381, 719)
9424 (9327, 7171)	9451 (9353, 2294)	9478 (9381, 9288)
9425 (9328, 4356)	9452 (9353, 7713)	9479 (9382, 4811)
9426 (9328, 5651)	9453 (9359, 3872)	9480 (9382, 5196)
9427 (9329, 1704)	9454 (9359, 6135)	9481 (9387, 90)
9428 (9329, 8303)	9455 (9360, 2558)	9482 (9387, 9917)
9429 (9332, 3221)	9456 (9360, 7449)	9483 (9389, 2914)
9430 (9332, 6786)	9457 (9362, 3059)	9484 (9389, 7093)
9431 (9333, 4132)	9458 (9362, 6948)	9485 (9391, 4711)
9432 (9333, 5875)	9459 (9363, 1529)	9486 (9391, 5296)
9433 (9334, 3787)	9460 (9363, 8478)	9487 (9393, 2490)
9434 (9334, 6220)	9461 (9365, 4022)	9488 (9393, 7517)
9435 (9337, 3634)	9462 (9365, 5985)	9489 (9394, 4295)
9436 (9337, 6373)	9463 (9367, 2947)	9490 (9394, 5712)
9437 (9339, 3385)	9464 (9367, 7060)	9491 (9395, 423)
9438 (9339, 6622)	9465 (9368, 69)	9492 (9395, 9584)
9439 (9343, 1063)	9466 (9368, 9938)	9493 (9398, 1753)
9440 (9343, 8944)	9467 (9369, 1797)	9494 (9398, 8254)
9441 (9345, 2931)	9468 (9369, 8210)	9495 (9400, 4232)
9442 (9345, 7076)	9469 (9371, 4250)	9496 (9400, 5775)
9443 (9348, 4584)	9470 (9371, 5757)	9497 (9401, 3864)
9444 (9348, 5423)	9471 (9372, 284)	9498 (9401, 6143)
9445 (9350, 587)	9472 (9372, 9723)	9499 (9403, 1813)
9446 (9350, 9420)	9473 (9374, 2507)	9500 (9403, 8194)
9447 (9351, 1085)	9474 (9374, 7500)	9501 (9408, 134)

9502 (9408, 9873)	9529 (9437, 2256)	9556 (9464, 8474)
9503 (9410, 4109)	9530 (9437, 7751)	9557 (9468, 1703)
9504 (9410, 5898)	9531 (9438, 372)	9558 (9468, 8304)
9505 (9412, 4348)	9532 (9438, 9635)	9559 (9469, 4585)
9506 (9412, 5659)	9533 (9439, 2928)	9560 (9469, 5422)
9507 (9413, 1246)	9534 (9439, 7079)	9561 (9473, 1904)
9508 (9413, 8761)	9535 (9442, 4378)	9562 (9473, 8103)
9509 (9415, 872)	9536 (9442, 5629)	9563 (9475, 4266)
9510 (9415, 9135)	9537 (9444, 144)	9564 (9475, 5741)
9511 (9419, 2773)	9538 (9444, 9863)	9565 (9476, 4081)
9512 (9419, 7234)	9539 (9445, 1149)	9566 (9476, 5926)
9513 (9421, 1553)	9540 (9445, 8858)	9567 (9477, 753)
9514 (9421, 8454)	9541 (9448, 2931)	9568 (9477, 9254)
9515 (9429, 4857)	9542 (9448, 7076)	9569 (9478, 4344)
9516 (9429, 5150)	9543 (9449, 4250)	9570 (9478, 5663)
9517 (9430, 417)	9544 (9449, 5757)	9571 (9479, 1275)
9518 (9430, 9590)	9545 (9451, 4305)	9572 (9479, 8732)
9519 (9431, 1114)	9546 (9451, 5702)	9573 (9482, 2285)
9520 (9431, 8893)	9547 (9452, 4699)	9574 (9482, 7722)
9521 (9432, 902)	9548 (9452, 5308)	9575 (9483, 716)
9522 (9432, 9105)	9549 (9456, 1713)	9576 (9483, 9291)
9523 (9433, 2545)	9550 (9456, 8294)	9577 (9485, 1471)
9524 (9433, 7462)	9551 (9459, 488)	9578 (9485, 8536)
9525 (9434, 2448)	9552 (9459, 9519)	9579 (9489, 4208)
9526 (9434, 7559)	9553 (9462, 3415)	9580 (9489, 5799)
9527 (9436, 1123)	9554 (9462, 6592)	9581 (9490, 4057)
9528 (9436, 8884)	9555 (9464, 1533)	9582 (9490, 5950)

9583 (9492, 1235)	9610 (9525, 6377)	9637 (9553, 1863)
9584 (9492, 8772)	9611 (9528, 452)	9638 (9553, 8144)
9585 (9493, 4748)	9612 (9528, 9555)	9639 (9557, 1814)
9586 (9493, 5259)	9613 (9530, 2782)	9640 (9557, 8193)
9587 (9497, 2288)	9614 (9530, 7225)	9641 (9558, 3222)
9588 (9497, 7719)	9615 (9532, 3178)	9642 (9558, 6785)
9589 (9498, 360)	9616 (9532, 6829)	9643 (9559, 3709)
9590 (9498, 9647)	9617 (9535, 959)	9644 (9559, 6298)
9591 (9500, 3671)	9618 (9535, 9048)	9645 (9560, 4479)
9592 (9500, 6336)	9619 (9538, 3918)	9646 (9560, 5528)
9593 (9506, 804)	9620 (9538, 6089)	9647 (9561, 2435)
9594 (9506, 9203)	9621 (9539, 1122)	9648 (9561, 7572)
9595 (9508, 2687)	9622 (9539, 8885)	9649 (9562, 4594)
9596 (9508, 7320)	9623 (9542, 791)	9650 (9562, 5413)
9597 (9509, 1082)	9624 (9542, 9216)	9651 (9563, 945)
9598 (9509, 8925)	9625 (9544, 2524)	9652 (9563, 9062)
9599 (9512, 1884)	9626 (9544, 7483)	9653 (9564, 1864)
9600 (9512, 8123)	9627 (9545, 86)	9654 (9564, 8143)
9601 (9513, 3864)	9628 (9545, 9921)	9655 (9566, 2181)
9602 (9513, 6143)	9629 (9547, 3974)	9656 (9566, 7826)
9603 (9514, 13)	9630 (9547, 6033)	9657 (9567, 4683)
9604 (9514, 9994)	9631 (9549, 4854)	9658 (9567, 5324)
9605 (9515, 1990)	9632 (9549, 5153)	9659 (9569, 1422)
9606 (9515, 8017)	9633 (9550, 4672)	9660 (9569, 8585)
9607 (9516, 1953)	9634 (9550, 5335)	9661 (9570, 1275)
9608 (9516, 8054)	9635 (9551, 217)	9662 (9570, 8732)
9609 (9525, 3630)	9636 (9551, 9790)	9663 (9571, 1881)

9664 (9571, 8126)	9691 (9606, 651)	9718 (9638, 6161)
9665 (9574, 1515)	9692 (9606, 9356)	9719 (9641, 2522)
9666 (9574, 8492)	9693 (9608, 3200)	9720 (9641, 7485)
9667 (9575, 1325)	9694 (9608, 6807)	9721 (9643, 4501)
9668 (9575, 8682)	9695 (9610, 1793)	9722 (9643, 5506)
9669 (9576, 2666)	9696 (9610, 8214)	9723 (9648, 1657)
9670 (9576, 7341)	9697 (9612, 4985)	9724 (9648, 8350)
9671 (9578, 3041)	9698 (9612, 5022)	9725 (9652, 4438)
9672 (9578, 6966)	9699 (9614, 4184)	9726 (9652, 5569)
9673 (9581, 4208)	9700 (9614, 5823)	9727 (9654, 1505)
9674 (9581, 5799)	9701 (9616, 3902)	9728 (9654, 8502)
9675 (9583, 564)	9702 (9616, 6105)	9729 (9657, 543)
9676 (9583, 9443)	9703 (9618, 4937)	9730 (9657, 9464)
9677 (9589, 3068)	9704 (9618, 5070)	9731 (9658, 4009)
9678 (9589, 6939)	9705 (9620, 1839)	9732 (9658, 5998)
9679 (9591, 4450)	9706 (9620, 8168)	9733 (9660, 2945)
9680 (9591, 5557)	9707 (9629, 4882)	9734 (9660, 7062)
9681 (9594, 4148)	9708 (9629, 5125)	9735 (9662, 4080)
9682 (9594, 5859)	9709 (9630, 3341)	9736 (9662, 5927)
9683 (9595, 4965)	9710 (9630, 6666)	9737 (9663, 2908)
9684 (9595, 5042)	9711 (9631, 900)	9738 (9663, 7099)
9685 (9600, 3839)	9712 (9631, 9107)	9739 (9664, 1032)
9686 (9600, 6168)	9713 (9632, 1804)	9740 (9664, 8975)
9687 (9601, 2613)	9714 (9632, 8203)	9741 (9666, 1982)
9688 (9601, 7394)	9715 (9634, 3727)	9742 (9666, 8025)
9689 (9602, 2484)	9716 (9634, 6280)	9743 (9667, 1589)
9690 (9602, 7523)	9717 (9638, 3846)	9744 (9667, 8418)

9745 (9670, 3845)	9772 (9694, 5433)	9799 (9721, 1387)
9746 (9670, 6162)	9773 (9697, 4811)	9800 (9721, 8620)
9747 (9671, 2731)	9774 (9697, 5196)	9801 (9728, 3981)
9748 (9671, 7276)	9775 (9698, 554)	9802 (9728, 6026)
9749 (9672, 225)	9776 (9698, 9453)	9803 (9730, 1209)
9750 (9672, 9782)	9777 (9701, 958)	9804 (9730, 8798)
9751 (9673, 1717)	9778 (9701, 9049)	9805 (9732, 3573)
9752 (9673, 8290)	9779 (9703, 3642)	9806 (9732, 6434)
9753 (9675, 30)	9780 (9703, 6365)	9807 (9735, 1030)
9754 (9675, 9977)	9781 (9704, 2856)	9808 (9735, 8977)
9755 (9676, 4526)	9782 (9704, 7151)	9809 (9736, 2327)
9756 (9676, 5481)	9783 (9705, 3191)	9810 (9736, 7680)
9757 (9677, 555)	9784 (9705, 6816)	9811 (9738, 4878)
9758 (9677, 9452)	9785 (9707, 1382)	9812 (9738, 5129)
9759 (9679, 1108)	9786 (9707, 8625)	9813 (9740, 3269)
9760 (9679, 8899)	9787 (9709, 2565)	9814 (9740, 6738)
9761 (9685, 3793)	9788 (9709, 7442)	9815 (9741, 2026)
9762 (9685, 6214)	9789 (9710, 3093)	9816 (9741, 7981)
9763 (9686, 676)	9790 (9710, 6914)	9817 (9742, 3578)
9764 (9686, 9331)	9791 (9717, 2612)	9818 (9742, 6429)
9765 (9687, 3836)	9792 (9717, 7395)	9819 (9744, 1604)
9766 (9687, 6171)	9793 (9718, 4677)	9820 (9744, 8403)
9767 (9688, 3960)	9794 (9718, 5330)	9821 (9746, 1716)
9768 (9688, 6047)	9795 (9719, 2781)	9822 (9746, 8291)
9769 (9692, 1873)	9796 (9719, 7226)	9823 (9748, 1212)
9770 (9692, 8134)	9797 (9720, 408)	9824 (9748, 8795)
9771 (9694, 4574)	9798 (9720, 9599)	9825 (9750, 4489)

9826 (9750, 5518)	9853 (9779, 2802)	9880 (9806, 7440)
9827 (9751, 1731)	9854 (9779, 7205)	9881 (9808, 2755)
9828 (9751, 8276)	9855 (9784, 3452)	9882 (9808, 7252)
9829 (9752, 4537)	9856 (9784, 6555)	9883 (9809, 4275)
9830 (9752, 5470)	9857 (9785, 2147)	9884 (9809, 5732)
9831 (9756, 1643)	9858 (9785, 7860)	9885 (9810, 3011)
9832 (9756, 8364)	9859 (9786, 1430)	9886 (9810, 6996)
9833 (9758, 48)	9860 (9786, 8577)	9887 (9811, 3169)
9834 (9758, 9959)	9861 (9790, 4390)	9888 (9811, 6838)
9835 (9759, 3281)	9862 (9790, 5617)	9889 (9815, 4408)
9836 (9759, 6726)	9863 (9792, 2845)	9890 (9815, 5599)
9837 (9760, 3477)	9864 (9792, 7162)	9891 (9821, 1507)
9838 (9760, 6530)	9865 (9795, 1371)	9892 (9821, 8500)
9839 (9762, 1551)	9866 (9795, 8636)	9893 (9824, 881)
9840 (9762, 8456)	9867 (9796, 3372)	9894 (9824, 9126)
9841 (9766, 3366)	9868 (9796, 6635)	9895 (9825, 4949)
9842 (9766, 6641)	9869 (9797, 704)	9896 (9825, 5058)
9843 (9769, 4768)	9870 (9797, 9303)	9897 (9828, 3272)
9844 (9769, 5239)	9871 (9799, 2693)	9898 (9828, 6735)
9845 (9770, 1341)	9872 (9799, 7314)	9899 (9832, 1198)
9846 (9770, 8666)	9873 (9801, 2655)	9900 (9832, 8809)
9847 (9775, 2927)	9874 (9801, 7352)	9901 (9833, 1509)
9848 (9775, 7080)	9875 (9804, 2756)	9902 (9833, 8498)
9849 (9777, 2288)	9876 (9804, 7251)	9903 (9844, 2139)
9850 (9777, 7719)	9877 (9805, 4114)	9904 (9844, 7868)
9851 (9778, 1543)	9878 (9805, 5893)	9905 (9845, 1119)
9852 (9778, 8464)	9879 (9806, 2567)	9906 (9845, 8888)

9907 (9846, 3670)	9934 (9881, 8146)	9961 (9908, 1171)
9908 (9846, 6337)	9935 (9882, 3193)	9962 (9908, 8836)
9909 (9847, 396)	9936 (9882, 6814)	9963 (9910, 167)
9910 (9847, 9611)	9937 (9883, 2364)	9964 (9910, 9840)
9911 (9850, 3754)	9938 (9883, 7643)	9965 (9911, 3299)
9912 (9850, 6253)	9939 (9884, 4743)	9966 (9911, 6708)
9913 (9854, 2155)	9940 (9884, 5264)	9967 (9914, 3427)
9914 (9854, 7852)	9941 (9886, 3514)	9968 (9914, 6580)
9915 (9855, 1653)	9942 (9886, 6493)	9969 (9917, 3090)
9916 (9855, 8354)	9943 (9891, 9)	9970 (9917, 6917)
9917 (9856, 139)	9944 (9891, 9998)	9971 (9918, 4852)
9918 (9856, 9868)	9945 (9892, 2622)	9972 (9918, 5155)
9919 (9867, 3334)	9946 (9892, 7385)	9973 (9922, 1299)
9920 (9867, 6673)	9947 (9893, 1988)	9974 (9922, 8708)
9921 (9870, 4870)	9948 (9893, 8019)	9975 (9924, 1738)
9922 (9870, 5137)	9949 (9895, 1949)	9976 (9924, 8269)
9923 (9872, 3041)	9950 (9895, 8058)	9977 (9925, 4244)
9924 (9872, 6966)	9951 (9896, 115)	9978 (9925, 5763)
9925 (9873, 4189)	9952 (9896, 9892)	9979 (9926, 3569)
9926 (9873, 5818)	9953 (9898, 605)	9980 (9926, 6438)
9927 (9875, 1534)	9954 (9898, 9402)	9981 (9929, 909)
9928 (9875, 8473)	9955 (9899, 4019)	9982 (9929, 9098)
9929 (9877, 2408)	9956 (9899, 5988)	9983 (9930, 2024)
9930 (9877, 7599)	9957 (9900, 4752)	9984 (9930, 7983)
9931 (9879, 2980)	9958 (9900, 5255)	9985 (9931, 2120)
9932 (9879, 7027)	9959 (9905, 900)	9986 (9931, 7887)
9933 (9881, 1861)	9960 (9905, 9107)	9987 (9942, 3806)

9988 (9942, 6201)	10014 (9962, 7077)	10040 (9986, 8318)
9989 (9944, 3122)	10015 (9964, 813)	10041 (9990, 3653)
9990 (9944, 6885)	10016 (9964, 9194)	10042 (9990, 6354)
9991 (9945, 4617)	10017 (9967, 4599)	10043 (9992, 622)
9992 (9945, 5390)	10018 (9967, 5408)	10044 (9992, 9385)
9993 (9947, 484)	10019 (9968, 4913)	10045 (9993, 3433)
9994 (9947, 9523)	10020 (9968, 5094)	10046 (9993, 6574)
9995 (9948, 4754)	10021 (9969, 3529)	10047 (9995, 3728)
9996 (9948, 5253)	10022 (9969, 6478)	10048 (9995, 6279)
9997 (9949, 596)	10023 (9971, 874)	10049 (9997, 1338)
9998 (9949, 9411)	10024 (9971, 9133)	10050 (9997, 8669)
9999 (9952, 3973)	10025 (9976, 3611)	10051 (9998, 4350)
10000 (9952, 6034)	10026 (9976, 6396)	10052 (9998, 5657)
10001 (9953, 4903)	10027 (9978, 4531)	10053 (9999, 3951)
10002 (9953, 5104)	10028 (9978, 5476)	10054 (9999, 6056)
10003 (9954, 2399)	10029 (9979, 3826)	10055 (10000, 583)
10004 (9954, 7608)	10030 (9979, 6181)	10056 (10000, 9424)
10005 (9955, 714)	10031 (9981, 4739)	10057 (10001, 3011)
10006 (9955, 9293)	10032 (9981, 5268)	10058 (10001, 6996)
10007 (9958, 2584)	10033 (9983, 683)	10059 (10002, 4838)
10008 (9958, 7423)	10034 (9983, 9324)	10060 (10002, 5169)
10009 (9960, 3785)	10035 (9984, 3701)	10061 (10003, 4277)
10010 (9960, 6222)	10036 (9984, 6306)	10062 (10003, 5730)
10011 (9961, 695)	10037 (9985, 299)	10063 (10004, 949)
10012 (9961, 9312)	10038 (9985, 9708)	10064 (10004, 9058)
10013 (9962, 2930)	10039 (9986, 1689)	10065 (-1 , -1)

## Calculo del orden del punto P(7, 5300)

Se realiza P + P + P + ... hasta obtener (-1, -1) que es considerado como el punto al infinito. También se calcula 12345(P) = Q de la misma manera P + P + P + ... (12345 veces).

