

Table167\_ODDs\_EVENS\_EVENSs-NOT\_Matrix+

| Table167: ODDs_EVENS_EVENSs-NOT Matrix, a.k.a. the DMT: Divisor (Factor) Matrix Table |      |                     |         |          |           |           |            |             |             |             |              |               |               |  |
|---------------------------------------------------------------------------------------|------|---------------------|---------|----------|-----------|-----------|------------|-------------|-------------|-------------|--------------|---------------|---------------|--|
| #                                                                                     | ODDs | EVENS-<br>NOT<br>Δ6 | EVENS   |          |           |           |            |             |             |             |              |               |               |  |
|                                                                                       |      |                     | Δ14     | Δ30      | Δ62       | Δ126      | Δ254       | Δ510        | Δ1022       | Δ2046       | Δ4094        | Δ8190         | Δ16382        |  |
| 1                                                                                     | 1    | 3 2                 | 7 4     | 15 8     | 31 16     | 63 32     | 127 64     | 255 128     | 511 256     | 1023 512    | 2047 1024    | 4095 2048     | 8191 4096     |  |
| 2                                                                                     | 3    | 9 6                 | 21 12   | 45 24    | 93 48     | 189 96    | 381 192    | 765 384     | 1533 768    | 3069 1536   | 6141 3072    | 12285 6144    | 24573 12288   |  |
| 3                                                                                     | 5    | 15 10               | 35 20   | 75 40    | 155 80    | 315 160   | 635 320    | 1275 640    | 2551 1280   | 5101 2560   | 10201 5120   | 20401 10240   | 40801 20480   |  |
| 4                                                                                     | 7    | 21 14               | 49 28   | 105 56   | 217 112   | 441 224   | 889 448    | 1785 896    | 3577 1792   | 7161 3584   | 14329 7168   | 28665 14336   | 57337 28672   |  |
| 5                                                                                     | 9    | 27 18               | 63 36   | 135 72   | 279 144   | 567 288   | 1143 576   | 2295 1152   | 4591 2304   | 9181 4608   | 18361 9216   | 36721 18432   | 73441 36864   |  |
| 6                                                                                     | 11   | 33 22               | 77 44   | 165 88   | 341 176   | 693 352   | 1397 704   | 2805 1408   | 5621 2816   | 11253 5632  | 22517 11264  | 45045 22528   | 90101 45056   |  |
| 7                                                                                     | 13   | 39 26               | 91 52   | 195 104  | 403 208   | 819 416   | 1651 832   | 3315 1664   | 6621 3328   | 13245 6656  | 26491 13312  | 52981 26624   | 105961 53248  |  |
| 8                                                                                     | 15   | 45 30               | 105 60  | 225 120  | 465 240   | 945 480   | 1905 960   | 3825 1920   | 7665 3840   | 15345 7680  | 30705 15360  | 61425 30720   | 122865 61440  |  |
| 9                                                                                     | 17   | 51 34               | 119 68  | 255 136  | 527 272   | 1071 544  | 2159 1088  | 4335 2176   | 8671 4352   | 17345 8704  | 34691 17408  | 69381 34816   | 138761 69632  |  |
| 10                                                                                    | 19   | 57 38               | 133 76  | 285 152  | 589 304   | 1197 608  | 2413 1216  | 4845 2432   | 9691 4864   | 19385 9728  | 38771 19456  | 77541 38912   | 155081 77824  |  |
| 11                                                                                    | 21   | 63 42               | 147 84  | 315 168  | 651 336   | 1323 672  | 2667 1344  | 5355 2688   | 10711 5376  | 21425 10752 | 42851 21504  | 85701 43008   | 171401 86016  |  |
| 12                                                                                    | 23   | 69 46               | 161 92  | 345 184  | 713 368   | 1449 736  | 2921 1472  | 5865 2944   | 11771 5888  | 23545 11776 | 47101 23552  | 94201 47104   | 188401 94208  |  |
| 13                                                                                    | 25   | 75 50               | 175 100 | 375 200  | 775 400   | 1575 800  | 3175 1600  | 6375 3200   | 12751 6400  | 25505 12800 | 51011 25600  | 102021 51200  | 204041 102400 |  |
| 14                                                                                    | 27   | 81 54               | 189 108 | 405 216  | 837 432   | 1701 864  | 3429 1728  | 6885 3456   | 13771 6912  | 27545 13824 | 55091 27648  | 110181 55296  | 220361 110592 |  |
| 15                                                                                    | 29   | 87 58               | 203 116 | 435 232  | 899 464   | 1827 928  | 3683 1856  | 7395 3712   | 14791 7424  | 29585 14848 | 59171 29696  | 118341 59392  | 236681 118784 |  |
| 16                                                                                    | 31   | 93 62               | 217 124 | 465 248  | 961 496   | 1953 992  | 3937 1984  | 7905 3968   | 15841 7936  | 31713 15872 | 63457 31744  | 126945 63488  | 253921 126976 |  |
| 17                                                                                    | 33   | 99 66               | 241 132 | 495 264  | 1023 528  | 2073 1056 | 4191 2112  | 8415 4224   | 16831 8448  | 33665 16896 | 67331 33792  | 134661 67584  | 269321 135168 |  |
| 18                                                                                    | 35   | 105 70              | 255 140 | 525 280  | 1085 560  | 2205 1120 | 4445 2240  | 8925 4480   | 17851 8960  | 35705 17920 | 71411 35840  | 142821 71680  | 285641 143360 |  |
