

Table 54

| PRIME PPset Area Patterns + Goldbach Conjecture | | | | | | | | | | | | | | |
|---|------------------------|----------------------------|----------------------------------|-------------|-----------------|-----------|-------------------|-------------------|------------------------------------|---|--|---|------------------------------------|---|
| line # | PRIMES AXIS # ≥ 3 | PRIMES AXIS # ² | Δ in P ² Areas | $\Delta/24$ | PPset AREAS | AREAS (A) | Δ in Areas | Area Border Color | *Running # of PPsets in AREAS, (B) | Δ in # of PPsets, $\sqrt{A} = (C)$ | PPsets on Row or Column (but not both) | EVENS | EVENS Overlap Any Previous Row/Col | EVENS Overlap Any Row/Col |
| 1 | 3 | 9 | | | 1 ² | 1 | | Black | 1 | 1 | 3,3 | 6 | | 6 |
| 2 | 5 | 25 | 16 | 6666 | 2 ² | 4 | 3 | Purple | 3 | 2 | 3,5-5,5 | 8-10 | | 8-10 |
| 3 | 7 | 49 | 24 | 1 | 3 ² | 9 | 5 | Red | 6 | 3 | 3,7-5,7-7,7 | 10-12-14 | 10 | 10-12-14 |
| 4 | 11 | 121 | 72 | 3 | 4 ² | 16 | 7 | Orange | 10 | 4 | 3,11-5,11-7,11-11,11 | 14-16-18-22 | 14 | 14-16-18-22 |
| 5 | 13 | 169 | 48 | 2 | 5 ² | 25 | 9 | Green | 15 | 5 | 3,13-5,13-7,13-11,13-13,13 | 16-18-20-24-26 | 16-18 | 16-18-20-24-26 |
| 6 | 17 | 289 | 120 | 5 | 6 ² | 36 | 11 | BGreen | 21 | 6 | 3,17-5,17-7,17-11,17-13,17-17,17 | 20-22-24-28-30-34 | 20-22-24 | 20-22-24-28-30-34 |
| 7 | 19 | 361 | 72 | 3 | 7 ² | 49 | 13 | Blue | 28 | 7 | 3,19-5,19-7,19-11,19-13,19-17,19-19,19 | 22-24-26-30-32-36-38 | 22-24-30 | 22-24-26-30-32-36-38 |
| 8 | 23 | 529 | 168 | 7 | 8 ² | 64 | 15 | Purple | 36 | 8 | 3,23-5,23-7,23-11,23-13,23-17,23-19,23-23,23 | 26-28-30-34-36-40-42-46 | 26-28-30-34-36- | 26-28-30-34-36-40-42-46 |
| 9 | 29 | 841 | 312 | 13 | 9 ² | 81 | 17 | Red | 45 | 9 | 3,29-5,29-7,29-11,29-13,29-17,29-19,29-23,29-29,29 | 32-34-36-40-42-46-48-52-58 | 32-34-36-40-42-46 | 32-34-36-40-42-46-48-52-58 |
| 10 | 31 | 961 | 120 | 5 | 10 ² | 100 | 19 | Orange | 55 | 10 | 3,31-5,31-7,31-11,31-13,31-17,31-19,31-23,31-29,31-31,31 | 34-36-38-42-44-48-50-54-60-62 | 34-36-38-42-48 | 34-36-38-42-44-48-50-54-60-62 |
| 11 | 37 | 1369 | 408 | 17 | 11 ² | 121 | 21 | Green | 66 | 11 | 3,37-5,37-7,37-11,37-13,37-17,37-19,37-23,37-29,37-31,37-37,37 | 40-42-44-48-50-54-56-62-68-70-74 | | 40-42-44-48-50-54-56-62-68-70-74 |
| 12 | 41 | 1681 | 312 | 13 | 12 ² | 144 | 23 | BGreen | 78 | 12 | 3,41-5,41-7,41-11,41-13,41-17,41-19,41-23,41-29,41-31,41-37,41-41,41 | 44-46-48-52-54-58-60-64-70-72-78-82 | | 44-46-48-52-54-58-60-64-70-72-78-82 |
| 13 | 43 | 1849 | 168 | 7 | 13 ² | 169 | 25 | Blue | 91 | 13 | 3,43-5,43-7,43-11,43-13,43-17,43-19,43-23,43-29,43-31,43-37,43-41,43-43,43 | 46-48-50-54-56-60-62-66-72-74-80-84-86 | | 46-48-50-54-56-60-62-66-72-74-80-84-86 |
| 14 | 47 | 2209 | 360 | 15 | 14 ² | 196 | 27 | Purple | 105 | 14 | 3,47-5,47-7,47-11,47-13,47-17,47-19,47-23,47-29,47-31,47-37,47-41,47-43,47-47,47 | 50-52-54-58-60-64-66-70-76-78-84-88-90-94 | | 50-52-54-58-60-64-66-70-76-78-84-88-90-94 |
| 15 | 53 | 2809 | 600 | 25 | 15 ² | 225 | 29 | Red | 120 | 15 | | | | |
| 16 | 59 | 3481 | 672 | 28 | 16 ² | 256 | 31 | Orange | 136 | 16 | | | | |
| 17 | 61 | 3721 | 240 | 10 | 17 ² | 289 | 33 | Green | 153 | 17 | | | | |