$$2(7,5300) + (7,5300) = (1142,6145)$$

$$3(7,5300) + (1142,6145) = (6794,4856)$$

$$4(7,5300) + (6794,4856) = (3831,9177)$$

$$6(7,5300) + (9551,9790) = (2759,3211)$$

$$7(7,5300) + (2759,3211) = (506,7133)$$

$$8(7,5300) + (506,7133) = (8925,7123)$$

$$10(7,5300) + (7812,5790) = (5196,3035)$$

$$12(7,5300) + (7522,6377) = (3074,7699)$$

$$15(7,5300) + (651,7085) = (571,4449)$$

$$17(7,5300) + (6902,6044) = (2850,962)$$

$$30(7,5300) + (289,7845) = (6170,2919)$$

$$39(7,5300) + (2470,5760) = (3287,4907)$$

$$48(7,5300) + (8731,1874) = (4483,5749)$$

$$63(7,5300) + (484,3783) = (395,1892)$$

$$66(7,5300) + (4407,9279) = (8630,7214)$$

$$69(7,5300) + (3056,9787) = (6070,8043)$$

$$80(7,5300) + (3847,6000) = (7326,5197)$$

$$81(7,5300) + (7326,5197) = (7300,8169)$$

$$86(7,5300) + (7291,8975) = (6104,2517)$$

$$101(7,5300) + (787,5484) = (2887,9416)$$

$$102(7,5300) + (2887,9416) = (373,1432)$$

$$104(7,5300) + (5350,2936) = (8837,2377)$$

$$106(7,5300) + (6697,4757) = (170,2122)$$

$$112(7,5300) + (1720,2701) = (4835,3766)$$

$$121(7,5300) + (3302,8544) = (5230,6796)$$

$$126(7,5300) + (808,3725) = (8002,9521)$$

$$127(7,5300) + (8002,9521) = (555,505)$$

$$139(7,5300) + (6112,6700) = (8652,274)$$

$$149(7,5300) + (402,5593) = (6558,329)$$

$$162(7,5300) + (39,8589) = (4977,1114)$$

$$168(7,5300) + (8658,4825) = (3822,677)$$

$$175(7,5300) + (9444,9863) = (3042,9779)$$

$$239(7,5300) + (3643,5004) = (2325,4015)$$

$$300(7,5300) + (7385,7918) = (6645,3320)$$

$$301(7,5300) + (6645,3320) = (2080,7659)$$

$$302(7,5300) + (2080,7659) = (6988,9869)$$

$$304(7,5300) + (653,960) = (7330,307)$$

$$305(7,5300) + (7330,307) = (876,8381)$$

$$306(7,5300) + (876,8381) = (122,5209)$$

$$307(7,5300) + (122,5209) = (1133,551)$$

$$308(7,5300) + (1133,551) = (9489,4208)$$

$$309(7,5300) + (9489,4208) = (5767,6736)$$

$$311(7,5300) + (1576,6213) = (3882,526)$$

$$312(7,5300) + (3882,526) = (1548,4444)$$

$$313(7,5300) + (1548,4444) = (1926,7851)$$

$$314(7,5300) + (1926,7851) = (9872,6966)$$

$$315(7,5300) + (9872,6966) = (8091,1173)$$

$$317(7,5300) + (7534,574) = (3545,9602)$$

$$318(7,5300) + (3545,9602) = (3487,5397)$$

$$319(7,5300) + (3487,5397) = (2541,4044)$$

$$320(7,5300) + (2541,4044) = (8989,3109)$$

$$322(7,5300) + (4949,7040) = (3125,908)$$

$$324(7,5300) + (6925,2994) = (4187,9436)$$

$$325(7,5300) + (4187,9436) = (6232,2761)$$

$$326(7,5300) + (6232,2761) = (2393,3555)$$

$$327(7,5300) + (2393,3555) = (2048,6682)$$

$$328(7,5300) + (2048,6682) = (4558,3871)$$

$$329(7,5300) + (4558,3871) = (6810,7461)$$

$$330(7,5300) + (6810,7461) = (2502,1252)$$

$$331(7,5300) + (2502,1252) = (6163,5514)$$

$$334(7,5300) + (1821,4328) = (6711,4890)$$

$$336(7,5300) + (404,1725) = (2243,1501)$$

$$337(7,5300) + (2243,1501) = (5886,9240)$$

$$340(7,5300) + (5820,3624) = (3945,4312)$$

$$341(7,5300) + (3945,4312) = (2601,8026)$$

$$342(7,5300) + (2601,8026) = (1651,5348)$$

$$344(7,5300) + (5158,5214) = (8673,3111)$$

$$345(7,5300) + (8673,3111) = (2426,721)$$

$$346(7,5300) + (2426,721) = (3150,9614)$$

$$347(7,5300) + (3150,9614) = (1598,4666)$$

$$348(7,5300) + (1598,4666) = (2231,1876)$$

$$349(7,5300) + (2231,1876) = (8165,5244)$$

$$353(7,5300) + (8950,9475) = (2061,2327)$$

$$354(7,5300) + (2061,2327) = (4910,3916)$$

$$356(7,5300) + (5161,643) = (2923,3346)$$

$$359(7,5300) + (9437,7751) = (8075,6859)$$

$$360(7,5300) + (8075,6859) = (6635,2176)$$

$$362(7,5300) + (7667,5944) = (4079,7662)$$

$$364(7,5300) + (6632,8448) = (1250,3704)$$

$$366(7,5300) + (7572,9276) = (9218,1821)$$

$$367(7,5300) + (9218,1821) = (3450,8705)$$

$$368(7,5300) + (3450,8705) = (6274,4761)$$

$$371(7,5300) + (2757,2644) = (1677,1371)$$

$$372(7,5300) + (1677,1371) = (2,2568)$$

$$373(7,5300) + (2,2568) = (5539,8139)$$

$$376(7,5300) + (892,5878) = (7309,7774)$$

$$377(7,5300) + (7309,7774) = (6801,8986)$$

$$379(7,5300) + (2421,8853) = (2333,5089)$$

$$380(7,5300) + (2333,5089) = (4274,908)$$

$$381(7,5300) + (4274,908) = (3476,386)$$

$$384(7,5300) + (9093,7887) = (1316,2723)$$

$$386(7,5300) + (2991,4718) = (5712,340)$$

$$394(7,5300) + (7597,1122) = (5505,97)$$

$$395(7,5300) + (5505,97) = (9770,8666)$$

$$398(7,5300) + (6885,8425) = (1522,118)$$

$$487(7,5300) + (3864,3350) = (1082,3878)$$

$$601(7,5300) + (4989,5060) = (6651,5943)$$

$$602(7,5300) + (6651,5943) = (3636,3309)$$

$$604(7,5300) + (7650,8175) = (3028,317)$$

$$605(7,5300) + (3028,317) = (9130,4501)$$

$$607(7,5300) + (6707,9428) = (4015,7961)$$

$$609(7,5300) + (9581,4208) = (4646,7868)$$

$$610(7,5300) + (4646,7868) = (5990,7778)$$

$$611(7,5300) + (5990,7778) = (1221,7076)$$

$$612(7,5300) + (1221,7076) = (4429,1667)$$

$$622(7,5300) + (8808,9496) = (4250,9977)$$

$$626(7,5300) + (2650,6061) = (1731,254)$$

$$632(7,5300) + (8409,7450) = (9353,2294)$$

$$634(7,5300) + (9165,7811) = (6599,7478)$$

$$636(7,5300) + (726,9646) = (9752,4537)$$

$$637(7,5300) + (9752,4537) = (7825,5620)$$

$$639(7,5300) + (6429,9431) = (3065,334)$$

$$642(7,5300) + (509,7663) = (518,5830)$$

$$649(7,5300) + (1287,8331) = (9168,1097)$$

$$664(7,5300) + (4475,2840) = (8431,2841)$$

$$668(7,5300) + (6728,4055) = (3350,794)$$

$$669(7,5300) + (3350,794) = (7660,9296)$$

$$671(7,5300) + (4427,9770) = (4054,5663)$$

$$674(7,5300) + (4224,4001) = (7710,4778)$$

$$675(7,5300) + (7710,4778) = (6571,4158)$$

$$677(7,5300) + (6782,6401) = (803,4619)$$

$$678(7,5300) + (803,4619) = (2179,2140)$$

$$679(7,5300) + (2179,2140) = (3626,7558)$$

$$680(7,5300) + (3626,7558) = (8046,1248)$$

$$682(7,5300) + (7314,9778) = (6473,2963)$$

$$686(7,5300) + (4046,5364) = (367,311)$$

$$687(7,5300) + (367,311) = (9709,2565)$$

$$688(7,5300) + (9709,2565) = (2063,8253)$$

$$689(7,5300) + (2063,8253) = (276,5737)$$

$$690(7,5300) + (276,5737) = (1743,1552)$$

$$691(7,5300) + (1743,1552) = (3759,6997)$$

$$694(7,5300) + (5918,4567) = (6481,690)$$

$$698(7,5300) + (4856,4921) = (736,1850)$$

$$702(7,5300) + (8408,5034) = (2608,9099)$$

$$722(7,5300) + (8794,5068) = (2295,9259)$$

$$734(7,5300) + (2577,2571) = (3178,9877)$$

$$749(7,5300) + (901,9758) = (4277,1212)$$

$$800(7,5300) + (87,3601) = (9515,1990)$$

$$804(7,5300) + (2533,240) = (9055,203)$$

$$806(7,5300) + (2305,5756) = (3803,1759)$$

$$807(7,5300) + (3803,1759) = (7103,3481)$$

$$808(7,5300) + (7103,3481) = (4952,1342)$$

$$814(7,5300) + (7026,5273) = (7467,1746)$$

$$817(7,5300) + (8189,1479) = (2034,7213)$$

$$823(7,5300) + (9145,8140) = (4572,9999)$$

$$834(7,5300) + (7509,3342) = (7449,5094)$$

$$837(7,5300) + (835,8950) = (1774,5982)$$

$$839(7,5300) + (9606,651) = (3962,5286)$$

$$842(7,5300) + (8347,5968) = (2967,3630)$$

$$860(7,5300) + (7031,9754) = (2477,4252)$$

$$868(7,5300) + (226,3602) = (5209,2819)$$

$$869(7,5300) + (5209,2819) = (7416,1979)$$

$$877(7,5300) + (586,9074) = (656,6595)$$

$$880(7,5300) + (358,7213) = (1525,197)$$

$$881(7,5300) + (1525,197) = (9276,9939)$$

$$884(7,5300) + (2025,5672) = (5081,9276)$$

$$887(7,5300) + (2528,451) = (4203,4430)$$

$$888(7,5300) + (4203,4430) = (6340,5939)$$

$$894(7,5300) + (5888,3912) = (6793,6101)$$

$$896(7,5300) + (7821,1263) = (9893,8019)$$

$$906(7,5300) + (4199,9871) = (779,3531)$$

$$919(7,5300) + (8893,9927) = (2812,520)$$

$$974(7,5300) + (8063,3713) = (275,6951)$$

$$977(7,5300) + (8873,5959) = (5171,1217)$$

$$986(7,5300) + (8994,3991) = (877,8594)$$

$$987(7,5300) + (877,8594) = (3215,3327)$$

$$989(7,5300) + (2549,7462) = (125,4087)$$

$$992(7,5300) + (739,43) = (2241,9951)$$

$$1002(7,5300) + (1162,8050) = (3080,726)$$

$$1003(7,5300) + (3080,726) = (7394,8779)$$

$$1009(7,5300) + (342,5605) = (6743,7237)$$

$$1017(7,5300) + (1788,6084) = (9398,1753)$$

$$1020(7,5300) + (3335,1276) = (4700,7567)$$

$$1029(7,5300) + (2029,3597) = (7912,9895)$$

$$1044(7,5300) + (2358,631) = (3373,5156)$$

$$1046(7,5300) + (6716,927) = (4602,4261)$$

$$1047(7,5300) + (4602,4261) = (9295,8471)$$

$$1057(7,5300) + (5053,8530) = (716,858)$$

$$1066(7,5300) + (6766,5485) = (4874,3416)$$

$$1069(7,5300) + (232,5701) = (8972,8521)$$

$$1071(7,5300) + (7162,155) = (2607,6178)$$

$$1079(7,5300) + (3338,5071) = (3607,1028)$$

$$1107(7,5300) + (7401,2476) = (6,7251)$$

$$1108(7,5300) + (6,7251) = (3728,9303)$$

$$1177(7,5300) + (3794,7542) = (5236,3609)$$

$$1179(7,5300) + (2576,9061) = (5625,5979)$$

$$1202(7,5300) + (7826,3229) = (7169,7377)$$

$$1206(7,5300) + (9205,8503) = (20,8692)$$

$$1229(7,5300) + (4271,2344) = (8564,9522)$$

$$1242(7,5300) + (107,6350) = (2498,3569)$$

$$1255(7,5300) + (1258,5044) = (106,7319)$$

$$1276(7,5300) + (4255,2770) = (1700,1329)$$

$$1297(7,5300) + (7304,1559) = (59,9347)$$

$$1313(7,5300) + (2529,5135) = (9116,355)$$

$$1316(7,5300) + (4402,499) = (8504,9319)$$

$$1317(7,5300) + (8504,9319) = (3589,960)$$

$$1320(7,5300) + (8023,2710) = (8707,5211)$$

$$1332(7,5300) + (710,3607) = (6172,3369)$$

$$1344(7,5300) + (1473,9651) = (5844,8305)$$

$$1346(7,5300) + (714,21) = (7212,7918)$$

$$1347(7,5300) + (7212,7918) = (8798,3178)$$

$$1354(7,5300) + (1500,7500) = (3705,1215)$$

$$1366(7,5300) + (7310,9923) = (5229,7277)$$

$$1370(7,5300) + (9025,5354) = (5082,4377)$$

$$1371(7,5300) + (5082,4377) = (3596,93)$$

$$1377(7,5300) + (1633,2838) = (6757,157)$$

$$1421(7,5300) + (4987,574) = (3807,396)$$

$$1424(7,5300) + (5077,8821) = (9750,5518)$$

$$1436(7,5300) + (3890,487) = (7552,7959)$$

$$1444(7,5300) + (5992,3671) = (9809,4275)$$

$$1445(7,5300) + (9809,4275) = (216,3662)$$

$$1446(7,5300) + (216,3662) = (7349,1249)$$

$$1447(7,5300) + (7349,1249) = (7365,1235)$$

$$1448(7,5300) + (7365,1235) = (2863,823)$$

$$1449(7,5300) + (2863,823) = (7418,119)$$

$$1455(7,5300) + (6585,735) = (5402,837)$$

$$1470(7,5300) + (4503,6705) = (2409,7709)$$

$$1475(7,5300) + (5460,35) = (3422,3666)$$

$$1476(7,5300) + (3422,3666) = (4018,789)$$

$$1624(7,5300) + (5922,8864) = (7765,3071)$$

$$1637(7,5300) + (1481,9184) = (2244,7516)$$

$$1664(7,5300) + (2216,7785) = (6345,7643)$$

$$1668(7,5300) + (705,2124) = (6072,3917)$$

$$1671(7,5300) + (5467,2305) = (1765,3417)$$

$$1672(7,5300) + (1765,3417) = (9372,9723)$$

$$1717(7,5300) + (7701,9637) = (3951,2437)$$

$$1718(7,5300) + (3951,2437) = (2571,7573)$$

$$1719(7,5300) + (2571,7573) = (5573,7196)$$

$$1721(7,5300) + (6927,462) = (2322,1134)$$

$$1722(7,5300) + (2322,1134) = (4220,3734)$$

$$1723(7,5300) + (4220,3734) = (7772,1572)$$

$$1724(7,5300) + (7772,1572) = (5597,9195)$$

$$1725(7,5300) + (5597,9195) = (8237,4522)$$

$$1726(7,5300) + (8237,4522) = (8684,7998)$$

$$1729(7,5300) + (4152,2674) = (3018,1972)$$

$$1740(7,5300) + (2611,5555) = (612,3345)$$

$$1741(7,5300) + (612,3345) = (362,892)$$

$$1744(7,5300) + (2221,6102) = (6283,4576)$$

$$1745(7,5300) + (6283,4576) = (195,8109)$$

$$1749(7,5300) + (5470,6497) = (2071,5145)$$

$$1754(7,5300) + (3968,4337) = (5374,570)$$

$$1771(7,5300) + (9142,6574) = (5037,4849)$$

$$1772(7,5300) + (5037,4849) = (7953,7771)$$

$$1773(7,5300) + (7953,7771) = (1062,3617)$$

$$1776(7,5300) + (8001,9273) = (1723,2024)$$

$$1778(7,5300) + (6792,4924) = (7052,1189)$$

$$1786(7,5300) + (8132,8698) = (1293,510)$$

$$1794(7,5300) + (4108,2390) = (7519,250)$$

$$1795(7,5300) + (7519,250) = (2652,4026)$$

$$1826(7,5300) + (3433,2600) = (9719,7226)$$

$$1827(7,5300) + (9719,7226) = (5246,8653)$$

$$1832(7,5300) + (438,995) = (3279,8854)$$

$$1840(7,5300) + (1157,745) = (4337,4019)$$

$$1854(7,5300) + (9153,6017) = (4017,7872)$$

$$1857(7,5300) + (5865,4255) = (732,3796)$$

$$1864(7,5300) + (3208,9942) = (7075,5599)$$

$$1867(7,5300) + (702,2064) = (450,7360)$$

$$1877(7,5300) + (1129,6557) = (2085,2486)$$

$$1967(7,5300) + (26,6887) = (1261,35)$$

$$1990(7,5300) + (1726,10) = (8552,7799)$$

$$2072(7,5300) + (6824,4287) = (8729,2778)$$

$$2094(7,5300) + (317,2242) = (6047,373)$$

$$2300(7,5300) + (15,551) = (2280,9326)$$

$$2340(7,5300) + (2423,5204) = (7200,4794)$$

$$2369(7,5300) + (3544,5501) = (3477,4722)$$

$$2447(7,5300) + (3543,3924) = (6719,1523)$$

$$2716(7,5300) + (1220,7447) = (1529,4917)$$

$$2786(7,5300) + (526,4077) = (259,789)$$

$$2918(7,5300) + (6089,30) = (57,3875)$$

$$3000(7,5300) + (1569,6048) = (6327,5486)$$

$$3001(7,5300) + (6327,5486) = (6201,3277)$$

$$3002(7,5300) + (6201,3277) = (4432,4367)$$

$$3004(7,5300) + (86,2573) = (8973,6774)$$

$$3006(7,5300) + (5386,8459) = (352,3790)$$

$$3007(7,5300) + (352,3790) = (5331,7270)$$

$$3008(7,5300) + (5331,7270) = (6611,2316)$$

$$3010(7,5300) + (7209,8040) = (547,5288)$$

$$3011(7,5300) + (547,5288) = (2075,8311)$$

$$3014(7,5300) + (6721,1625) = (2172,817)$$

$$3015(7,5300) + (2172,817) = (2411,3787)$$

$$3016(7,5300) + (2411,3787) = (8642,5059)$$

$$3017(7,5300) + (8642,5059) = (972,3830)$$

$$3020(7,5300) + (2166,5811) = (8763,7506)$$

$$3021(7,5300) + (8763,7506) = (5280,7518)$$

$$3022(7,5300) + (5280,7518) = (5363,5779)$$

$$3023(7,5300) + (5363,5779) = (4367,7157)$$

$$3024(7,5300) + (4367,7157) = (4179,2774)$$

$$3026(7,5300) + (4708,6330) = (1515,579)$$

$$3027(7,5300) + (1515,579) = (9149,559)$$

$$3028(7,5300) + (9149,559) = (4057,1135)$$

$$3030(7,5300) + (8686,3366) = (5372,7579)$$

$$3031(7,5300) + (5372,7579) = (1768,7889)$$

$$3039(7,5300) + (6518,2254) = (8923,2091)$$

$$3040(7,5300) + (8923,2091) = (4158,4660)$$

$$3042(7,5300) + (4988,6514) = (2428,3241)$$

$$3043(7,5300) + (2428,3241) = (4831,4234)$$

$$3044(7,5300) + (4831,4234) = (8376,4121)$$

$$3045(7,5300) + (8376,4121) = (3371,4485)$$

$$3046(7,5300) + (3371,4485) = (3232,2701)$$

$$3047(7,5300) + (3232,2701) = (7998,3585)$$

$$3048(7,5300) + (7998,3585) = (862,8045)$$