| 19                                                                                    | 37   | 111 74              | 259 148 | 555 296  | 1147 592  | 2331 1184 | 4699 2368  | 9435 4736   | 18871 9472  | 37745 18944 | 75491 37888  | 150981 75776  | 301961 151552 |  |
| 20                                                                                    | 39   | 117 78              | 273 156 | 585 312  | 1209 624  | 2457 1248 | 4953 2496  | 9945 4992   | 19981 9984  | 39965 19968 | 79931 39936  | 159861 79872  | 319781 159744 |  |
| 21                                                                                    | 41   | 123 82              | 287 164 | 615 328  | 1271 656  | 2583 1312 | 5207 2624  | 10455 5248  | 20911 10496 | 41825 20992 | 83651 41984  | 167301 83968  | 334601 167936 |  |
| 22                                                                                    | 43   | 129 86              | 301 172 | 645 344  | 1333 688  | 2709 1376 | 5461 2752  | 10985 5504  | 21971 11008 | 43945 22016 | 87891 44032  | 175781 88064  | 351401 176128 |  |
| 23                                                                                    | 45   | 135 90              | 315 180 | 675 360  | 1395 720  | 2835 1440 | 5715 2880  | 11475 5760  | 22951 11520 | 45905 23040 | 91811 46080  | 183621 92160  | 367241 184320 |  |
| 24                                                                                    | 47   | 141 94              | 329 188 | 705 376  | 1457 752  | 2961 1504 | 5969 3008  | 11985 6016  | 23971 12032 | 47945 24064 | 95891 48128  | 191761 96256  | 383081 192512 |  |
| 25                                                                                    | 49   | 147 98              | 343 196 | 735 392  | 1519 784  | 3087 1568 | 6223 3136  | 12495 6272  | 24991 12544 | 49985 25088 | 99971 50176  | 199941 100352 | 395961 200704 |  |
| 26                                                                                    | 51   | 153 102             | 357 204 | 765 408  | 1581 816  | 3213 1632 | 6477 3264  | 13005 6528  | 25991 13056 | 51985 26112 | 103971 52224 | 207941 104448 | 411921 208896 |  |
| 27                                                                                    | 53   | 159 106             | 371 212 | 795 424  | 1643 848  | 3339 1696 | 6731 3392  | 13515 6784  | 26991 13568 | 53985 27136 | 107971 54272 | 215941 108544 | 427881 217088 |  |
| 28                                                                                    | 55   | 165 110             | 385 220 | 825 440  | 1705 880  | 3465 1760 | 6985 3520  | 14025 7040  | 27991 14080 | 55985 28160 | 111971 56320 | 223921 112640 | 439841 225280 |  |
| 29                                                                                    | 57   | 171 114             | 399 228 | 855 456  | 1767 912  | 3591 1824 | 7239 3648  | 14535 7296  | 28991 14592 | 57985 29184 | 115971 58368 | 231921 116736 | 451801 233472 |  |
| 30                                                                                    | 59   | 177 118             | 413 236 | 885 472  | 1829 944  | 3717 1888 | 7493 3776  | 15045 7552  | 29991 15104 | 59985 30208 | 119971 60416 | 239921 120832 | 463761 241664 |  |
| 31                                                                                    | 61   | 183 122             | 427 244 | 915 488  | 1891 976  | 3843 1952 | 7747 3904  | 15555 7808  | 30991 15616 | 61985 31232 | 123971 62464 | 247921 124928 | 475721 249856 |  |
| 32                                                                                    | 63   | 189 126             | 441 252 | 945 504  | 1953 1008 | 3969 2016 | 8001 4032  | 16065 8064  | 31991 16128 | 63985 32256 | 127971 64512 | 255921 129024 | 487681 258048 |  |
| 33                                                                                    | 65   | 195 130             | 455 260 | 975 520  | 2015 1040 | 4095 2080 | 8255 4160  | 16575 8320  | 32991 16640 | 65985 33280 | 131971 66560 | 263921 133120 | 499641 266240 |  |
| 34                                                                                    | 67   | 201 134             | 469 268 | 1005 536 | 2077 1072 | 4221 2144 | 8509 4288  | 17085 8576  | 33991 17152 | 67985 34304 | 135971 68608 | 271921 137216 | 511601 274432 |  |
| 35                                                                                    | 69   | 207 138             | 483 276 | 1035 552 | 2139 1104 | 4347 2208 | 8763 4416  | 17595 8832  | 34991 17664 | 69985 35328 | 139971 70656 | 279921 141312 | 523561 282624 |  |
| 36                                                                                    | 71   | 213 142             | 497 284 | 1065 568 | 2201 1136 | 4473 2272 | 9017 4544  | 18105 9088  | 35991 18176 | 71985 36352 | 143971 72704 | 287921 145408 | 535521 290816 |  |
| 37                                                                                    | 73   | 219 146             | 511 292 | 1095 584 | 2263 1168 | 4599 2336 | 9271 4672  | 18615 9344  | 36991 18688 | 73985 37376 | 147971 74752 | 295921 149504 | 547481 299008 |  |
| 38                                                                                    | 75   | 225 150             | 525 300 | 1125 600 | 2325 1200 | 4725 2400 | 9525 4800  | 19125 9600  | 37991 19200 | 75985 38400 | 151971 76800 | 303921 153600 | 559441 307200 |  |
| 39                                                                                    | 77   | 231 154             | 539 308 | 1155 616 | 2387 1232 | 4851 2464 | 9779 4928  | 19635 9856  | 38991 19712 | 77985 39424 | 155971 78848 | 311921 157696 | 571401 315392 |  |
| 40                                                                                    | 79   | 237 158             | 553 316 | 1185 632 | 2449 1264 | 4977 2528 | 10033 5056 | 20145 10112 | 39991 20224 | 79985 40448 | 159971 80809 |               |               |  |