| 18 | 67 | 4489 | 768 | 32 | 18 ² | 324 | 35 | BGreen | 171 | 18 | | | | |
| 19 | 71 | 5041 | 552 | 23 | 19 ² | 361 | 37 | Blue | 190 | 19 | | | | |
| 20 | 73 | 5329 | 288 | 12 | 20 ² | 400 | 39 | Purple | 210 | 20 | | | | |
| 21 | 79 | 6241 | 912 | 38 | 21 ² | 441 | 41 | Red | 231 | 21 | | | | |
| 22 | 83 | 6889 | 648 | 27 | 22 ² | 484 | 43 | Orange | 253 | 22 | | | | |
| 23 | 89 | 7921 | 1032 | 43 | 23 ² | 529 | 45 | Green | 276 | 23 | | | | |
| 24 | 97 | 9409 | 1488 | 62 | 24 ² | 576 | 47 | BGreen | 300 | 24 | | | | |
| 25 | 101 | 10201 | 792 | 33 | 25 ² | 625 | 49 | Blue | 325 | 25 | | | | |
| 26 | 103 | 10609 | 408 | 17 | 26 ² | 676 | 51 | Purple | 351 | 26 | | | | |
| 27 | 107 | 11449 | 840 | 35 | 27 ² | 729 | 53 | Red | 378 | 27 | | | | |
| 28 | 109 | 11881 | 432 | 18 | 28 ² | 784 | 55 | Orange | 406 | 28 | | | | |
| 29 | 113 | 12769 | 888 | 37 | 29 ² | 841 | 57 | Green | 435 | 29 | | | | |
| 30 | 127 | 16129 | 3360 | 140 | 30 ² | 900 | 59 | BGreen | 465 | 30 | | | | |
| 31 | 131 | 17161 | 1032 | 43 | 31 ² | 961 | 61 | Blue | 496 | 31 | | | | |
| 32 | 137 | 18769 | 1608 | 67 | 32 ² | 1024 | 63 | Purple | 528 | 32 | | | | |
| 33 | 139 | 19321 | 552 | 23 | 33 ² | 1089 | 65 | Red | 561 | 33 | | | | |
| 34 | 149 | 22201 | 2880 | 120 | 34 ² | 1156 | 67 | Orange | 595 | 34 | | | | |
| 35 | 151 | 22801 | 600 | 25 | 35 ² | 1225 | 69 | Green | 630 | 35 | | | | |
| 36 | 157 | 24649 | 1848 | 77 | 36 ² | 1296 | 71 | BGreen | 666 | 36 | | | | |
| 37 | 163 | 26569 | 1920 | 80 | 37 ² | 1369 | 73 | Blue | 703 | 37 | | | | |
| 38 | 167 | 27889 | 1320 | 55 | 38 ² | 1444 | 75 | Purple | 741 | 38 | | | | |
| 39 | 173 | 29929 | 2040 | 85 | 39 ² | 1521 | 77 | Red | 780 | 39 | | | | |
| 40 | 179 | 32041 | 2112 | 88 | 40 ² | 1600 | 79 | Orange | 820 | 40 | | | | |
| 41 | 181 | 32761 | 720 | 30 | 41 ² | 1681 | 81 | Green | 861 | 41 | | | | |
| 42 | 191 | 36481 | 3720 | 155 | 42 ² | 1764 | 83 | BGreen | 903 | 42 | | | | |
| 43 | 193 | 37249 | 768 | 32 | 43 ² | 1849 | 85 | Blue | 946 | 43 | | | | |
| 44 | 197 | 38809 | 1560 | 65 | 44 ² | 1936 | 87 | Purple | 990 | 44 | | | | |
| 45 | 199 | 39601 | 792 | 33 | 45 ² | 2025 | 89 | Red | 1035 | 45 | | | | |
| 46 | 211 | 44521 | 4920 | 205 | 46 ² | 2116 | 91 | Orange | 1081 | 46 | | | | |
| 47 | 223 | 49729 | 5208 | 217 | 47 ² | 2209 | 93 | Green | 1128 | 47 | | | | |
| 48 | 227 | 51529 | 1800 | 75 | 48 ² | 2304 | 95 | BGreen | 1176 | 48 | | | | |
| 49 | 229 | 52441 | 912 | 38 | 49 ² | 2401 | 97 | Blue | 1225 | 49 | | | | |
| 50 | 233 | 54289 | 1848 | 77 | 50 ² | 2500 | 99 | Purple | 1275 | 50 | | | | |
| line # | PRIMES AXIS # ≥ 3 | PRIMES AXIS # ² | Δ in P ² Areas | $\Delta/24$ | PPset AREAS | AREAS (A) | Δ in Areas | Area Border Color | *Running # of PPsets in AREAS, (B) | Δ in # of PPsets, $\sqrt{A} = (C)$ | PPsets on Row or Column (but not both) | EVENS | EVENS Overlap Any Previous Row/Col | EVENS Overlap Any Row/Col |

Table 54: PPset Area Patterns

PRIME PPset AREA Patterns:

*Only count originals, no repeats, thus just one symmetry side + PD PPsets counted.

Dark Gray = PRIME Gap ≥ 2 ODDs

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