$$3049(7,5300) + (862,8045) = (5711,1668)$$

$$3051(7,5300) + (8917,3012) = (7203,946)$$

$$3052(7,5300) + (7203,946) = (6608,5255)$$

$$3053(7,5300) + (6608,5255) = (857,4590)$$

$$3054(7,5300) + (857,4590) = (4001,8985)$$

$$3055(7,5300) + (4001,8985) = (1850,8426)$$

$$3056(7,5300) + (1850,8426) = (2806,1040)$$

$$3057(7,5300) + (2806,1040) = (7069,1233)$$

$$3062(7,5300) + (9953,4903) = (759,7031)$$

$$3063(7,5300) + (759,7031) = (6744,6512)$$

$$3064(7,5300) + (6744,6512) = (1490,5477)$$

$$3066(7,5300) + (6869,4664) = (3378,7694)$$

$$3067(7,5300) + (3378,7694) = (3475,2538)$$

$$3068(7,5300) + (3475,2538) = (2707,4295)$$

$$3069(7,5300) + (2707,4295) = (7501,7830)$$

$$3070(7,5300) + (7501,7830) = (8722,9913)$$

$$3071(7,5300) + (8722,9913) = (519,9974)$$

$$3072(7,5300) + (519,9974) = (1887,1617)$$

$$3074(7,5300) + (7104,3850) = (7877,8798)$$

$$3075(7,5300) + (7877,8798) = (9203,612)$$

$$3078(7,5300) + (8151,6421) = (2798,8492)$$

$$3079(7,5300) + (2798,8492) = (1900,674)$$

$$3082(7,5300) + (9315,2216) = (1705,4216)$$

$$3083(7,5300) + (1705,4216) = (4567,9669)$$

$$3085(7,5300) + (8009,231) = (6592,811)$$

$$3086(7,5300) + (6592,811) = (5821,7982)$$

$$3087(7,5300) + (5821,7982) = (16,2782)$$

$$3088(7,5300) + (16,2782) = (6474,1651)$$

$$3089(7,5300) + (6474,1651) = (5557,3820)$$

$$3090(7,5300) + (5557,3820) = (2753,4105)$$

$$3091(7,5300) + (2753,4105) = (4562,6241)$$

$$3092(7,5300) + (4562,6241) = (4343,2269)$$

$$3093(7,5300) + (4343,2269) = (5005,137)$$

$$3094(7,5300) + (5005,137) = (5836,5785)$$

$$3095(7,5300) + (5836,5785) = (8645,9542)$$

$$3096(7,5300) + (8645,9542) = (6682,910)$$

$$3099(7,5300) + (6889,5689) = (8242,7029)$$

$$3100(7,5300) + (8242,7029) = (7400,4517)$$

$$3104(7,5300) + (6881,6240) = (5563,7115)$$

$$3107(7,5300) + (2754,6847) = (9589,6939)$$

$$3112(7,5300) + (2662,4067) = (1742,9753)$$

$$3114(7,5300) + (3140,2301) = (100,2656)$$

$$3118(7,5300) + (1453,8476) = (6114,4221)$$

$$3120(7,5300) + (7430,8891) = (4979,138)$$

$$3121(7,5300) + (4979,138) = (3173,2278)$$

$$3122(7,5300) + (3173,2278) = (6559,1308)$$

$$3123(7,5300) + (6559,1308) = (5973,1915)$$

$$3125(7,5300) + (7885,5745) = (5612,5197)$$

$$3126(7,5300) + (5612,5197) = (1390,8737)$$

$$3128(7,5300) + (8236,6159) = (8032,2545)$$

$$3129(7,5300) + (8032,2545) = (683,8786)$$

$$3130(7,5300) + (683,8786) = (2503,7231)$$

$$3136(7,5300) + (5179,8648) = (2805,3453)$$

$$3137(7,5300) + (2805,3453) = (5013,458)$$

$$3140(7,5300) + (1849,6095) = (2820,6997)$$

$$3145(7,5300) + (3967,2358) = (1861,717)$$

$$3147(7,5300) + (3399,3657) = (4786,4051)$$

$$3148(7,5300) + (4786,4051) = (8896,5422)$$

$$3149(7,5300) + (8896,5422) = (5813,3443)$$

$$3150(7,5300) + (5813,3443) = (7882,1326)$$

$$3151(7,5300) + (7882,1326) = (1691,9829)$$

$$3152(7,5300) + (1691,9829) = (3239,1458)$$

$$3153(7,5300) + (3239,1458) = (1076,1352)$$

$$3155(7,5300) + (5802,9830) = (4023,1300)$$

$$3156(7,5300) + (4023,1300) = (2623,7791)$$

$$3157(7,5300) + (2623,7791) = (5055,7306)$$

$$3158(7,5300) + (5055,7306) = (7111,3343)$$

$$3162(7,5300) + (9614,4184) = (2132,1280)$$

$$3163(7,5300) + (2132,1280) = (2706,6799)$$

$$3164(7,5300) + (2706,6799) = (6252,6129)$$

$$3168(7,5300) + (9171,9423) = (6341,1510)$$

$$3170(7,5300) + (4647,554) = (6703,4206)$$

$$3172(7,5300) + (4555,9252) = (7341,508)$$

$$3173(7,5300) + (7341,508) = (4730,2739)$$

$$3174(7,5300) + (4730,2739) = (599,6776)$$

$$3176(7,5300) + (9616,6105) = (1358,8923)$$

$$3177(7,5300) + (1358,8923) = (7943,8972)$$

$$3178(7,5300) + (7943,8972) = (2306,5570)$$

$$3179(7,5300) + (2306,5570) = (4450,555)$$

$$3181(7,5300) + (4890,5) = (2773,3829)$$

$$3185(7,5300) + (7096,6694) = (3219,7915)$$

$$3186(7,5300) + (3219,7915) = (1380,1561)$$

$$3187(7,5300) + (1380,1561) = (3156,3567)$$

$$3188(7,5300) + (3156,3567) = (6013,2235)$$

$$3189(7,5300) + (6013,2235) = (5239,739)$$

$$3190(7,5300) + (5239,739) = (2793,3100)$$

$$3200(7,5300) + (9632,1804) = (6492,8019)$$

$$3204(7,5300) + (3016,9984) = (8012,8595)$$

$$3205(7,5300) + (8012,8595) = (7076,4810)$$

$$3206(7,5300) + (7076,4810) = (554,7218)$$

$$3207(7,5300) + (554,7218) = (2272,6150)$$

$$3209(7,5300) + (8322,8523) = (6891,1047)$$

$$3212(7,5300) + (3177,6516) = (7955,2460)$$

$$3214(7,5300) + (8746,1625) = (9408,134)$$

$$3215(7,5300) + (9408,134) = (3949,9347)$$

$$3216(7,5300) + (3949,9347) = (4579,6319)$$

$$3217(7,5300) + (4579,6319) = (2488,2020)$$

$$3218(7,5300) + (2488,2020) = (2841,6804)$$

$$3220(7,5300) + (234,7369) = (2631,6359)$$

$$3224(7,5300) + (2939,466) = (1822,9167)$$

$$3225(7,5300) + (1822,9167) = (5415,810)$$

$$3226(7,5300) + (5415,810) = (1479,5337)$$

$$3229(7,5300) + (2942,9900) = (5167,3490)$$

$$3230(7,5300) + (5167,3490) = (2349,9989)$$

$$3231(7,5300) + (2349,9989) = (1247,2626)$$

$$3232(7,5300) + (1247,2626) = (2318,8706)$$

$$3233(7,5300) + (2318,8706) = (4477,2696)$$

$$3234(7,5300) + (4477,2696) = (4468,3988)$$

$$3236(7,5300) + (3267,2864) = (2332,9207)$$

$$3237(7,5300) + (2332,9207) = (1449,2895)$$

$$3239(7,5300) + (6298,2923) = (616,8268)$$

$$3240(7,5300) + (616,8268) = (8005,9552)$$

$$3241(7,5300) + (8005,9552) = (4373,2501)$$

$$3242(7,5300) + (4373,2501) = (1535,3037)$$

$$3243(7,5300) + (1535,3037) = (7693,9135)$$

$$3244(7,5300) + (7693,9135) = (763,1705)$$

$$3245(7,5300) + (763,1705) = (757,7241)$$

$$3246(7,5300) + (757,7241) = (990,7887)$$

$$3247(7,5300) + (990,7887) = (4105,2056)$$

$$3248(7,5300) + (4105,2056) = (981,6362)$$

$$3249(7,5300) + (981,6362) = (1841,9180)$$

$$3251(7,5300) + (9891,9998) = (9658,5998)$$

$$3254(7,5300) + (676,3767) = (3925,5114)$$

$$3255(7,5300) + (3925,5114) = (6463,9994)$$

$$3256(7,5300) + (6463,9994) = (5572,4446)$$

$$3257(7,5300) + (5572,4446) = (1127,4753)$$

$$3258(7,5300) + (1127,4753) = (3459,1997)$$

$$3260(7,5300) + (5142,2921) = (2012,8676)$$

$$3261(7,5300) + (2012,8676) = (622,5044)$$

$$3262(7,5300) + (622,5044) = (6409,9715)$$

$$3263(7,5300) + (6409,9715) = (4645,852)$$

$$3264(7,5300) + (4645,852) = (6961,8308)$$

$$3266(7,5300) + (1827,7808) = (4986,7281)$$

$$3267(7,5300) + (4986,7281) = (2566,2903)$$

$$3268(7,5300) + (2566,2903) = (5914,7096)$$

$$3269(7,5300) + (5914,7096) = (9804,7251)$$

$$3270(7,5300) + (9804,7251) = (5832,3309)$$

$$3271(7,5300) + (5832,3309) = (4666,644)$$

$$3274(7,5300) + (9790,4390) = (8709,627)$$

$$3275(7,5300) + (8709,627) = (8654,3174)$$

$$3276(7,5300) + (8654,3174) = (55,1571)$$

$$3277(7,5300) + (55,1571) = (5387,9877)$$

$$3278(7,5300) + (5387,9877) = (9762,1551)$$

$$3279(7,5300) + (9762,1551) = (7804,3196)$$

$$3284(7,5300) + (3448,6442) = (7818,2548)$$

$$3285(7,5300) + (7818,2548) = (3218,8047)$$

$$3286(7,5300) + (3218,8047) = (4183,4039)$$

$$3287(7,5300) + (4183,4039) = (6652,6160)$$

$$3290(7,5300) + (8166,5768) = (5362,6518)$$

$$3294(7,5300) + (7253,9052) = (7894,6893)$$

$$3298(7,5300) + (7126,9194) = (7257,5709)$$

$$3299(7,5300) + (7257,5709) = (3067,9669)$$

$$3302(7,5300) + (928,4784) = (5388,4071)$$

$$3303(7,5300) + (5388,4071) = (2264,7575)$$

$$3304(7,5300) + (2264,7575) = (9758,48)$$

$$3305(7,5300) + (9758,48) = (2913,3567)$$

$$3306(7,5300) + (2913,3567) = (1737,3218)$$

$$3307(7,5300) + (1737,3218) = (3367,9734)$$

$$3308(7,5300) + (3367,9734) = (1328,51)$$

$$3309(7,5300) + (1328,51) = (2312,7889)$$

$$3310(7,5300) + (2312,7889) = (2152,3166)$$

$$3311(7,5300) + (2152,3166) = (9343,1063)$$

$$3314(7,5300) + (7161,3448) = (5441,8363)$$

$$3317(7,5300) + (1750,8404) = (422,4921)$$

$$3318(7,5300) + (422,4921) = (6914,6578)$$

$$3320(7,5300) + (5744,8047) = (80,5450)$$

$$3321(7,5300) + (80,5450) = (2334,9110)$$

$$3323(7,5300) + (1660,3768) = (6261,7894)$$

$$3326(7,5300) + (5284,5471) = (5109,4371)$$

$$3328(7,5300) + (1312,1522) = (7730,2550)$$

$$3333(7,5300) + (8489,2903) = (1739,2129)$$

$$3335(7,5300) + (673,5961) = (5028,3435)$$

$$3336(7,5300) + (5028,3435) = (4076,5186)$$

$$3337(7,5300) + (4076,5186) = (8087,2870)$$

$$3338(7,5300) + (8087,2870) = (629,8882)$$

$$3341(7,5300) + (7578,9954) = (2157,7270)$$

$$3342(7,5300) + (2157,7270) = (2283,9417)$$

$$3343(7,5300) + (2283,9417) = (6073,1798)$$

$$3344(7,5300) + (6073,1798) = (8250,4817)$$

$$3345(7,5300) + (8250,4817) = (4032,2771)$$

$$3346(7,5300) + (4032,2771) = (8171,1115)$$

$$3349(7,5300) + (5256,3486) = (9329,1704)$$

$$3353(7,5300) + (5578,2814) = (8845,503)$$

$$3354(7,5300) + (8845,503) = (271,6012)$$

$$3359(7,5300) + (9221,901) = (8028,9591)$$

$$3360(7,5300) + (8028,9591) = (2118,2370)$$

$$3361(7,5300) + (2118,2370) = (9717,7395)$$

$$3362(7,5300) + (9717,7395) = (5035,1561)$$

$$3364(7,5300) + (10,9862) = (1905,7169)$$

$$3366(7,5300) + (6536,7341) = (1890,6937)$$

$$3368(7,5300) + (1518,1916) = (7080,8759)$$

$$3369(7,5300) + (7080,8759) = (6127,7686)$$

$$3371(7,5300) + (6235,3103) = (1972,1327)$$

$$3372(7,5300) + (1972,1327) = (2585,8687)$$

$$3373(7,5300) + (2585,8687) = (8665,125)$$

$$3374(7,5300) + (8665,125) = (1456,632)$$

$$3375(7,5300) + (1456,632) = (8627,7283)$$

$$3376(7,5300) + (8627,7283) = (1542,4766)$$

$$3378(7,5300) + (7891,5344) = (5980,3379)$$

$$3379(7,5300) + (5980,3379) = (4752,1924)$$

$$3380(7,5300) + (4752,1924) = (128,2488)$$

$$3386(7,5300) + (5395,344) = (2345,3247)$$

$$3388(7,5300) + (1640,8953) = (9777,7719)$$

$$3389(7,5300) + (9777,7719) = (9825,5058)$$

$$3390(7,5300) + (9825,5058) = (7292,7504)$$

$$3391(7,5300) + (7292,7504) = (3521,7192)$$

$$3392(7,5300) + (3521,7192) = (3995,9514)$$

$$3393(7,5300) + (3995,9514) = (836,3555)$$

$$3394(7,5300) + (836,3555) = (1752,4457)$$

$$3395(7,5300) + (1752,4457) = (6666,9954)$$

$$3396(7,5300) + (6666,9954) = (4921,7987)$$

$$3398(7,5300) + (1403,5528) = (1302,940)$$

$$3399(7,5300) + (1302,940) = (242,9671)$$

$$3400(7,5300) + (242,9671) = (7302,9118)$$

$$3401(7,5300) + (7302,9118) = (921,8311)$$

$$3402(7,5300) + (921,8311) = (3214,9503)$$

$$3403(7,5300) + (3214,9503) = (3361,4917)$$

$$3406(7,5300) + (8595,1001) = (7992,7067)$$

$$3407(7,5300) + (7992,7067) = (1896,9639)$$

$$3408(7,5300) + (1896,9639) = (5181,7327)$$

$$3409(7,5300) + (5181,7327) = (3584,801)$$

$$3412(7,5300) + (552,7308) = (9288,9420)$$

$$3414(7,5300) + (3563,5259) = (3738,42)$$

$$3415(7,5300) + (3738,42) = (9064,4897)$$

$$3416(7,5300) + (9064,4897) = (5427,9044)$$

$$3417(7,5300) + (5427,9044) = (792,9039)$$

$$3418(7,5300) + (792,9039) = (4693,8482)$$

$$3419(7,5300) + (4693,8482) = (4200,8104)$$

$$3420(7,5300) + (4200,8104) = (5822,162)$$

$$3421(7,5300) + (5822,162) = (4214,9486)$$

$$3422(7,5300) + (4214,9486) = (4792,4658)$$

$$3423(7,5300) + (4792,4658) = (7611,2791)$$

$$3424(7,5300) + (7611,2791) = (6610,1873)$$

$$3425(7,5300) + (6610,1873) = (7251,4446)$$

$$3426(7,5300) + (7251,4446) = (5303,2889)$$

$$3427(7,5300) + (5303,2889) = (8351,630)$$

$$3429(7,5300) + (6410,3208) = (7469,5529)$$

$$3434(7,5300) + (8814,1035) = (3859,523)$$

$$3440(7,5300) + (4507,4294) = (5279,9497)$$

$$3441(7,5300) + (5279,9497) = (3286,9972)$$

$$3442(7,5300) + (3286,9972) = (3571,5873)$$

$$3443(7,5300) + (3571,5873) = (4541,8712)$$

$$3446(7,5300) + (9808,2755) = (2487,8364)$$

$$3447(7,5300) + (2487,8364) = (7897,3352)$$

$$3448(7,5300) + (7897,3352) = (919,800)$$

$$3449(7,5300) + (919,800) = (6737,783)$$

$$3450(7,5300) + (6737,783) = (8734,7134)$$

$$3452(7,5300) + (4441,7714) = (9088,9594)$$

$$3454(7,5300) + (7159,4155) = (2764,2357)$$

$$3456(7,5300) + (7045,8768) = (4931,3876)$$

$$3457(7,5300) + (4931,3876) = (2792,74)$$

$$3458(7,5300) + (2792,74) = (2970,4270)$$

$$3459(7,5300) + (2970,4270) = (1441,8316)$$

$$3463(7,5300) + (8704,2428) = (5452,1096)$$

$$3467(7,5300) + (8959,2903) = (3815,1917)$$

$$3471(7,5300) + (8589,8392) = (3732,8225)$$

$$3472(7,5300) + (3732,8225) = (5533,5875)$$

$$3474(7,5300) + (8544,3404) = (9121,8963)$$

$$3476(7,5300) + (7760,448) = (5925,2623)$$

$$3482(7,5300) + (2903,1755) = (6895,9075)$$

$$3484(7,5300) + (7213,6938) = (7668,9773)$$

$$3487(7,5300) + (5292,1055) = (2347,4854)$$

$$3488(7,5300) + (2347,4854) = (5782,5936)$$

$$3490(7,5300) + (5067,3292) = (8084,9795)$$

$$3492(7,5300) + (1097,2631) = (460,7735)$$

$$3495(7,5300) + (9044,5616) = (3767,361)$$

$$3496(7,5300) + (3767,361) = (7606,9145)$$

$$3498(7,5300) + (2354,7985) = (3573,3514)$$

$$3499(7,5300) + (3573,3514) = (6999,4746)$$

$$3500(7,5300) + (6999,4746) = (49,3136)$$

$$3501(7,5300) + (49,3136) = (443,9540)$$

$$3502(7,5300) + (443,9540) = (3471,3612)$$

$$3506(7,5300) + (5950,2844) = (6297,236)$$

$$3527(7,5300) + (5987,6864) = (6140,9723)$$

$$3529(7,5300) + (5401,5725) = (9362,3059)$$

$$3530(7,5300) + (9362,3059) = (1447,4362)$$

$$3536(7,5300) + (3392,4851) = (6472,4249)$$

$$3538(7,5300) + (9513,3864) = (8726,8978)$$

$$3540(7,5300) + (4045,5081) = (3805,6162)$$

$$3543(7,5300) + (2539,4537) = (5692,2875)$$

$$3553(7,5300) + (9170,9855) = (6502,2874)$$

$$3554(7,5300) + (6502,2874) = (7269,6039)$$

$$3557(7,5300) + (286,9023) = (5905,7028)$$

$$3558(7,5300) + (5905,7028) = (4377,1014)$$

$$3564(7,5300) + (6663,9827) = (5647,5213)$$

$$3565(7,5300) + (5647,5213) = (8405,2569)$$

$$3568(7,5300) + (530,9736) = (4312,4547)$$

$$3569(7,5300) + (4312,4547) = (875,7446)$$

$$3577(7,5300) + (6982,7659) = (3050,939)$$

$$3581(7,5300) + (3555,2304) = (2359,9412)$$

$$3584(7,5300) + (7560,3358) = (7177,3437)$$

$$3585(7,5300) + (7177,3437) = (4619,7890)$$

$$3588(7,5300) + (3857,8457) = (6612,2293)$$

$$3600(7,5300) + (7442,4099) = (3351,6725)$$

$$3602(7,5300) + (5869,3005) = (896,3913)$$

$$3603(7,5300) + (896,3913) = (6980,9260)$$

$$3604(7,5300) + (6980,9260) = (3152,5883)$$

$$3605(7,5300) + (3152,5883) = (7542,1767)$$

$$3606(7,5300) + (7542,1767) = (8373,45)$$

$$3607(7,5300) + (8373,45) = (3959,601)$$

$$3608(7,5300) + (3959,601) = (7092,4803)$$

$$3609(7,5300) + (7092,4803) = (4673,8797)$$

$$3611(7,5300) + (1464,9515) = (6706,3322)$$

$$3614(7,5300) + (4751,3123) = (579,911)$$

$$3619(7,5300) + (7393,8639) = (3391,9396)$$

$$3633(7,5300) + (8550,7362) = (2902,377)$$

$$3634(7,5300) + (2902,377) = (9401,6143)$$

$$3636(7,5300) + (461,7225) = (7870,3923)$$

$$3637(7,5300) + (7870,3923) = (2583,1783)$$

$$3638(7,5300) + (2583,1783) = (8070,4508)$$

$$3639(7,5300) + (8070,4508) = (6062,387)$$

$$3642(7,5300) + (2669,4026) = (5328,7840)$$

$$3644(7,5300) + (4736,6903) = (2005,3907)$$

$$3645(7,5300) + (2005,3907) = (4800,3536)$$

$$3646(7,5300) + (4800,3536) = (962,8161)$$

$$3647(7,5300) + (962,8161) = (3580,332)$$

$$3648(7,5300) + (3580,332) = (8829,7899)$$

$$3649(7,5300) + (8829,7899) = (1023,36)$$

$$3650(7,5300) + (1023,36) = (5007,5792)$$

$$3652(7,5300) + (5352,9825) = (9327,2836)$$

$$3654(7,5300) + (7011,8311) = (6546,3769)$$

$$3656(7,5300) + (4741,8140) = (727,4998)$$

$$3657(7,5300) + (727,4998) = (7270,10005)$$

$$3658(7,5300) + (7270,10005) = (6059,5150)$$

$$3660(7,5300) + (6842,8319) = (7621,1524)$$

$$3661(7,5300) + (7621,1524) = (8362,9781)$$

$$3662(7,5300) + (8362,9781) = (2727,4404)$$

$$3663(7,5300) + (2727,4404) = (4244,1629)$$

$$3664(7,5300) + (4244,1629) = (3912,2422)$$

$$3665(7,5300) + (3912,2422) = (4829,655)$$

$$3666(7,5300) + (4829,655) = (1929,6932)$$

$$3667(7,5300) + (1929,6932) = (6852,2227)$$

$$3668(7,5300) + (6852,2227) = (6937,8074)$$

$$3669(7,5300) + (6937,8074) = (3637,4207)$$

$$3670(7,5300) + (3637,4207) = (251,8265)$$

$$3671(7,5300) + (251,8265) = (1057,2693)$$

$$3672(7,5300) + (1057,2693) = (3229,584)$$

$$3673(7,5300) + (3229,584) = (3575,8420)$$

$$3674(7,5300) + (3575,8420) = (8361,2024)$$

$$3675(7,5300) + (8361,2024) = (9445,1149)$$

$$3677(7,5300) + (9512,8123) = (5075,435)$$

$$3680(7,5300) + (8349,863) = (2292,511)$$

$$3687(7,5300) + (7774,2551) = (8835,5113)$$

$$3688(7,5300) + (8835,5113) = (902,4251)$$

$$3689(7,5300) + (902,4251) = (6773,5459)$$

$$3693(7,5300) + (1349,4625) = (6537,3413)$$

$$3695(7,5300) + (9197,3838) = (529,6933)$$

$$3696(7,5300) + (529,6933) = (7681,599)$$

$$3697(7,5300) + (7681,599) = (8663,3719)$$

$$3698(7,5300) + (8663,3719) = (3663,2110)$$

$$3700(7,5300) + (9506,804) = (2469,8447)$$

$$3701(7,5300) + (2469,8447) = (1234,9142)$$

$$3703(7,5300) + (5321,6891) = (2640,7491)$$

$$3706(7,5300) + (7626,4636) = (1294,4500)$$

$$3708(7,5300) + (7040,4429) = (3087,4700)$$

$$3710(7,5300) + (9119,3363) = (3419,6737)$$

$$3714(7,5300) + (9694,5433) = (8229,1307)$$

$$3715(7,5300) + (8229,1307) = (9962,7077)$$

$$3716(7,5300) + (9962,7077) = (6213,7023)$$

$$3717(7,5300) + (6213,7023) = (2519,7270)$$

$$3718(7,5300) + (2519,7270) = (8821,4567)$$

$$3719(7,5300) + (8821,4567) = (6778,6452)$$

$$3720(7,5300) + (6778,6452) = (931,2896)$$

$$3722(7,5300) + (4830,3306) = (2007,5482)$$

$$3723(7,5300) + (2007,5482) = (4879,7626)$$

$$3725(7,5300) + (10004,9058) = (5927,7889)$$

$$3726(7,5300) + (5927,7889) = (8216,3759)$$

$$3728(7,5300) + (7005,6234) = (7536,8647)$$

$$3731(7,5300) + (2956,2282) = (4575,9219)$$

$$3733(7,5300) + (995,2396) = (7915,2913)$$

$$3739(7,5300) + (9990,6354) = (3676,8227)$$

$$3740(7,5300) + (3676,8227) = (8008,1327)$$

$$3742(7,5300) + (5893,7596) = (2095,4933)$$

$$3743(7,5300) + (2095,4933) = (5901,2992)$$

$$3744(7,5300) + (5901,2992) = (7929,1972)$$

$$3745(7,5300) + (7929,1972) = (223,8653)$$

$$3746(7,5300) + (223,8653) = (4433,4846)$$

$$3747(7,5300) + (4433,4846) = (6034,9612)$$

$$3749(7,5300) + (189,4170) = (7649,7398)$$

$$3750(7,5300) + (7649,7398) = (1015,219)$$

$$3752(7,5300) + (6065,5004) = (4086,3043)$$

$$3753(7,5300) + (4086,3043) = (5025,5386)$$

$$3754(7,5300) + (5025,5386) = (8092,8860)$$

$$3756(7,5300) + (7218,684) = (6257,244)$$

$$3757(7,5300) + (6257,244) = (3887,8182)$$

$$3758(7,5300) + (3887,8182) = (9509,8925)$$

$$3760(7,5300) + (2633,3543) = (4093,1176)$$

$$3762(7,5300) + (2710,7538) = (2405,9963)$$

$$3766(7,5300) + (1372,2506) = (9024,7959)$$

$$3767(7,5300) + (9024,7959) = (6551,7950)$$

$$3768(7,5300) + (6551,7950) = (3672,1030)$$

$$3769(7,5300) + (3672,1030) = (6526,848)$$

$$3770(7,5300) + (6526,848) = (7207,9380)$$

$$3771(7,5300) + (7207,9380) = (3605,2001)$$

$$3772(7,5300) + (3605,2001) = (7981,6517)$$

$$3773(7,5300) + (7981,6517) = (1059,5701)$$

$$3774(7,5300) + (1059,5701) = (4113,155)$$

$$3776(7,5300) + (1080,2988) = (2239,9479)$$

$$3777(7,5300) + (2239,9479) = (1498,261)$$

$$3781(7,5300) + (1366,2839) = (617,1180)$$

$$3783(7,5300) + (2829,6870) = (8558,3205)$$

$$3793(7,5300) + (7618,6791) = (3741,5218)$$

$$3797(7,5300) + (4548,8641) = (5750,5700)$$

$$3800(7,5300) + (7868,6453) = (1587,6731)$$

$$3801(7,5300) + (1587,6731) = (3023,9373)$$

$$3802(7,5300) + (3023,9373) = (5876,9479)$$

$$3804(7,5300) + (6808,7960) = (3024,131)$$

$$3807(7,5300) + (5330,5228) = (2542,3446)$$

$$3808(7,5300) + (2542,3446) = (4605,6625)$$

$$3810(7,5300) + (3136,5862) = (8089,7381)$$

$$3812(7,5300) + (2718,7960) = (1967,1252)$$

$$3814(7,5300) + (4745,646) = (5855,4377)$$

$$3815(7, 5300) + (5855, 4377) = (3601, 2574)$$

$$3816(7,5300) + (3601,2574) = (9879,7027)$$

$$3822(7,5300) + (7312,5855) = (2484,9923)$$

$$3823(7,5300) + (2484,9923) = (5695,4595)$$

$$3824(7,5300) + (5695,4595) = (6167,7075)$$

$$3826(7,5300) + (2605,1083) = (3557,7149)$$

$$3827(7,5300) + (3557,7149) = (1885,7664)$$

$$3828(7,5300) + (1885,7664) = (1573,2448)$$

$$3829(7,5300) + (1573,2448) = (6785,999)$$

$$3830(7,5300) + (6785,999) = (7725,7508)$$

$$3831(7,5300) + (7725,7508) = (3428,3010)$$

$$3834(7,5300) + (8806,1161) = (221,4885)$$

$$3836(7,5300) + (5508,9062) = (5674,9918)$$

$$3839(7,5300) + (7734,8381) = (4547,1625)$$

$$3840(7,5300) + (4547,1625) = (717,3320)$$

$$3841(7,5300) + (717,3320) = (1122,6407)$$

$$3842(7,5300) + (1122,6407) = (6634,7973)$$

$$3844(7,5300) + (5613,9395) = (8280,1129)$$

$$3845(7,5300) + (8280,1129) = (5665,4359)$$

$$3847(7,5300) + (1224,8689) = (2494,6407)$$

$$3849(7,5300) + (4615,5215) = (1805,462)$$

$$3850(7,5300) + (1805,462) = (1505,7146)$$

$$3853(7,5300) + (926,9916) = (929,6250)$$

$$3854(7,5300) + (929,6250) = (9929,909)$$

$$3858(7,5300) + (5319,8481) = (1172,1777)$$

$$3860(7,5300) + (7670,2008) = (4075,6610)$$

$$3861(7,5300) + (4075,6610) = (8149,7369)$$

$$3863(7,5300) + (9677,9452) = (9799,7314)$$

$$3865(7,5300) + (2388,9231) = (2964,73)$$

$$3866(7,5300) + (2964,73) = (2188,6058)$$

$$3869(7,5300) + (7691,1661) = (7807,2478)$$

$$3870(7,5300) + (7807,2478) = (2569,692)$$

$$3874(7,5300) + (2891,6082) = (1865,7562)$$

$$3876(7,5300) + (1385,8900) = (330,6187)$$

$$3877(7,5300) + (330,6187) = (945,2348)$$

$$3878(7,5300) + (945,2348) = (6063,3944)$$

$$3879(7,5300) + (6063,3944) = (452,9440)$$

$$3880(7,5300) + (452,9440) = (1870,6152)$$

$$3881(7,5300) + (1870,6152) = (2219,6177)$$

$$3882(7,5300) + (2219,6177) = (6426,1117)$$

$$3885(7,5300) + (6441,3647) = (7038,4521)$$

$$3886(7,5300) + (7038,4521) = (4975,9782)$$

$$3887(7,5300) + (4975,9782) = (5481,4772)$$

$$3888(7,5300) + (5481,4772) = (3765,9892)$$

$$3899(7,5300) + (9676,5481) = (1523,7236)$$

$$3900(7,5300) + (1523,7236) = (2174,197)$$

$$3901(7,5300) + (2174,197) = (7585,6976)$$

$$3902(7,5300) + (7585,6976) = (9508,7320)$$

$$3903(7,5300) + (9508,7320) = (8839,7215)$$

$$3904(7,5300) + (8839,7215) = (5784,7820)$$

$$3906(7,5300) + (5743,1098) = (5224,7011)$$

$$3907(7,5300) + (5224,7011) = (7307,5309)$$

$$3908(7,5300) + (7307,5309) = (2021,7745)$$

$$3914(7,5300) + (9775,7080) = (6804,9816)$$

$$3917(7,5300) + (9744,1604) = (2257,3928)$$

$$3918(7,5300) + (2257,3928) = (7281,452)$$

$$3919(7,5300) + (7281,452) = (703,4461)$$

$$3920(7,5300) + (703,4461) = (2938,7852)$$

$$3929(7,5300) + (9532,6829) = (5287,8335)$$

$$3930(7,5300) + (5287,8335) = (4972,7283)$$

$$3931(7,5300) + (4972,7283) = (3988,777)$$

$$3934(7,5300) + (4982,4396) = (1786,7267)$$

$$3935(7,5300) + (1786,7267) = (2838,5385)$$

$$3940(7,5300) + (1095,485) = (3479,500)$$

$$3941(7,5300) + (3479,500) = (1008,2540)$$

$$3942(7,5300) + (1008,2540) = (9786,8577)$$

$$3944(7,5300) + (4163,6154) = (750,8691)$$

$$3945(7,5300) + (750,8691) = (2070,1514)$$

$$3946(7,5300) + (2070,1514) = (5117,4917)$$

$$3947(7,5300) + (5117,4917) = (9720,408)$$

$$3949(7,5300) + (1534,9728) = (843,1575)$$

$$3954(7,5300) + (1662,7132) = (5310,2755)$$

$$3955(7,5300) + (5310,2755) = (9828,6735)$$

$$3958(7,5300) + (1175,3551) = (2692,4281)$$

$$3959(7,5300) + (2692,4281) = (1583,9416)$$

$$3960(7,5300) + (1583,9416) = (1770,382)$$

$$3961(7,5300) + (1770,382) = (3264,3621)$$

$$3965(7,5300) + (5433,4394) = (6723,9978)$$

$$3970(7,5300) + (2997,8805) = (8809,4329)$$

$$3976(7,5300) + (3005,2864) = (8224,4314)$$

$$3982(7,5300) + (338,6676) = (2657,8807)$$

$$3987(7,5300) + (8081,1434) = (1923,875)$$

$$3988(7,5300) + (1923,875) = (7120,5492)$$

$$3989(7,5300) + (7120,5492) = (299,5003)$$

$$3998(7,5300) + (7605,3988) = (712,7289)$$

$$4047(7,5300) + (3009,5572) = (211,9202)$$

$$4049(7,5300) + (472,7880) = (2582,5269)$$

$$4249(7,5300) + (3442,725) = (387,2329)$$

$$4286(7,5300) + (411,4292) = (322,8069)$$

$$4287(7,5300) + (322,8069) = (4607,8111)$$

$$4344(7,5300) + (7346,8931) = (4705,6)$$

$$4527(7,5300) + (3231,7032) = (9387,90)$$

$$5147(7,5300) + (5301,9740) = (849,9475)$$

$$6000(7,5300) + (3429,5958) = (6863,3570)$$

$$6001(7,5300) + (6863,3570) = (9216,3192)$$

$$6005(7,5300) + (5502,6511) = (5537,9416)$$

$$6008(7,5300) + (7252,7705) = (5478,7518)$$

$$6010(7,5300) + (9654,8502) = (9832,1198)$$

$$6013(7,5300) + (5702,6907) = (4744,5746)$$

$$6014(7,5300) + (4744,5746) = (3332,2311)$$

$$6015(7,5300) + (3332,2311) = (219,1590)$$

$$6016(7,5300) + (219,1590) = (2582,4738)$$

$$6017(7,5300) + (2582,4738) = (472,2127)$$

$$6018(7,5300) + (472,2127) = (211,805)$$

$$6019(7,5300) + (211,805) = (3009,4435)$$

$$6020(7,5300) + (3009,4435) = (7152,3689)$$

$$6022(7,5300) + (9382,4811) = (2478,4711)$$

$$6023(7,5300) + (2478,4711) = (1373,9702)$$

$$6024(7,5300) + (1373,9702) = (1171,912)$$

$$6025(7,5300) + (1171,912) = (1274,3259)$$

$$6026(7,5300) + (1274,3259) = (1120,9209)$$

$$6028(7,5300) + (4947,7452) = (7376,8757)$$

$$6029(7,5300) + (7376,8757) = (8999,2273)$$

$$6034(7,5300) + (5741,4373) = (2857,6351)$$

$$6037(7,5300) + (4996,9625) = (4909,4453)$$

$$6038(7,5300) + (4909,4453) = (1115,5813)$$

$$6041(7,5300) + (3838,5921) = (4965,471)$$

$$6042(7,5300) + (4965,471) = (2941,3863)$$

$$6047(7,5300) + (1326,4543) = (4929,74)$$

$$6048(7,5300) + (4929,74) = (4315,3751)$$

$$6049(7,5300) + (4315,3751) = (9277,5406)$$

$$6050(7,5300) + (9277,5406) = (1670,8395)$$

$$6051(7,5300) + (1670,8395) = (4729,4921)$$

$$6052(7,5300) + (4729,4921) = (9251,7174)$$

$$6053(7,5300) + (9251,7174) = (8752,7929)$$

$$6062(7,5300) + (6588,8308) = (6650,2028)$$

$$6064(7,5300) + (4175,8304) = (6627,2644)$$

$$6065(7,5300) + (6627,2644) = (4369,5798)$$

$$6066(7,5300) + (4369,5798) = (5850,8073)$$

$$6067(7,5300) + (5850,8073) = (712,2718)$$

$$6068(7,5300) + (712,2718) = (7605,6019)$$

$$6069(7,5300) + (7605,6019) = (1346,8380)$$

$$6071(7,5300) + (7238,7124) = (4092,5978)$$

$$6072(7,5300) + (4092,5978) = (4802,5185)$$

$$6073(7,5300) + (4802,5185) = (4283,7700)$$

$$6074(7,5300) + (4283,7700) = (6349,9329)$$

$$6075(7,5300) + (6349,9329) = (9643,5506)$$

$$6076(7,5300) + (9643,5506) = (299,5004)$$

$$6077(7,5300) + (299,5004) = (7120,4515)$$

$$6078(7,5300) + (7120,4515) = (1923,9132)$$

$$6079(7,5300) + (1923,9132) = (8081,8573)$$

$$6080(7,5300) + (8081,8573) = (4653,4477)$$

$$6082(7,5300) + (4733,4786) = (9971,874)$$

$$6085(7,5300) + (338,3331) = (3060,7117)$$

$$6088(7,5300) + (8646,8167) = (10003,5730)$$

$$6091(7,5300) + (3005,7143) = (963,1943)$$

$$6092(7,5300) + (963,1943) = (6538,4769)$$

$$6096(7,5300) + (8809,5678) = (2997,1202)$$

$$6100(7,5300) + (848,4959) = (6723,29)$$

$$6101(7,5300) + (6723,29) = (5433,5613)$$

$$6107(7,5300) + (1583,591) = (2692,5726)$$

$$6114(7,5300) + (1812,8289) = (7039,6113)$$

$$6118(7,5300) + (1534,279) = (9720,9599)$$

$$6119(7,5300) + (9720,9599) = (5117,5090)$$

$$6120(7,5300) + (5117,5090) = (2070,8493)$$

$$6122(7,5300) + (750,1316) = (4163,3853)$$

$$6126(7,5300) + (3479,9507) = (1095,9522)$$

$$6134(7,5300) + (400,3202) = (3988,9230)$$

$$6158(7,5300) + (2021,2262) = (7307,4698)$$

$$6172(7,5300) + (9081,5427) = (4704,1764)$$

$$6173(7,5300) + (4704,1764) = (6142,5823)$$

$$6174(7,5300) + (6142,5823) = (5800,9591)$$

$$6175(7,5300) + (5800,9591) = (1180,366)$$

$$6176(7,5300) + (1180,366) = (9796,3372)$$

$$6177(7,5300) + (9796,3372) = (3765,115)$$

$$6179(7,5300) + (5481,5235) = (4975,225)$$

$$6184(7,5300) + (6426,8890) = (2219,3830)$$

$$6186(7,5300) + (1870,3855) = (452,567)$$

$$6187(7,5300) + (452,567) = (6063,6063)$$

$$6194(7,5300) + (539,3309) = (6068,6304)$$

$$6196(7,5300) + (2569,9315) = (7807,7529)$$

$$6197(7,5300) + (7807,7529) = (7691,8346)$$

$$6199(7,5300) + (9948,4754) = (2188,3949)$$

$$6200(7,5300) + (2188,3949) = (2964,9934)$$

$$6201(7,5300) + (2964,9934) = (2388,776)$$

$$6203(7,5300) + (9799,2693) = (9677,555)$$

$$6206(7,5300) + (4075,3397) = (7670,7999)$$

$$6213(7,5300) + (929,3757) = (926,91)$$

$$6214(7,5300) + (926,91) = (4685,363)$$

$$6216(7,5300) + (1505,2861) = (1805,9545)$$

$$6217(7,5300) + (1805,9545) = (4615,4792)$$

$$6226(7,5300) + (717,6687) = (4547,8382)$$

$$6227(7,5300) + (4547,8382) = (7734,1626)$$

$$6230(7,5300) + (5674,89) = (5508,945)$$

$$6231(7,5300) + (5508,945) = (221,5122)$$

$$6237(7,5300) + (6785,9008) = (1573,7559)$$

$$6241(7,5300) + (2605,8924) = (6167,2932)$$

$$6244(7,5300) + (2484,84) = (7312,4152)$$

$$6247(7,5300) + (5596,3069) = (2117,31)$$

$$6248(7,5300) + (2117,31) = (1659,3217)$$

$$6253(7,5300) + (4745,9361) = (1967,8755)$$

$$6254(7,5300) + (1967,8755) = (2718,2047)$$

$$6263(7,5300) + (6808,2047) = (5876,528)$$

$$6264(7,5300) + (5876,528) = (3023,634)$$

$$6265(7,5300) + (3023,634) = (1587,3276)$$

$$6266(7,5300) + (1587,3276) = (7868,3554)$$

$$6277(7,5300) + (9146,4100) = (5348,874)$$

$$6278(7,5300) + (5348,874) = (1087,2859)$$

$$6279(7,5300) + (1087,2859) = (6027,8121)$$

$$6280(7,5300) + (6027,8121) = (1496,3090)$$

$$6284(7,5300) + (2829,3137) = (617,8827)$$

$$6290(7,5300) + (2239,528) = (1080,7019)$$

$$6295(7,5300) + (3605,8006) = (7207,627)$$

$$6296(7,5300) + (7207,627) = (6526,9159)$$

$$6303(7,5300) + (6081,7897) = (2405,44)$$

$$6304(7,5300) + (2405,44) = (2710,2469)$$

$$6307(7,5300) + (2633,6464) = (9509,1082)$$

$$6310(7,5300) + (6257,9763) = (7218,9323)$$

$$6311(7,5300) + (7218,9323) = (8092,1147)$$

$$6318(7,5300) + (189,5837) = (6034,395)$$

$$6319(7,5300) + (6034,395) = (4433,5161)$$

$$6321(7,5300) + (223,1354) = (7929,8035)$$

$$6331(7,5300) + (6324,7623) = (288,2473)$$

$$6333(7,5300) + (7915,7094) = (995,7611)$$

$$6334(7,5300) + (995,7611) = (4575,788)$$

$$6344(7,5300) + (2007,4525) = (4830,6701)$$

$$6345(7,5300) + (4830,6701) = (931,7111)$$

$$6346(7,5300) + (931,7111) = (6778,3555)$$

$$6347(7,5300) + (6778,3555) = (8821,5440)$$

$$6358(7,5300) + (3087,5307) = (7040,5578)$$

$$6361(7,5300) + (7626,5371) = (1284,3668)$$

$$6364(7,5300) + (5321,3116) = (1234,865)$$

$$6365(7,5300) + (1234,865) = (2469,1560)$$

$$6370(7,5300) + (7681,9408) = (529,3074)$$

$$6377(7,5300) + (6773,4548) = (902,5756)$$

$$6383(7,5300) + (2373,338) = (7284,4370)$$

$$6385(7,5300) + (4936,5997) = (2292,9496)$$

$$6387(7,5300) + (8349,9144) = (8320,4300)$$

$$6388(7,5300) + (8320,4300) = (5075,9572)$$

$$6392(7,5300) + (8361,7983) = (3575,1587)$$

$$6395(7,5300) + (1057,7314) = (251,1742)$$

$$6399(7,5300) + (6852,7780) = (1929,3075)$$

$$6400(7,5300) + (1929,3075) = (4829,9352)$$

$$6401(7,5300) + (4829,9352) = (3912,7585)$$

$$6403(7,5300) + (4244,8378) = (2727,5603)$$

$$6404(7,5300) + (2727,5603) = (8362,226)$$

$$6408(7,5300) + (6059,4857) = (7270,2)$$

$$6409(7,5300) + (7270, 2) = (727,5009)$$

$$6410(7,5300) + (727,5009) = (4741,1867)$$

$$6412(7,5300) + (6546,6238) = (7011,1696)$$

$$6414(7,5300) + (9327,7171) = (5352,182)$$

$$6415(7,5300) + (5352,182) = (5007,4215)$$

$$6416(7,5300) + (5007,4215) = (1023,9971)$$

$$6419(7,5300) + (3580,9675) = (962,1846)$$

$$6426(7,5300) + (4964,7059) = (6062,9620)$$

$$6427(7,5300) + (6062,9620) = (8070,5499)$$

$$6430(7,5300) + (7870,6084) = (461,2782)$$

$$6439(7,5300) + (9855,8354) = (9299,7589)$$

$$6440(7,5300) + (9299,7589) = (6011,4572)$$

$$6441(7,5300) + (6011,4572) = (4321,2730)$$

$$6442(7,5300) + (4321,2730) = (9576,7341)$$

$$6446(7,5300) + (1491,4352) = (3391,611)$$

$$6450(7,5300) + (540,4601) = (1401,377)$$

$$6453(7,5300) + (4751,6884) = (8356,7370)$$

$$6456(7,5300) + (1464,492) = (4673,1210)$$

$$6458(7,5300) + (7092,5204) = (3959,9406)$$

$$6467(7,5300) + (7442,5908) = (2521,41)$$

$$6468(7,5300) + (2521,41) = (6076,1198)$$

$$6469(7,5300) + (6076,1198) = (8380,3441)$$

$$6470(7,5300) + (8380,3441) = (980,6754)$$

$$6471(7,5300) + (980,6754) = (9449,5757)$$

$$6473(7,5300) + (3908,5365) = (2824,7528)$$

$$6476(7,5300) + (2002,2905) = (4275,2407)$$

$$6477(7,5300) + (4275,2407) = (6612,7714)$$

$$6479(7,5300) + (3857,1550) = (1251,4879)$$

$$6480(7,5300) + (1251,4879) = (4619,2117)$$

$$6484(7,5300) + (8360,7582) = (2359,595)$$

$$6485(7,5300) + (2359,595) = (3555,7703)$$

$$6487(7,5300) + (6524,5621) = (7168,6590)$$

$$6489(7,5300) + (3050,9068) = (6982,2348)$$

$$6494(7,5300) + (548,8781) = (9815,5599)$$

$$6496(7,5300) + (3116,7568) = (875,2561)$$

$$6497(7,5300) + (875,2561) = (4312,5460)$$

$$6498(7,5300) + (4312,5460) = (530,271)$$

$$6509(7,5300) + (5905,2979) = (286,984)$$

$$6510(7,5300) + (286,984) = (6084,7397)$$

$$6523(7,5300) + (5692,7132) = (2539,5470)$$

$$6526(7,5300) + (3805,3845) = (4045,4926)$$

$$6527(7,5300) + (4045,4926) = (8726,1029)$$

$$6538(7,5300) + (5401,4282) = (6140,284)$$

$$6550(7,5300) + (3598,308) = (1823,4991)$$

$$6562(7,5300) + (6405,8748) = (5706,2546)$$

$$6565(7,5300) + (443,467) = (49,6871)$$

$$6566(7,5300) + (49,6871) = (6999,5261)$$

$$6577(7,5300) + (5067,6715) = (5782,4071)$$

$$6578(7,5300) + (5782,4071) = (2347,5153)$$

$$6601(7,5300) + (7510,928) = (8991,7788)$$

$$6603(7,5300) + (5452,8911) = (8704,7579)$$

$$6604(7,5300) + (8704,7579) = (1045,1960)$$

$$6616(7,5300) + (8734,2873) = (6737,9224)$$

$$6617(7,5300) + (6737,9224) = (919,9207)$$

$$6626(7,5300) + (5279,510) = (4507,5713)$$

$$6631(7,5300) + (936,8437) = (3859,9484)$$

$$6639(7,5300) + (8351,9377) = (5303,7118)$$

$$6643(7,5300) + (7611,7216) = (4792,5349)$$

$$6644(7,5300) + (4792,5349) = (4214,521)$$

$$6645(7,5300) + (4214,521) = (5822,9845)$$

$$6646(7,5300) + (5822,9845) = (4200,1903)$$

$$6649(7,5300) + (792,968) = (5427,963)$$

$$6654(7,5300) + (9288,587) = (552,2699)$$

$$6655(7,5300) + (552,2699) = (5621,1901)$$

$$6662(7,5300) + (4204,3863) = (3361,5090)$$

$$6663(7,5300) + (3361,5090) = (3214,504)$$

$$6664(7,5300) + (3214,504) = (921,1696)$$

$$6666(7,5300) + (7302,889) = (242,336)$$

$$6667(7,5300) + (242,336) = (1302,9067)$$

$$6668(7,5300) + (1302,9067) = (1403,4479)$$

$$6669(7,5300) + (1403,4479) = (4921,2020)$$

$$6670(7,5300) + (4921,2020) = (6666,53)$$

$$6671(7,5300) + (6666,53) = (1752,5550)$$

$$6672(7,5300) + (1752,5550) = (836,6452)$$

$$6673(7,5300) + (836,6452) = (3995,493)$$

$$6674(7,5300) + (3995,493) = (3521,2815)$$

$$6676(7,5300) + (7292,2503) = (9825,4949)$$

$$6685(7,5300) + (8689,4004) = (128,7519)$$

$$6686(7,5300) + (128,7519) = (4752,8083)$$

$$6690(7,5300) + (1542,5241) = (8627,2724)$$

$$6693(7,5300) + (8665,9882) = (2585,1320)$$

$$6696(7,5300) + (6235,6904) = (6127,2321)$$

$$6697 (7, 5300) + (6127, 2321) = (7080, 1248)$$

$$6703(7,5300) + (10,145) = (5035,8446)$$

$$6712(7,5300) + (271,3995) = (8845,9504)$$

$$6713(7,5300) + (8845,9504) = (5578,7193)$$

$$6716(7,5300) + (9262,8233) = (9329,8303)$$

$$6717(7,5300) + (9329,8303) = (5256,6521)$$

$$6720(7,5300) + (8171,8892) = (4032,7236)$$

$$6723(7,5300) + (6073,8209) = (2283,590)$$

$$6724(7,5300) + (2283,590) = (2157,2737)$$

$$6726(7,5300) + (7578,53) = (6211,3027)$$

$$6727(7,5300) + (6211,3027) = (629,1125)$$

$$6728(7,5300) + (629,1125) = (8087,7137)$$

$$6735(7,5300) + (5881,5074) = (5770,53)$$

$$6737(7,5300) + (5056,2485) = (7730,7457)$$

$$6742(7,5300) + (4213,1345) = (6261,2113)$$

$$6744(7,5300) + (1660,6239) = (2334,897)$$

$$6745(7,5300) + (2334,897) = (80,4557)$$

$$6746(7,5300) + (80,4557) = (5744,1960)$$

$$6748(7,5300) + (6914,3429) = (422,5086)$$

$$6749(7,5300) + (422,5086) = (1750,1603)$$

$$6756(7,5300) + (2152,6841) = (2312,2118)$$

$$6759(7,5300) + (3367,273) = (1737,6789)$$

$$6761(7,5300) + (2913,6440) = (9758,9959)$$

$$6763(7,5300) + (2264,2432) = (5388,5936)$$

$$6766(7,5300) + (138,9879) = (3067,338)$$

$$6767(7,5300) + (3067,338) = (7257,4298)$$

$$6768(7,5300) + (7257,4298) = (7126,813)$$

$$6773(7,5300) + (7253,955) = (9993,6574)$$

$$6777(7,5300) + (8166,4239) = (5088,3149)$$

$$6782(7,5300) + (7818,7459) = (3448,3565)$$

$$6784(7,5300) + (8034,341) = (3390,1647)$$

$$6788(7,5300) + (9762,8456) = (5387,130)$$

$$6792(7,5300) + (8709,9380) = (9790,5617)$$

$$6793(7,5300) + (9790,5617) = (142,8606)$$

$$6794(7,5300) + (142,8606) = (4666,9363)$$

$$6797(7,5300) + (9804,2756) = (5914,2911)$$

$$6800(7,5300) + (4986,2726) = (1827,2199)$$

$$6803(7,5300) + (4645,9155) = (6409,292)$$

$$6804(7,5300) + (6409,292) = (622,4963)$$

$$6805(7,5300) + (622,4963) = (2012,1331)$$

$$6806(7,5300) + (2012,1331) = (5142,7086)$$

$$6808(7,5300) + (3459,8010) = (1127,5254)$$

$$6809(7,5300) + (1127,5254) = (5572,5561)$$

$$6811(7,5300) + (6463,13) = (3925,4893)$$

$$6812(7,5300) + (3925,4893) = (676,6240)$$

$$6815(7,5300) + (9658,4009) = (9891,9)$$

$$6816(7,5300) + (9891,9) = (1841,827)$$

$$6817(7,5300) + (1841,827) = (981,3645)$$

$$6819(7,5300) + (4105,7951) = (990,2120)$$

$$6820(7,5300) + (990,2120) = (757,2766)$$

$$6821(7,5300) + (757,2766) = (763,8302)$$

$$6822(7,5300) + (763,8302) = (7693,872)$$

$$6823(7,5300) + (7693,872) = (1535,6970)$$

$$6824(7,5300) + (1535,6970) = (4373,7506)$$

$$6825(7,5300) + (4373,7506) = (8005,455)$$

$$6826(7,5300) + (8005,455) = (616,1739)$$

$$6827(7,5300) + (616,1739) = (6298,7084)$$

$$6828(7,5300) + (6298,7084) = (1449,7112)$$

$$6829(7,5300) + (1449,7112) = (2332,800)$$

$$6830(7,5300) + (2332,800) = (3267,7143)$$

$$6831(7,5300) + (3267,7143) = (4468,6019)$$

$$6832(7,5300) + (4468,6019) = (4477,7311)$$

$$6834(7,5300) + (2318,1301) = (1247,7381)$$

$$6835(7,5300) + (1247,7381) = (2349,18)$$

$$6836(7,5300) + (2349,18) = (5167,6517)$$

$$6839(7,5300) + (1128,1392) = (1479,4670)$$

$$6841(7,5300) + (5415,9197) = (1822,840)$$

$$6842(7,5300) + (1822,840) = (2939,9541)$$

$$6844(7,5300) + (7165,1036) = (1098,8673)$$

$$6845(7,5300) + (1098,8673) = (2631,3648)$$

$$6846(7,5300) + (2631,3648) = (234,2638)$$

$$6847(7,5300) + (234,2638) = (2841,3203)$$

$$6849(7,5300) + (2488,7987) = (4579,3688)$$

$$6851(7,5300) + (3949,660) = (9408,9873)$$

$$6852(7,5300) + (9408,9873) = (8746,8382)$$

$$6855(7,5300) + (3177,3491) = (9389,2914)$$

$$6859(7,5300) + (2272,3857) = (554,2789)$$

$$6860(7,5300) + (554,2789) = (7076,5197)$$

$$6861(7,5300) + (7076,5197) = (8012,1412)$$

$$6862(7,5300) + (8012,1412) = (3016,23)$$

$$6863(7,5300) + (3016,23) = (8841,8247)$$

$$6864(7,5300) + (8841,8247) = (6275,1268)$$

$$6869(7,5300) + (7175,8425) = (2743,320)$$

$$6871(7,5300) + (1564,7146) = (9053,9362)$$

$$6872(7,5300) + (9053,9362) = (6776,2402)$$

$$6873(7,5300) + (6776,2402) = (2974,6712)$$

$$6874(7,5300) + (2974,6712) = (9795,1371)$$

$$6881(7,5300) + (3219,2092) = (7096,3313)$$

$$6884(7,5300) + (8680,8513) = (2773,6178)$$

$$6890(7,5300) + (1358,1084) = (9616,3902)$$

$$6892(7,5300) + (599,3231) = (4730,7268)$$

$$6894(7,5300) + (7341,9499) = (4555,755)$$

$$6896(7,5300) + (6703,5801) = (4647,9453)$$

$$6898(7,5300) + (6341,8497) = (9171,584)$$

$$6899(7,5300) + (9171,584) = (3891,3242)$$

$$6901(7,5300) + (5773,4588) = (6252,3878)$$

$$6911(7,5300) + (4023,8707) = (5802,177)$$

$$6913(7,5300) + (1076,8655) = (3239,8549)$$

$$6925(7,5300) + (9328,5651) = (2820,3010)$$

$$6926(7,5300) + (2820,3010) = (1849,3912)$$

$$6927(7,5300) + (1849,3912) = (354,1698)$$

$$6928(7,5300) + (354,1698) = (5013,9549)$$

$$6929(7,5300) + (5013,9549) = (2805,6554)$$

$$6930(7,5300) + (2805,6554) = (5179,1359)$$

$$6935(7,5300) + (911,5839) = (2503,2776)$$

$$6942(7,5300) + (7885,4262) = (5973,8092)$$

$$6944(7,5300) + (6559,8699) = (3173,7729)$$

$$6955(7,5300) + (2662,5940) = (9944,3122)$$

$$6959(7,5300) + (9589,3068) = (2754,3160)$$

$$6966(7,5300) + (7400,5490) = (8242,2978)$$

$$6967(7,5300) + (8242,2978) = (6889,4318)$$

$$6969(7,5300) + (9666,8025) = (6682,9097)$$

$$6970(7,5300) + (6682,9097) = (8645,465)$$

$$6972(7,5300) + (5836,4222) = (5005,9870)$$

$$6979(7,5300) + (16,7225) = (5821,2025)$$

$$6981(7,5300) + (6592,9196) = (8009,9776)$$

$$6982(7,5300) + (8009,9776) = (4567,338)$$

$$6989(7,5300) + (8151,3586) = (1092,1861)$$

$$6991(7,5300) + (9203,9395) = (7877,1209)$$

$$6994(7,5300) + (1887,8390) = (519,33)$$

$$6995(7,5300) + (519,33) = (8722,94)$$

$$6996(7,5300) + (8722,94) = (7501,2177)$$

$$6997(7,5300) + (7501,2177) = (2707,5712)$$

$$6998(7,5300) + (2707,5712) = (3475,7469)$$

$$7020(7,5300) + (3232,7306) = (3371,5522)$$

$$7040(7,5300) + (1515,9428) = (4708,3677)$$

$$7063(7,5300) + (86,7434) = (4432,5640)$$

$$7064(7,5300) + (4432,5640) = (6201,6730)$$

$$7065(7,5300) + (6201,6730) = (6327,4521)$$

$$7074(7,5300) + (2031,5074) = (8069,5271)$$

$$7076(7,5300) + (3227,543) = (273,7754)$$

$$7077(7,5300) + (273,7754) = (1642,9261)$$

$$7114(7,5300) + (7115,7031) = (1756,7712)$$

$$7118(7,5300) + (3070,9261) = (132,4382)$$

$$7119(7,5300) + (132,4382) = (695,8799)$$

$$7124(7,5300) + (5912,7593) = (4650,7178)$$

$$7129(7,5300) + (9899,5988) = (8750,7239)$$

$$7139(7,5300) + (149,4330) = (2781,1528)$$

$$7141(7,5300) + (4031,2935) = (1037,7834)$$

$$7145(7,5300) + (4457,2555) = (2814,6000)$$

$$7146(7,5300) + (2814,6000) = (3250,7941)$$

$$7148(7,5300) + (57,6132) = (6089,9977)$$

$$7151(7,5300) + (7028,2434) = (7409,250)$$

$$7172(7,5300) + (5861,7956) = (6708,559)$$

$$7173(7,5300) + (6708,559) = (4212,8596)$$

$$7181(7,5300) + (8534,9404) = (2207,1071)$$

$$7202(7,5300) + (6000,42) = (1090,5562)$$

$$7227(7,5300) + (7472,8041) = (3298,6244)$$

$$7240(7,5300) + (2042,5969) = (6877,7661)$$

$$7264(7,5300) + (1511,3450) = (1987,276)$$

$$7280(7,5300) + (259,9218) = (526,5930)$$

$$7282(7,5300) + (728,8575) = (2043,9477)$$

$$7308(7,5300) + (2136,2184) = (1024,776)$$

$$7314(7,5300) + (284,4724) = (4121,6759)$$

$$7340(7,5300) + (2734,5764) = (3570,5242)$$

$$7344(7,5300) + (435,2757) = (2625,6935)$$

$$7364(7,5300) + (2830,2163) = (339,177)$$

$$7388(7,5300) + (238,6453) = (2673,6129)$$

$$7646(7,5300) + (1785,579) = (2217,3945)$$

$$7669(7,5300) + (3957,7743) = (7767,2289)$$

$$7721(7,5300) + (178,3897) = (2513,9760)$$

$$7724(7,5300) + (8109,754) = (476,8720)$$

$$7767(7,5300) + (15,9456) = (2171,1293)$$

$$7772(7,5300) + (4695,874) = (6470,9797)$$

$$7826(7,5300) + (9784,3452) = (7758,470)$$

$$8004(7,5300) + (8858,5885) = (474,364)$$

$$8005(7,5300) + (474,364) = (3436,365)$$

$$8006(7,5300) + (3436,365) = (760,3243)$$

$$8007(7,5300) + (760,3243) = (1843,9563)$$

$$8008(7,5300) + (1843,9563) = (2199,9559)$$

$$8009(7,5300) + (2199,9559) = (5390,1493)$$

$$8012(7,5300) + (9298,6895) = (4442,4370)$$

$$8013(7,5300) + (4442,4370) = (5771,1245)$$

$$8019(7,5300) + (4682,3242) = (2326,460)$$

$$8020(7,5300) + (2326,460) = (6156,9031)$$

$$8021(7,5300) + (6156,9031) = (2000,7052)$$

$$8024(7,5300) + (7731,7032) = (7229,854)$$

$$8030(7,5300) + (6110,608) = (337,1337)$$

$$8031(7,5300) + (337,1337) = (2560,2707)$$

$$8032(7,5300) + (2560,2707) = (5818,6999)$$

$$8035(7,5300) + (8415,5380) = (2097,7972)$$

$$8036(7,5300) + (2097,7972) = (3846,1063)$$

$$8037(7,5300) + (3846,1063) = (7046,2878)$$

$$8039(7,5300) + (5128,9355) = (5012,2739)$$

$$8040(7,5300) + (5012,2739) = (9050,6657)$$

$$8042(7,5300) + (5994,6979) = (3578,9915)$$

$$8047(7,5300) + (6504,2971) = (9043,8667)$$

$$8055(7,5300) + (6947,3387) = (6055,70)$$

$$8057(7,5300) + (2592,9507) = (6944,9142)$$

$$8060(7,5300) + (1148,9385) = (2499,451)$$

$$8062(7,5300) + (9114,1992) = (7354,6256)$$

$$8063(7,5300) + (7354,6256) = (3558,4975)$$

$$8064(7,5300) + (3558,4975) = (6731,8938)$$

$$8066(7,5300) + (8374,1201) = (3559,613)$$

$$8067(7,5300) + (3559,613) = (3852,9744)$$

$$8074(7,5300) + (5709,2851) = (8120,3883)$$

$$8077(7,5300) + (1726,9997) = (6469,7169)$$

$$8080(7,5300) + (3482,4374) = (9602,7523)$$

$$8084(7,5300) + (306,4984) = (685,6528)$$

$$8085(7,5300) + (685,6528) = (3187,3021)$$

$$8086(7,5300) + (3187,3021) = (7350,8802)$$

$$8092(7,5300) + (303,6828) = (433,1967)$$

$$8099(7,5300) + (1261,9972) = (26,3120)$$

$$8100(7,5300) + (26,3120) = (5259,38)$$

$$8101(7,5300) + (5259,38) = (3446,5687)$$

$$8102(7,5300) + (3446,5687) = (3777,3500)$$

$$8103(7,5300) + (3777,3500) = (4613,4995)$$

$$8117(7,5300) + (1582,4249) = (1470,702)$$

$$8118(7,5300) + (1470,702) = (9561,7572)$$

$$8120(7,5300) + (4310,8351) = (1060,272)$$

$$8121(7,5300) + (1060,272) = (5857,5955)$$

$$8124(7,5300) + (6867,1323) = (1459,5152)$$

$$8126(7,5300) + (9824,9126) = (230,3720)$$

$$8127(7,5300) + (230,3720) = (8741,8746)$$

$$8129(7,5300) + (6326,6405) = (537,9039)$$

$$8130(7,5300) + (537,9039) = (5455,6603)$$

$$8131(7,5300) + (5455,6603) = (635,97)$$

$$8140(7,5300) + (7995,6352) = (3779,9106)$$

$$8143(7,5300) + (6573,52) = (153,1233)$$

$$8144(7,5300) + (153,1233) = (7110,7707)$$

$$8145(7,5300) + (7110,7707) = (9964,813)$$

$$8147(7,5300) + (3418,9021) = (6145,9708)$$

$$8148(7,5300) + (6145,9708) = (4552,4495)$$

$$8155(7,5300) + (5491,3941) = (6002,472)$$

$$8156(7,5300) + (6002,472) = (4836,8394)$$

$$8158(7,5300) + (813,2224) = (1874,9945)$$

$$8159(7,5300) + (1874,9945) = (4927,3556)$$

$$8166(7,5300) + (8774,2557) = (7070,6571)$$

$$8167(7,5300) + (7070,6571) = (9419,7234)$$

$$8170(7,5300) + (3780,9884) = (3827,1766)$$

$$8171(7,5300) + (3827,1766) = (782,3826)$$

$$8172(7,5300) + (782,3826) = (3073,1022)$$

$$8174(7,5300) + (6424,3027) = (3256,7921)$$

$$8182(7,5300) + (7743,2103) = (2691,792)$$

$$8184(7,5300) + (2451,7932) = (5004,4714)$$

$$8186(7,5300) + (9867,3334) = (6992,7206)$$

$$8194(7,5300) + (1002,6741) = (9350,9420)$$

$$8196(7,5300) + (382,9204) = (6372,5957)$$

$$8197(7,5300) + (6372,5957) = (7855,1111)$$

$$8198(7,5300) + (7855,1111) = (450,2647)$$

$$8199(7,5300) + (450,2647) = (702,7943)$$

$$8201(7,5300) + (3556,1088) = (7075,4408)$$

$$8204(7,5300) + (8702,2702) = (4335,3581)$$

$$8207(7,5300) + (4270,4882) = (1711,4360)$$

$$8208(7,5300) + (1711,4360) = (732,6211)$$

$$8209(7,5300) + (732,6211) = (5865,5752)$$

$$8210(7,5300) + (5865,5752) = (2882,481)$$

$$8221(7,5300) + (5396,4909) = (5680,415)$$

$$8223(7,5300) + (1096,5994) = (3778,1973)$$

$$8224(7,5300) + (3778,1973) = (7217,671)$$

$$8225(7,5300) + (7217,671) = (4337,5988)$$

$$8226(7,5300) + (4337,5988) = (1157,9262)$$

$$8229(7,5300) + (9660,7062) = (2869,6910)$$

$$8243(7,5300) + (853,5384) = (3352,9059)$$

$$8251(7,5300) + (1183,4842) = (2489,2372)$$

$$8252(7,5300) + (2489,2372) = (965,8732)$$

$$8255(7,5300) + (9352,4735) = (8401,4829)$$

$$8263(7,5300) + (1432,4593) = (4508,3773)$$

$$8276(7,5300) + (1240,6610) = (2672,3515)$$

$$8290(7,5300) + (1723,7983) = (8001,734)$$

$$8292(7,5300) + (1798,8504) = (1062,6390)$$

$$8301(7,5300) + (2621,4164) = (3169,691)$$

$$8302(7,5300) + (3169,691) = (998,3933)$$

$$8307(7,5300) + (8818,9988) = (6242,9166)$$

$$8310(7,5300) + (5248,4997) = (2209,859)$$

$$8312(7,5300) + (5374,9437) = (3968,5670)$$

$$8317(7,5300) + (2071,4862) = (5470,3510)$$

$$8324(7,5300) + (3924,8192) = (362,9115)$$

$$8327(7,5300) + (2611,4452) = (6600,1105)$$

$$8329(7,5300) + (859,811) = (7493,574)$$

$$8333(7,5300) + (406,8094) = (5968,5476)$$

$$8337(7,5300) + (3018,8035) = (4152,7333)$$

$$8339(7,5300) + (8566,2805) = (8684,2009)$$

$$8340(7,5300) + (8684,2009) = (8237,5485)$$

$$8343(7,5300) + (7772,8435) = (4220,6273)$$

$$8344(7,5300) + (4220,6273) = (2322,8873)$$

$$8345(7,5300) + (2322,8873) = (6927,9545)$$

$$8348(7,5300) + (2571,2434) = (3951,7570)$$

$$8367(7,5300) + (632,6303) = (3612,3645)$$

$$8374(7,5300) + (1109,3987) = (5392,2233)$$

$$8385(7,5300) + (4905,982) = (4422,7594)$$

$$8386(7,5300) + (4422,7594) = (5203,3961)$$

$$8387(7,5300) + (5203,3961) = (8924,894)$$

$$8388(7,5300) + (8924,894) = (4130,6531)$$

$$8391(7,5300) + (6246,9807) = (4267,3333)$$

$$8393(7,5300) + (4077,3509) = (9372,284)$$

$$8398(7,5300) + (6072,6090) = (705,7883)$$

$$8399(7,5300) + (705,7883) = (4871,7811)$$

$$8408(7,5300) + (496,7827) = (8958,2490)$$

$$8414(7,5300) + (9896,9892) = (9018,9198)$$

$$8463(7,5300) + (3281,717) = (3480,72)$$

$$8467(7,5300) + (3254,4065) = (1477,4246)$$

$$8479(7,5300) + (1953,4249) = (5627,3217)$$

$$8480(7,5300) + (5627,3217) = (482,4429)$$

$$8483(7,5300) + (1585,6713) = (2959,9)$$

$$8485(7,5300) + (2110,249) = (1257,3617)$$

$$8492(7,5300) + (7594,2200) = (215,9320)$$

$$8495(7,5300) + (5605,7608) = (3792,6071)$$

$$8496(7,5300) + (3792,6071) = (3262,8869)$$

$$8537(7,5300) + (3611,3365) = (7532,3280)$$

$$8549(7,5300) + (2105,4159) = (823,3033)$$

$$8576(7,5300) + (7665,2957) = (3019,6572)$$

$$8584(7,5300) + (207,8645) = (8678,9039)$$

$$8587(7,5300) + (314,7590) = (8290,5930)$$

$$8602(7,5300) + (6613,631) = (6771,229)$$

$$8603(7,5300) + (6771,229) = (152,1015)$$

$$8606(7,5300) + (3695,3369) = (1559,9123)$$

$$8614(7,5300) + (7862,6563) = (8130,9200)$$

$$8620(7,5300) + (7349,8758) = (216,6345)$$

$$8630(7,5300) + (7552,2048) = (3890,9520)$$

$$8633(7,5300) + (9995,3728) = (3718,514)$$

$$8634(7,5300) + (3718,514) = (8581,14)$$

$$8635(7,5300) + (8581,14) = (2375,6398)$$

$$8637(7,5300) + (3274,1375) = (8822,947)$$

$$8644(7,5300) + (7061,5382) = (3807,9611)$$

$$8656(7,5300) + (7852,8079) = (5830,5522)$$

$$8663(7,5300) + (8850,9883) = (7502,525)$$

$$8664(7,5300) + (7502,525) = (1977,6643)$$

$$8668(7,5300) + (5641,7721) = (53,499)$$

$$8671(7,5300) + (391,5054) = (4237,8355)$$

$$8672(7,5300) + (4237,8355) = (3200,1845)$$

$$8682(7,5300) + (6058,5253) = (647,389)$$

$$8687(7,5300) + (7563,6068) = (2912,7675)$$

$$8688(7,5300) + (2912,7675) = (6757,9850)$$

$$8695(7,5300) + (3596,9914) = (5082,5630)$$

$$8696(7,5300) + (5082,5630) = (9025,4653)$$

$$8698(7,5300) + (527,9001) = (1495,2276)$$

$$8734(7,5300) + (6172,6638) = (710,6400)$$

$$8735(7,5300) + (710,6400) = (9106,3352)$$

$$8737(7,5300) + (4797,5672) = (3660,8869)$$

$$8742(7,5300) + (5884,2282) = (8025,1203)$$

$$8744(7,5300) + (515,496) = (866,4478)$$

$$8745(7,5300) + (866,4478) = (8707,4796)$$

$$8749(7,5300) + (3589,9047) = (8504,688)$$

$$8761(7,5300) + (325,3849) = (6726,2921)$$

$$8765(7,5300) + (4934,6278) = (8719,4241)$$

$$8766(7,5300) + (8719,4241) = (1857,335)$$

$$8768(7,5300) + (1761,9793) = (59,660)$$

$$8772(7,5300) + (3437,3623) = (5752,3621)$$

$$8778(7,5300) + (4737,930) = (4709,1731)$$

$$8780(7,5300) + (8828,342) = (7780,6081)$$

$$8806(7,5300) + (1476,1331) = (971,806)$$

$$8807(7,5300) + (971,806) = (9323,7984)$$

$$8813(7,5300) + (2069,9974) = (8868,1151)$$

$$8815(7,5300) + (8391,8723) = (8099,1704)$$

$$8818(7,5300) + (8732,9281) = (1608,5362)$$

$$8820(7,5300) + (9595,5042) = (340,2042)$$

$$8824(7,5300) + (2498,6438) = (107,3657)$$

$$8825(7,5300) + (107,3657) = (5953,6933)$$

$$8842(7,5300) + (7167,5213) = (2804,7205)$$

$$8844(7,5300) + (8576,1343) = (1708,924)$$

$$8845(7,5300) + (1708,924) = (9756,1643)$$

$$8849(7,5300) + (1089,2689) = (5408,7946)$$

$$8850(7,5300) + (5408,7946) = (5897,2129)$$

$$8853(7,5300) + (734,348) = (4276,4439)$$

$$8857(7,5300) + (9882,3193) = (4922,775)$$

$$8859(7,5300) + (7775,2269) = (20,1315)$$

$$8860(7,5300) + (20,1315) = (9205,1504)$$

$$8861(7,5300) + (9205,1504) = (775,5977)$$

$$8867(7,5300) + (6149,922) = (8790,3916)$$

$$8884(7,5300) + (1340,1595) = (8300,4650)$$

$$8887(7,5300) + (5625,4028) = (2576,946)$$

$$8894(7,5300) + (5554,1731) = (5423,3227)$$

$$8895(7,5300) + (5423,3227) = (6305,41)$$

$$8896(7,5300) + (6305,41) = (5120,6868)$$

$$8899(7,5300) + (6850,9511) = (3430,3750)$$

$$8902(7,5300) + (4680,3253) = (3063,3159)$$

$$8907(7,5300) + (1973,8353) = (183,9483)$$

$$8908(7,5300) + (183,9483) = (3965,8319)$$

$$8917(7,5300) + (5910,9864) = (2384,9701)$$

$$8918(7,5300) + (2384,9701) = (265,2739)$$

$$8921(7,5300) + (8520,7728) = (471,4309)$$

$$8922(7,5300) + (471,4309) = (4793,1428)$$

$$8926(7,5300) + (1947,5418) = (252,5569)$$

$$8927(7,5300) + (252,5569) = (9612,4985)$$

$$8928(7,5300) + (9612,4985) = (2527,492)$$

$$8929(7,5300) + (2527,492) = (390,1975)$$

$$8941(7,5300) + (6021,6069) = (913,7543)$$

$$8942(7,5300) + (913,7543) = (7397,6072)$$

$$8944(7,5300) + (3374,4859) = (1901,6453)$$

$$8948(7,5300) + (5306,8046) = (603,2555)$$

$$8949(7,5300) + (603,2555) = (4632,101)$$

$$8951(7,5300) + (7378,6941) = (5527,3026)$$

$$8952(7,5300) + (5527,3026) = (987,4023)$$

$$8953(7,5300) + (987,4023) = (9456,1713)$$

$$8955(7,5300) + (9310,5861) = (224,5349)$$

$$8958(7,5300) + (3728,704) = (6,2756)$$

$$8968(7,5300) + (6722,9307) = (8945,7239)$$

$$8977(7,5300) + (6981,8155) = (1902,7474)$$

$$8984(7,5300) + (3702,7108) = (161,1073)$$

$$8992(7,5300) + (5222,7924) = (8697,9833)$$

$$8994(7,5300) + (2916,7106) = (2607,3829)$$

$$8995(7,5300) + (2607,3829) = (7162,9852)$$

$$8996(7,5300) + (7162,9852) = (8972,1486)$$

$$9002(7,5300) + (7369,6727) = (1327,7273)$$

$$9009(7,5300) + (716,9149) = (5053,1477)$$

$$9021(7,5300) + (6716,9080) = (3373,4851)$$

$$9022(7,5300) + (3373,4851) = (2358,9376)$$

$$9034(7,5300) + (3189,8022) = (1254,8779)$$

$$9037(7,5300) + (7912,112) = (2029,6410)$$

$$9042(7,5300) + (1094,3239) = (5249,7272)$$

$$9056(7,5300) + (3226,6551) = (6743,2770)$$

$$9064(7,5300) + (3080,9281) = (1162,1957)$$

$$9066(7,5300) + (3947,7750) = (6720,5079)$$

$$9076(7,5300) + (4436,3446) = (125,5920)$$

$$9077(7,5300) + (125,5920) = (2549,2545)$$

$$9079(7,5300) + (3215,6680) = (877,1413)$$

$$9089(7,5300) + (5171,8790) = (8873,4048)$$

$$9117(7,5300) + (2434,5769) = (1766,1419)$$

$$9139(7,5300) + (5599,9494) = (5027,942)$$

$$9143(7,5300) + (1795,3527) = (3770,7112)$$

$$9144(7,5300) + (3770,7112) = (5021,3476)$$

$$9145(7,5300) + (5021,3476) = (6360,396)$$

$$9207(7,5300) + (7031,253) = (3068,152)$$

$$9227(7,5300) + (3962,4721) = (9606,9356)$$

$$9242(7,5300) + (5825,2277) = (4572,8)$$

$$9247(7,5300) + (7481,3279) = (4775,3846)$$

$$9248(7,5300) + (4775,3846) = (2034,2794)$$

$$9262(7,5300) + (9055,9804) = (2533,9767)$$

$$9266(7,5300) + (9515,8017) = (87,6406)$$

$$9277(7,5300) + (3268,809) = (1088,3259)$$

$$9292(7,5300) + (3322,9705) = (4409,2314)$$

$$9295(7,5300) + (569,2749) = (3337,7002)$$

$$9306(7,5300) + (9557,1814) = (5806,325)$$

$$9308(7,5300) + (4943,945) = (4374,2780)$$

$$9314(7,5300) + (1233,5341) = (2164,317)$$

$$9316(7,5300) + (103,5569) = (4277,8795)$$

$$9317(7,5300) + (4277,8795) = (901,249)$$

$$9322(7,5300) + (1137,36) = (9792,7162)$$

$$9340(7,5300) + (786,6486) = (7979,1819)$$

$$9343(7,5300) + (5687,2742) = (2295,748)$$

$$9344(7,5300) + (2295,748) = (8794,4939)$$

$$9347(7,5300) + (7586,2079) = (6307,9159)$$

$$9349(7,5300) + (747,5175) = (2079,5057)$$

$$9374(7,5300) + (6195,3394) = (3759,3010)$$

$$9377(7,5300) + (276,4270) = (2063,1754)$$

$$9388(7,5300) + (2179,7867) = (803,5388)$$

$$9389(7,5300) + (803,5388) = (6782,3606)$$

$$9396(7,5300) + (4427,237) = (7660,711)$$

$$9425(7,5300) + (509,2344) = (5870,4346)$$

$$9427(7,5300) + (3065,9673) = (6429,576)$$

$$9439(7,5300) + (3052,4154) = (1731,9753)$$

$$9443(7,5300) + (8096,8707) = (4250,30)$$

$$9444(7,5300) + (4250,30) = (8808,511)$$

$$9459(7,5300) + (4015,2046) = (6707,579)$$

$$9466(7,5300) + (4989,4947) = (1005,190)$$

$$9471(7,5300) + (7549,4764) = (44,3749)$$

$$9473(7,5300) + (8782,9048) = (2170,598)$$

$$9478(7,5300) + (2684,6947) = (5227,2344)$$

$$9490(7,5300) + (5952,4405) = (3712,1873)$$

$$9497(7,5300) + (8882,3086) = (1077,7494)$$

$$9507(7,5300) + (1303,9662) = (426,4177)$$

$$9520(7,5300) + (3386,2800) = (5383,795)$$

$$9539(7,5300) + (3276,241) = (4215,3)$$

$$9544(7,5300) + (52,2643) = (4381,784)$$

$$9545(7,5300) + (4381,784) = (5,4467)$$

$$9549(7,5300) + (9365,4022) = (6187,247)$$

$$9554(7,5300) + (7972,224) = (40,8222)$$

$$9600(7,5300) + (266,4635) = (6210,1431)$$

$$9605(7,5300) + (631,3030) = (9671,7276)$$

$$9625(7,5300) + (6732,5187) = (2271,7050)$$

$$9626(7,5300) + (2271,7050) = (9198,3499)$$

$$9628(7,5300) + (7071,5500) = (4925,7333)$$

$$9644(7,5300) + (2329,3750) = (1036,9376)$$

$$9648(7,5300) + (578,5235) = (3701,4777)$$

$$9658(7,5300) + (5919,4053) = (4586,170)$$

$$9663(7,5300) + (4107,4507) = (572,5219)$$

$$9686(7,5300) + (4274,9099) = (2333,4918)$$

$$9693(7,5300) + (5539,1868) = (2,7439)$$

$$9694(7,5300) + (2,7439) = (1677,8636)$$

$$9697(7,5300) + (8267,8845) = (6274,5246)$$

$$9713(7,5300) + (2061,7680) = (8950,532)$$

$$9733(7,5300) + (1821,5679) = (2936,912)$$

$$9756(7,5300) + (1576,3794) = (5767,3271)$$

$$9761(7,5300) + (876,1626) = (7330,9700)$$

$$9767(7,5300) + (7385,2089) = (4621,4214)$$

$$9802(7,5300) + (1580,4309) = (2705,3474)$$

$$9812(7,5300) + (7837,757) = (7849,7777)$$

$$9817(7,5300) + (4371,5272) = (1695,4993)$$

$$9820(7,5300) + (9575,1325) = (5235,976)$$

$$9841(7,5300) + (4763,9349) = (7411,1686)$$

$$9849(7,5300) + (7757,8578) = (4421,459)$$

$$9859(7,5300) + (8724,9429) = (5277,3578)$$

$$9867(7,5300) + (6051,82) = (9194,4562)$$

$$9875(7,5300) + (9960,3785) = (858,8073)$$

$$9887(7,5300) + (2598,7987) = (7554,7038)$$

$$9890(7,5300) + (6031,6201) = (3042,228)$$

$$9895(7,5300) + (9477,753) = (7414,6671)$$

$$9899(7,5300) + (8658,5182) = (4301,7669)$$

$$9900(7,5300) + (4301,7669) = (0,1)$$

$$9901(7,5300)+(0,1)=(2643,648)$$

$$9952(7,5300) + (2523,6239) = (7273,985)$$

$$9964(7,5300) + (373,8575) = (2887,591)$$

$$9989(7,5300) + (134,7660) = (4002,597)$$

$$9990(7,5300) + (4002,597) = (8076,7791)$$

$$10004(7,5300) + (484,6224) = (3230,1170)$$

$$10006(7,5300) + (9785,2147) = (691,2150)$$

$$10007(7,5300) + (691,2150) = (2019,279)$$

$$10008(7,5300) + (2019,279) = (6581,3854)$$

$$10019(7,5300) + (8731,8133) = (3266,2333)$$

$$10021(7,5300) + (1527,5925) = (5677,9815)$$

$$10022(7,5300) + (5677,9815) = (7951,605)$$

$$10033(7,5300) + (1852,1607) = (3895,9414)$$

$$10034(7,5300) + (3895,9414) = (7856,9904)$$

$$10037(7,5300) + (289,2162) = (1359,1228)$$

$$10040(7,5300) + (5811,9264) = (9856,139)$$

$$10046(7,5300) + (9400,4232) = (6439,951)$$

$$10047(7,5300) + (6439,951) = (5704,377)$$

$$10048(7,5300) + (5704,377) = (2850,9045)$$

$$10049(7,5300) + (2850,9045) = (6902,3963)$$

$$10051(7,5300) + (571,5558) = (651,2922)$$

$$10056(7,5300) + (5196,6972) = (7812,4217)$$

$$10057(7,5300) + (7812,4217) = (8925,2884)$$

$$10058(7,5300) + (8925,2884) = (506,2874)$$

$$10059(7,5300) + (506,2874) = (2759,6796)$$

$$10060(7,5300) + (2759,6796) = (9551,217)$$

$$10062(7,5300) + (3831,830) = (6794,5151)$$

$$10063(7,5300) + (6794,5151) = (1142,3862)$$

$$10064(7,5300) + (1142,3862) = (7,4707)$$

## 10065(7,5300) + (7,4707) = (-1,-1)

$$10066(7,5300) + (-1,-1) = (7,5300)$$

$$10067(7,5300) + (7,5300) = (1142,6145)$$

$$10070(7,5300) + (3831,9177) = (9551,9790)$$

$$10071(7,5300) + (9551,9790) = (2759,3211)$$

$$10072(7,5300) + (2759,3211) = (506,7133)$$

$$10073(7,5300) + (506,7133) = (8925,7123)$$

$$10074(7,5300) + (8925,7123) = (7812,5790)$$

$$10075(7,5300) + (7812,5790) = (5196,3035)$$

$$10076(7,5300) + (5196,3035) = (7522,6377)$$

$$10086(7,5300) + (9400,5775) = (9268,3152)$$

$$10088(7,5300) + (5583,2522) = (3375,2006)$$

$$10094(7,5300) + (1359,8779) = (289,7845)$$

$$10095(7,5300) + (289,7845) = (6170,2919)$$

$$10096(7,5300) + (6170,2919) = (7856,103)$$

$$10103(7,5300) + (3690,1568) = (2470,5760)$$

$$10111(7,5300) + (1527,4082) = (3266,7674)$$

$$10123(7,5300) + (6581,6153) = (2019,9728)$$

$$10124(7,5300) + (2019,9728) = (691,7857)$$

$$10130(7,5300) + (1664,5334) = (4407,9279)$$

$$10138(7,5300) + (7864,9944) = (8337,8690)$$

$$10141(7,5300) + (8076,2216) = (4002,9410)$$

$$10142(7,5300) + (4002,9410) = (134,2347)$$

$$10143(7,5300) + (134,2347) = (1406,8949)$$

$$10144(7,5300) + (1406,8949) = (3847,6000)$$

$$10148(7,5300) + (5552,499) = (829,8918)$$

$$10150(7,5300) + (8252,6838) = (7291,8975)$$

$$10153(7,5300) + (8757,245) = (5915,3637)$$

$$10154(7,5300) + (5915,3637) = (6871,7486)$$

$$10169(7,5300) + (5350,2936) = (8837,2377)$$

$$10175(7,5300) + (6417,1557) = (2133,2976)$$

$$10179(7,5300) + (7273,9022) = (2523,3768)$$

$$10180(7,5300) + (2523,3768) = (2018,3211)$$

$$10181(7,5300) + (2018,3211) = (4469,2893)$$

$$10184(7,5300) + (4504,7067) = (2937,2541)$$

$$10195(7,5300) + (7064,8300) = (3328,9950)$$

$$10202(7,5300) + (8521,8145) = (8961,7714)$$

$$10207(7,5300) + (6845,7842) = (2096,4908)$$

$$10211(7,5300) + (2467,7165) = (7865,7821)$$

$$10214(7,5300) + (402,5593) = (6558,329)$$

$$10222(7,5300) + (7136,9091) = (372,3564)$$

$$10223(7,5300) + (372,3564) = (4261,1718)$$

$$10224(7,5300) + (4261,1718) = (1410,5225)$$

$$10225(7,5300) + (1410,5225) = (7830,5061)$$

$$10226(7,5300) + (7830,5061) = (39,8589)$$

$$10227(7,5300) + (39,8589) = (4977,1114)$$

$$10229(7,5300) + (790,8580) = (2643,9359)$$

$$10230(7,5300) + (2643,9359) = (0,10006)$$

$$10231(7,5300) + (0,10006) = (4301,2338)$$

$$10234(7,5300) + (3822,677) = (8514,2627)$$

$$10235(7,5300) + (8514,2627) = (7414,3336)$$

$$10240(7,5300) + (9444,9863) = (3042,9779)$$

$$10249(7,5300) + (5364,5323) = (6769,9221)$$

$$10250(7,5300) + (6769,9221) = (9144,8852)$$

$$10252(7,5300) + (8844,4071) = (8116,9814)$$

$$10253(7,5300) + (8116,9814) = (5663,823)$$

$$10254(7,5300) + (5663,823) = (8775,1980)$$

$$10262(7,5300) + (6264,5747) = (2508,546)$$

$$10271(7,5300) + (3166,4902) = (5277,6429)$$

$$10273(7,5300) + (8724,578) = (9274,1365)$$

$$10276(7,5300) + (8370,6757) = (6919,1191)$$

$$10277(7,5300) + (6919,1191) = (6756,9207)$$

$$10279(7,5300) + (5920,8453) = (1925,6893)$$

$$10283(7,5300) + (7757,1429) = (8264,8675)$$

$$10292(7,5300) + (6587,5827) = (5449,6525)$$

$$10304(7,5300) + (3643,5004) = (2325,4015)$$

$$10305(7,5300) + (2325,4015) = (9172,9438)$$

$$10307(7,5300) + (638,5027) = (1223,1871)$$

$$10315(7,5300) + (4371,4735) = (7604,5913)$$

$$10319(7,5300) + (7849,2230) = (7837,9250)$$

$$10330(7,5300) + (1580,5698) = (891,6799)$$

$$10332(7,5300) + (9016,7237) = (1649,4585)$$

$$10337(7,5300) + (5129,7234) = (2951,5385)$$

$$10338(7,5300) + (2951,5385) = (7680,879)$$

$$10342(7,5300) + (5503,7635) = (3453,6910)$$

$$10345(7,5300) + (4014,4678) = (4387,50)$$

$$10346(7,5300) + (4387,50) = (9564,8143)$$

$$10348(7,5300) + (4340,571) = (903,8902)$$

$$10354(7,5300) + (4099,1647) = (385,6321)$$

$$10355(7,5300) + (385,6321) = (855,7923)$$

$$10357(7,5300) + (3137,1563) = (4423,6859)$$

$$10359(7,5300) + (6413,2169) = (8424,5492)$$

$$10360(7,5300) + (8424,5492) = (4311,3754)$$

$$10364(7,5300) + (4621,5793) = (7385,7918)$$

$$10369(7,5300) + (653,960) = (7330,307)$$

$$10371(7,5300) + (876,8381) = (122,5209)$$

$$10384(7,5300) + (3487,5397) = (2541,4044)$$

$$10385(7,5300) + (2541,4044) = (8989,3109)$$

$$10391(7,5300) + (6232,2761) = (2393,3555)$$

$$10396(7,5300) + (2502,1252) = (6163,5514)$$

$$10410(7,5300) + (8673,3111) = (2426,721)$$

$$10411(7,5300) + (2426,721) = (3150,9614)$$

$$10412(7,5300) + (3150,9614) = (1598,4666)$$

$$10418(7,5300) + (8950,9475) = (2061,2327)$$

$$10419(7,5300) + (2061,2327) = (4910,3916)$$

$$10424(7,5300) + (9437,7751) = (8075,6859)$$

$$10427(7,5300) + (7667,5944) = (4079,7662)$$

$$10430(7,5300) + (1250,3704) = (7572,9276)$$

$$10437(7,5300) + (1677,1371) = (2,2568)$$

$$10440(7,5300) + (5948,5162) = (892,5878)$$

$$10445(7,5300) + (2333,5089) = (4274,908)$$

$$10446(7,5300) + (4274,908) = (3476,386)$$

$$10447(7,5300) + (3476,386) = (9968,4913)$$

$$10449(7,5300) + (9093,7887) = (1316,2723)$$

$$10450(7,5300) + (1316,2723) = (2991,4718)$$

$$10451(7,5300) + (2991,4718) = (5712,340)$$

$$10452(7,5300) + (5712,340) = (1344,9246)$$

$$10453(7,5300) + (1344,9246) = (5266,1962)$$

$$10454(7,5300) + (5266,1962) = (4348,2005)$$

$$10457(7,5300) + (3520,4829) = (3835,6673)$$

$$10459(7,5300) + (7597,1122) = (5505,97)$$

$$10463(7,5300) + (6885,8425) = (1522,118)$$

$$10467(7,5300) + (5635,4564) = (572,4788)$$

$$10474(7,5300) + (5919,5954) = (9091,8753)$$

$$10476(7,5300) + (2653,2875) = (9255,3047)$$

$$10477(7,5300) + (9255,3047) = (756,6795)$$

$$10478(7,5300) + (756,6795) = (6522,187)$$

$$10479(7,5300) + (6522,187) = (4254,1999)$$

$$10481(7,5300) + (1513,3354) = (2236,8265)$$

$$10483(7,5300) + (3701,5230) = (578,4772)$$

$$10487(7,5300) + (1036,631) = (2329,6257)$$

$$10489(7,5300) + (4550,8407) = (6986,5747)$$

$$10492(7,5300) + (6520,6742) = (2134,4886)$$

$$10493(7,5300) + (2134,4886) = (8531,6352)$$

$$10495(7,5300) + (1782,1769) = (3766,3886)$$

$$10499(7,5300) + (6290,1849) = (6234,1363)$$

$$10505(7,5300) + (9198,6508) = (2271,2957)$$

$$10507(7,5300) + (6732,4820) = (8620,5478)$$

$$10519(7,5300) + (5783,7556) = (4608,1219)$$

$$10520(7,5300) + (4608,1219) = (5659,9270)$$

$$10526(7,5300) + (9671,2731) = (631,6977)$$

$$10527(7,5300) + (631,6977) = (7539,1977)$$

$$10531(7,5300) + (6210,8576) = (266,5372)$$

$$10537(7,5300) + (3872,6243) = (7747,7479)$$

$$10543(7,5300) + (5318,4680) = (1232,8560)$$

$$10544(7,5300) + (1232,8560) = (244,5996)$$

$$10546(7,5300) + (8631,4715) = (2873,2583)$$

$$10547(7,5300) + (2873,2583) = (7978,2714)$$

$$10549(7,5300) + (6939,8131) = (3992,5512)$$

$$10558(7,5300) + (4960,6175) = (5764,4387)$$

$$10561(7,5300) + (72,9396) = (4098,627)$$

$$10570(7,5300) + (5090,9434) = (7614,9423)$$

$$10573(7,5300) + (6315,1010) = (78,380)$$

$$10574(7,5300) + (78,380) = (4971,9017)$$

$$10575(7,5300) + (4971,9017) = (7876,8852)$$

$$10577(7,5300) + (40,1785) = (7972,9783)$$

$$10586(7,5300) + (5,5540) = (4381,9223)$$

$$10587(7,5300) + (4381,9223) = (52,7364)$$

$$10597(7,5300) + (4125,547) = (6186,9591)$$

$$10600(7,5300) + (8909,1234) = (2149,4215)$$

$$10601(7,5300) + (2149,4215) = (5071,3544)$$

$$10602(7,5300) + (5071,3544) = (1285,5577)$$

$$10604(7,5300) + (6953,3593) = (10001,3011)$$

$$10613(7,5300) + (5908,3891) = (9530,2782)$$

$$10616(7,5300) + (269,9965) = (2860,5051)$$

$$10623(7,5300) + (4611,7338) = (426,5830)$$

$$10626(7,5300) + (6654,5574) = (2286,74)$$

$$10627(7,5300) + (2286,74) = (1421,6035)$$

$$10628(7,5300) + (1421,6035) = (4789,5590)$$

$$10629(7,5300) + (4789,5590) = (4389,9518)$$

$$10630(7,5300) + (4389,9518) = (1699,580)$$

$$10631(7,5300) + (1699,580) = (2314,142)$$

$$10634(7,5300) + (1077,2513) = (8882,6921)$$

$$10642(7,5300) + (5952,5602) = (8453,9523)$$

$$10643(7,5300) + (8453,9523) = (4049,2686)$$

$$10654(7,5300) + (2684,3060) = (9629,5125)$$

$$10655(7,5300) + (9629,5125) = (6822,2519)$$

$$10657(7,5300) + (6390,867) = (2170,9409)$$

$$10658(7,5300) + (2170,9409) = (8782,959)$$

$$10659(7,5300) + (8782,959) = (44,6258)$$

$$10664(7,5300) + (8080,3511) = (1005,9817)$$

$$10669(7,5300) + (7650,8175) = (3028,317)$$

$$10676(7,5300) + (5990,7778) = (1221,7076)$$

$$10681(7,5300) + (3071,5851) = (6977,4662)$$

$$10684(7,5300) + (8987,7245) = (5746,1798)$$

$$10688(7,5300) + (4250,9977) = (8096,1300)$$

$$10704(7,5300) + (6429,9431) = (3065,334)$$

$$10705(7,5300) + (3065,334) = (5870,5661)$$

$$10711(7,5300) + (5819,5545) = (8160,7998)$$

$$10715(7,5300) + (9168,1097) = (2842,3078)$$

$$10717(7,5300) + (7516,3148) = (1487,99)$$

$$10720(7,5300) + (4176,8244) = (6938,2861)$$

$$10723(7,5300) + (1047,8898) = (6791,4484)$$

$$10724(7,5300) + (6791,4484) = (4431,6372)$$

$$10727(7,5300) + (1791,5089) = (8010,7858)$$

$$10733(7,5300) + (6728,4055) = (3350,794)$$

$$10734(7,5300) + (3350,794) = (7660,9296)$$

$$10735(7,5300) + (7660,9296) = (4427,9770)$$

$$10736(7,5300) + (4427,9770) = (4054,5663)$$

$$10739(7,5300) + (4224,4001) = (7710,4778)$$

$$10742(7,5300) + (6782,6401) = (803,4619)$$

$$10744(7,5300) + (2179,2140) = (3626,7558)$$

$$10747(7,5300) + (7314,9778) = (6473,2963)$$

$$10749(7,5300) + (5887,555) = (7135,1269)$$

$$10751(7,5300) + (4046,5364) = (367,311)$$

$$10754(7,5300) + (2063,8253) = (276,5737)$$

$$10759(7,5300) + (5918,4567) = (6481,690)$$

$$10762(7,5300) + (6105,6395) = (4856,4921)$$

$$10763(7,5300) + (4856,4921) = (736,1850)$$

$$10764(7,5300) + (736,1850) = (5050,1270)$$

$$10769(7,5300) + (5882,7041) = (1835,527)$$

$$10770(7,5300) + (1835,527) = (75,9899)$$

$$10771(7,5300) + (75,9899) = (8182,2639)$$

$$10774(7,5300) + (3015,3524) = (8433,5743)$$

$$10778(7,5300) + (2787,8504) = (1728,9894)$$

$$10784(7,5300) + (6307,848) = (7586,7928)$$

$$10789(7,5300) + (5687,7265) = (2237,5574)$$

$$10799(7,5300) + (2577,2571) = (3178,9877)$$

$$10801(7,5300) + (2201,5851) = (7514,4450)$$

$$10804(7,5300) + (3880,6522) = (588,8712)$$

$$10813(7,5300) + (4364,6283) = (901,9758)$$

$$10815(7,5300) + (4277,1212) = (103,4438)$$

$$10816(7,5300) + (103,4438) = (2164,9690)$$

$$10817(7,5300) + (2164,9690) = (1233,4666)$$

$$10836(7,5300) + (3337,3005) = (569,7258)$$

$$10839(7,5300) + (4409,7693) = (3322,302)$$

$$10840(7,5300) + (3322,302) = (7694,5058)$$

$$10843(7,5300) + (2310,3677) = (8825,5429)$$

$$10844(7,5300) + (8825,5429) = (1419,3522)$$

$$10846(7,5300) + (3426,4519) = (4211,4239)$$

$$10865(7,5300) + (87,3601) = (9515,1990)$$

$$10870(7,5300) + (9055,203) = (2305,5756)$$

$$10871(7,5300) + (2305,5756) = (3803,1759)$$

$$10873(7,5300) + (7103,3481) = (4952,1342)$$

$$10874(7,5300) + (4952,1342) = (3341,8355)$$

$$10877(7,5300) + (3577,3226) = (8894,7392)$$

$$10879(7,5300) + (7026,5273) = (7467,1746)$$

$$10885(7,5300) + (7481,6728) = (9976,3611)$$

$$10897(7,5300) + (9525,6377) = (8772,6576)$$

$$10898(7,5300) + (8772,6576) = (7509,3342)$$

$$10899(7,5300) + (7509,3342) = (7449,5094)$$

$$10902(7,5300) + (835,8950) = (1774,5982)$$

$$10913(7,5300) + (9012,4977) = (5699,4530)$$

$$10923(7,5300) + (4350,8441) = (3068,9855)$$

$$10924(7,5300) + (3068,9855) = (7031,9754)$$

$$10925(7,5300) + (7031,9754) = (2477,4252)$$

$$10926(7,5300) + (2477,4252) = (8955,8617)$$

$$10927(7,5300) + (8955,8617) = (7728,9198)$$

$$10940(7,5300) + (3432,4502) = (5157,6053)$$

$$10942(7,5300) + (586,9074) = (656,6595)$$

$$10945(7,5300) + (358,7213) = (1525,197)$$

$$10948(7,5300) + (1436,6625) = (2025,5672)$$

$$10952(7,5300) + (2528,451) = (4203,4430)$$

$$10953(7,5300) + (4203,4430) = (6340,5939)$$

$$10958(7,5300) + (5175,9640) = (5888,3912)$$

$$10966(7,5300) + (2839,2978) = (4642,48)$$

$$10967(7,5300) + (4642,48) = (5866,8509)$$

$$10975(7,5300) + (7235,9421) = (8430,6690)$$

$$10984(7,5300) + (8893,9927) = (2812,520)$$

$$10985(7,5300) + (2812,520) = (6360,9611)$$

$$10990(7,5300) + (1563,7665) = (117,2932)$$

$$10993(7,5300) + (5599,513) = (9061,679)$$

$$10994(7,5300) + (9061,679) = (9368,69)$$

$$11006(7,5300) + (5285,8454) = (2617,4247)$$

$$11007(7,5300) + (2617,4247) = (3489,7078)$$

$$11017(7,5300) + (6266,1511) = (2926,7921)$$

$$11041(7,5300) + (4112,1262) = (8873,5959)$$

$$11043(7,5300) + (5171,1217) = (4124,3759)$$

$$11044(7,5300) + (4124,3759) = (8915,9383)$$

$$11075(7,5300) + (6743,7237) = (3226,3456)$$

$$11086(7,5300) + (4700,7567) = (7853,6510)$$

$$11088(7,5300) + (8118,4854) = (5249,2735)$$

$$11110(7,5300) + (3373,5156) = (6716,927)$$

$$11120(7,5300) + (1553,6834) = (2321,8120)$$

$$11129(7,5300) + (1327,2734) = (7369,3280)$$

$$11137(7,5300) + (2607,6178) = (2916,2901)$$

$$11140(7,5300) + (5222,2083) = (7957,2281)$$

$$11141(7,5300) + (7957,2281) = (9339,6622)$$

$$11143(7,5300) + (2739,8249) = (3338,5071)$$

$$11165(7,5300) + (7176,5341) = (1348,3256)$$

$$11172(7,5300) + (7401,2476) = (6,7251)$$

$$11173(7,5300) + (6,7251) = (3728,9303)$$

$$11174(7,5300) + (3728,9303) = (5288,2296)$$

$$11185(7,5300) + (4980,451) = (5086,250)$$

$$11194(7,5300) + (3183,3329) = (6165,4275)$$

$$11195(7,5300) + (6165,4275) = (4191,8309)$$

$$11197(7,5300) + (9337,6373) = (3108,9208)$$

$$11204(7,5300) + (9612,5022) = (252,4438)$$

$$11207(7,5300) + (9578,3041) = (8549,1074)$$

$$11217(7,5300) + (704,4763) = (5690,7822)$$

$$11224(7,5300) + (183,524) = (1973,1654)$$

$$11234(7,5300) + (9875,8473) = (5120,3139)$$

$$11237(7,5300) + (5423,6780) = (5554,8276)$$

$$11248(7,5300) + (1340,8412) = (9237,6551)$$

$$11249(7,5300) + (9237,6551) = (5745,1852)$$

$$11251(7,5300) + (2234,8574) = (7692,1677)$$

$$11259(7,5300) + (9305,9719) = (804,7515)$$

$$11263(7,5300) + (9304,4628) = (8790,6091)$$

$$11272(7,5300) + (20,8692) = (7775,7738)$$

$$11279(7,5300) + (734,9659) = (173,7263)$$

$$11282(7,5300) + (5408,2061) = (1089,7318)$$

$$11290(7,5300) + (7167,4794) = (3424,4996)$$

$$11299(7,5300) + (7060,398) = (4007,5129)$$

$$11306(7,5300) + (5953,3074) = (107,6350)$$

$$11314(7,5300) + (8732,726) = (7361,731)$$

$$11332(7,5300) + (6247,4221) = (8890,6931)$$

$$11341(7,5300) + (4255,2770) = (1700,1329)$$

$$11369(7,5300) + (5186,9732) = (6726,7086)$$

$$11372(7,5300) + (4449,9715) = (7959,7743)$$

$$11384(7,5300) + (1163,7890) = (8023,2710)$$

$$11387(7,5300) + (866,5529) = (515,9511)$$

$$11392(7,5300) + (6510,8590) = (1086,7565)$$

$$11397(7,5300) + (710,3607) = (6172,3369)$$

$$11411(7,5300) + (714,21) = (7212,7918)$$

$$11412(7,5300) + (7212,7918) = (8798,3178)$$

$$11419(7,5300) + (1500,7500) = (3705,1215)$$

$$11426(7,5300) + (3830,9902) = (3975,9304)$$

$$11429(7,5300) + (8137,4257) = (7607,6519)$$

$$11436(7,5300) + (5082,4377) = (3596,93)$$

$$11438(7,5300) + (1413,8088) = (7081,4644)$$

$$11453(7,5300) + (8491,1136) = (1009,4392)$$

$$11467(7,5300) + (1977,3364) = (7502,9482)$$

$$11471(7,5300) + (4738,3659) = (2986,8691)$$

$$11473(7,5300) + (3176,1439) = (7956,4309)$$

$$11476(7,5300) + (7852,1928) = (2910,9816)$$

$$11494(7,5300) + (8822,9060) = (3274,8632)$$

$$11498(7,5300) + (3718,9493) = (9995,6279)$$

$$11523(7,5300) + (814,9730) = (5041,5978)$$

$$11540(7,5300) + (5460,35) = (3422,3666)$$

$$11544(7,5300) + (8290,4077) = (314,2417)$$

$$11554(7,5300) + (5304,5105) = (3019,3435)$$

$$11576(7,5300) + (70,1961) = (2732,9034)$$

$$11579(7,5300) + (2461,6771) = (4490,1037)$$

$$11626(7,5300) + (2610,7344) = (1058,8149)$$

$$11627(7,5300) + (1058,8149) = (6291,4735)$$

$$11628(7,5300) + (6291,4735) = (3679,2916)$$

$$11635(7,5300) + (3262,1138) = (3792,3936)$$

$$11642(7,5300) + (9806,2567) = (4571,5358)$$

$$11653(7,5300) + (1953,5758) = (4248,3750)$$

$$11687(7,5300) + (4636,6726) = (6462,1897)$$

$$11692(7,5300) + (2343,5533) = (5466,7234)$$

$$11696(7,5300) + (2619,8963) = (6601,1490)$$

$$11710(7,5300) + (2780,1348) = (5417,2089)$$

$$11711(7,5300) + (5417,2089) = (9208,322)$$

$$11716(7,5300) + (2127,9341) = (9018,809)$$

$$11719(7,5300) + (4916,2287) = (3435,510)$$

$$11731(7,5300) + (5453,7342) = (4871,2196)$$

$$11733(7,5300) + (705,2124) = (6072,3917)$$

$$11734(7,5300) + (6072,3917) = (1178,1882)$$

$$11742(7,5300) + (3421,2317) = (4130,3476)$$

$$11746(7,5300) + (4422,2413) = (4905,9025)$$

$$11750(7,5300) + (1173,3224) = (3876,3408)$$

$$11762(7,5300) + (7615,2794) = (9393,2490)$$

$$11764(7,5300) + (3612,6362) = (632,3704)$$

$$11777(7,5300) + (5163,4648) = (5580,8323)$$

$$11783(7,5300) + (3951,2437) = (2571,7573)$$

$$11788(7,5300) + (4220,3734) = (7772,1572)$$

$$11789(7,5300) + (7772,1572) = (5597,9195)$$

$$11795(7,5300) + (3018,1972) = (3958,8612)$$

$$11812(7,5300) + (3666,8428) = (8310,2127)$$

$$11813(7,5300) + (8310,2127) = (5470,6497)$$

$$11816(7,5300) + (8791,2574) = (7762,7681)$$

$$11824(7,5300) + (6242,841) = (8818,19)$$

$$11842(7,5300) + (1723,2024) = (6792,4924)$$

$$11843(7,5300) + (6792,4924) = (7052,1189)$$

$$11845(7,5300) + (2425,2547) = (7584,1990)$$

$$11849(7,5300) + (1238,4730) = (9442,5629)$$

$$11855(7,5300) + (2672,6492) = (1240,3397)$$

$$11858(7,5300) + (6219,5923) = (4108,2390)$$

$$11869(7,5300) + (1432,5414) = (1411,2193)$$

$$11870(7,5300) + (1411,2193) = (7627,9339)$$

$$11876(7,5300) + (8401,5178) = (9352,5272)$$

$$11896(7,5300) + (1091,9528) = (438,995)$$

$$11897(7,5300) + (438,995) = (3279,8854)$$

$$11900(7,5300) + (3251,9594) = (6941,9879)$$

$$11908(7,5300) + (3778,8034) = (1096,4013)$$

$$11924(7,5300) + (1711,5647) = (4270,5125)$$

$$11930(7,5300) + (7075,5599) = (3556,8919)$$

$$11951(7,5300) + (7896,7738) = (2872,6389)$$

$$11979(7,5300) + (2053,7024) = (5748,8419)$$

$$12011(7,5300) + (1060,9735) = (4310,1656)$$

$$12013(7,5300) + (9561,2435) = (1470,9305)$$

$$12019(7,5300) + (6779,1670) = (7202,5233)$$

$$12020(7,5300) + (7202,5233) = (8146,7086)$$

$$12028(7,5300) + (4613,5012) = (3777,6507)$$

$$12029(7,5300) + (3777,6507) = (3446,4320)$$

$$12032(7,5300) + (26,6887) = (1261,35)$$

$$12033(7,5300) + (1261,35) = (8104,8993)$$

$$12039(7,5300) + (433,8040) = (303,3179)$$

$$12043(7,5300) + (8145,4711) = (1488,3571)$$

$$12054(7,5300) + (6469,2838) = (1726,10)$$

$$12055(7,5300) + (1726,10) = (8552,7799)$$

$$12059(7,5300) + (7118,3140) = (3053,8185)$$

$$12074(7,5300) + (6944,865) = (2592,500)$$

$$12080(7,5300) + (8345,3751) = (3044,971)$$

$$12081(7,5300) + (3044,971) = (9260,871)$$

$$12082(7,5300) + (9260,871) = (6659,8926)$$

$$12086(7,5300) + (7566,8782) = (2504,1105)$$

$$12088(7,5300) + (3536,6540) = (3578,92)$$

$$12089(7,5300) + (3578,92) = (5994,3028)$$

$$12092(7,5300) + (5012,7268) = (5128,652)$$

$$12099(7,5300) + (5818,3008) = (2560,7300)$$

$$12101(7,5300) + (337,8670) = (6110,9399)$$

$$12107(7,5300) + (7229,9153) = (7731,2975)$$

$$12109(7,5300) + (7798,1454) = (2000,2955)$$

$$12112(7,5300) + (2326,9547) = (4682,6765)$$

$$12113(7,5300) + (4682,6765) = (4946,3277)$$

$$12115(7,5300) + (4375,8271) = (4939,4294)$$

$$12141(7,5300) + (9233,137) = (3241,382)$$

$$12146(7,5300) + (9514,9994) = (1697,959)$$

$$12148(7,5300) + (9900,5255) = (4376,1139)$$

$$12151(7,5300) + (1206,9110) = (2351,1440)$$

$$12155(7,5300) + (2435,2482) = (2015,2372)$$

$$12164(7,5300) + (62,9573) = (2586,8303)$$

$$12167(7,5300) + (768,3423) = (2028,4971)$$

$$12168(7,5300) + (2028,4971) = (4833,8518)$$

$$12173(7,5300) + (1744,2084) = (3388,3656)$$

$$12177(7,5300) + (1754,6580) = (2073,60)$$

$$12178(7,5300) + (2073,60) = (8895,5366)$$

$$12194(7,5300) + (8756,2395) = (9098,8270)$$

$$12200(7,5300) + (5777,4994) = (175,2992)$$

$$12202(7,5300) + (3280,8929) = (1940,3961)$$

$$12209(7,5300) + (1614,9523) = (5929,229)$$

$$12220(7,5300) + (7759,5616) = (1873,9526)$$

$$12221(7,5300) + (1873,9526) = (4861,1726)$$

$$12223(7,5300) + (1272,6026) = (5601,3846)$$

$$12229(7,5300) + (8971,7398) = (7623,3505)$$

$$12231(7,5300) + (930,7333) = (3324,4459)$$

$$12232(7,5300) + (3324,4459) = (2327,5971)$$

$$12235(7,5300) + (3408,2320) = (2279,6430)$$

$$12241(7,5300) + (3954,5214) = (383,2370)$$

$$12244(7,5300) + (6691,1551) = (1879,6278)$$

$$12245(7,5300) + (1879,6278) = (7322,8551)$$

$$12248(7,5300) + (724,7192) = (3167,1365)$$

$$12249(7,5300) + (3167,1365) = (3105,4733)$$

$$12252(7,5300) + (6491,435) = (6727,2446)$$

$$12254(7,5300) + (6729,2195) = (6237,3205)$$

$$12255(7,5300) + (6237,3205) = (5571,153)$$

$$12259(7,5300) + (7861,9893) = (907,8026)$$

$$12263(7,5300) + (90,8949) = (9462,3415)$$

$$12271(7,5300) + (8579,3184) = (4028,2669)$$

$$12274(7,5300) + (9479,1275) = (7917,4491)$$

$$12275(7,5300) + (7917,4491) = (1110,9588)$$

$$12277(7,5300) + (4634,1208) = (6207,4381)$$

$$12281(7,5300) + (1767,1769) = (2818,4530)$$

$$12290(7,5300) + (5380,4517) = (4993,3221)$$

$$12296(7,5300) + (8563,7134) = (9922,8708)$$

$$12301(7,5300) + (576,8260) = (6353,115)$$

$$12317(7,5300) + (1423,1721) = (4069,345)$$

$$12319(7,5300) + (745,9613) = (3259,997)$$

$$12324(7,5300) + (8275,9636) = (9542,791)$$

$$12325(7,5300) + (9542,791) = (453,828)$$

$$12328(7,5300) + (6758,9992) = (2072,5433)$$

## 12345 (7, 5300) + (6028, 4836) = (6119, 1013)

## Código fuente

```
#include <cstdlib>
#include <stdio.h>
#include <conio.h>
@ PCIC-IIMAS-UNAM
@ Criptografia
@ Prof. Dr. Gerardo Vega Hernández
@ Octubre / 2013
@ Autor. J. Ponciano
@ EXAMEN-TAREA
@ Descripicion. Sea (Y*Y) = (X*X*X) + X + 1 (i.e. a=b=1) sobre Z_(10007)
         demuestre que P(7,5300) es un punto racional de la curva anterior
         cuyo orden es 10065. Mas aun suponga d=12345 es la llave privada del criptosistema,
         encuentre el valor del la llave publica Q, la cual se sabe esta dada por Q=dP.
*/
struct pareja suma_eliptica( struct pareja Punto , struct pareja parejaG);
  int a=1;
  int b=1;
  int z;
  int Zp=10007;
struct pareja
{
 int x;
 int y;
};
struct pareja parejas[100000];
int main(int argc, char *argv[])
   FILE *fp = fopen("Examen-Tarea.txt","w");
    for(int k=0; k<100000; k++)
      {
```

```
parejas[k].x=0;
      parejas[k].y=0;
      }
      parejas[0].x=-1;
      parejas[0].y=-1;
      int c_parejas=1;
  int count= 1;
  int x,y;
  for(x=0; x< Zp; x++)
  z = ((((x*x)\%Zp)*x)\%Zp) + ((a*x)\%Zp) + b)\%Zp;
  for(y=0; y< Zp; y++)
  {
       int y2 = (y*y);
       int y2_modulo = y2 % Zp;
       if( y2_modulo == z)
         {
         fprintf(fp,"%d (%d, %d)\n",count++,x,y);
               parejas[c_parejas].x=x;
               parejas[c_parejas].y=y;
         c_parejas++;
  }
  }
  struct pareja punto;
      punto.x = 7;
      punto.y = 5300;
  struct pareja suma_o;
      suma_o.x = 7;
      suma_o.y = 5300;
  int np = 1;
while(np++ < 12346)
  {
   printf(" %d (%d, %d) + (%d, %d) = ",np, punto.x, punto.y, suma_o.x, suma_o.y);
   fprintf(fp," %d (%d, %d) + (%d, %d) = ",np, punto.x, punto.y, suma_o.x, suma_o.y);
        suma_o = suma_eliptica(punto, suma_o);
   printf("(%d, %d)\n", suma_o.x, suma_o.y);
```

```
fprintf(fp,"(%d, %d)\n", suma_o.x, suma_o.y);
   }
   fclose(fp);
   printf("Echo! archivo de salida: Examen-Tarea.txt");
   getch();
return 0;
}
int ObtenInverso(int z)
{
                int inverso = 1;
                while ((((inverso * z) -1) % Zp) != 0 )
                        inverso ++;
return inverso;
}
struct pareja suma_eliptica( struct pareja Punto , struct pareja G)
    struct pareja suma;
     fflush(stdin);
     if( (parejaG.x == -1) &&(parejaG.y==-1) && !((Punto.x == -1) & (Punto.y==-1)))
      {
       suma.x = Punto.x;
       suma.y = Punto.y;
      return suma;
      }
     fflush(stdin);
     if( (Punto.x == -1) &&(Punto.y==-1) && !((parejaG.x == -1) && (parejaG.y==-1)) )
       suma.x = parejaG.x;
       suma.y = parejaG.y;
      return suma;
      }
      fflush(stdin);
    if( (Punto.x == parejaG.x) && (Punto.y == (Zp-parejaG.y)) )
        suma.x = -1;
        suma.y = -1;
        return suma;
```

```
}
    else
      int alfa;
      if((Punto.x != parejaG.x) || (Punto.y != parejaG.y))
         alfa = ((Punto.y - parejaG.y) * ObtenInverso( (Punto.x - parejaG.x)%Zp) %Zp);
        }
      else
        {
            int alfa_x= ((3*((Punto.x * Punto.x)%Zp)%Zp) +a)%Zp;
            int alfa_y= ObtenInverso((Punto.y + parejaG.y)%Zp);
         alfa = (alfa_x * alfa_y)%Zp;
        }
      suma.x = (((alfa*alfa)%Zp) - Punto.x - parejaG.x)%Zp;
      int f = (Punto.x - suma.x);
      suma.y = (((alfa * f)%Zp) - Punto.y)%Zp;
      while (suma.x < 0)
         suma.x = suma.x +Zp;
      while (suma.y < 0)
         suma.y = suma.y +Zp;
     return suma;
    }
return suma;
}
```