

Table167\_ODDs\_EVENS\_EVENSs-NOT\_Matrix++RSHworksheet-3

| Table167: ODDs_EVENSs_EVENSs-NOT Matrix, a.k.a. the DMT: Divisor (Factor) Matrix Table |   |      |                     |                                                |     |     |      |      |      |       |       |       |       |        |       |       |        |        |        |         |         | #3      |         |          |          |          |
|----------------------------------------------------------------------------------------|---|------|---------------------|------------------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|---------|---------|---------|---------|----------|----------|----------|
| #                                                                                      | p | ODDs | EVENS-<br>NOT<br>Δ6 | ALL Running Sums (Σ) across (→) the ODDs Rows. |     |     |      |      |      |       |       |       |       |        |       |       |        |        |        |         |         |         |         |          |          |          |
|                                                                                        |   |      |                     | Δ14                                            | Δ30 | Δ62 | Δ126 | Δ254 | Δ510 | Δ1022 | Δ2046 | Δ4094 | Δ8190 | Δ16382 |       |       |        |        |        |         |         |         |         |          |          |          |
| 1                                                                                      | 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                                                                                      | 2 | 3    | 9                   | 6                                              | 21  | 12  | 45   | 24   | 93   | 48    | 189   | 96    | 381   | 765    | 1533  | 3069  | 614    | 2285   | 4573   | 9145    | 18289   | 36577   | 73153   | 146305   | 292609   | 585217   |
| 3                                                                                      |   | 5    | 15                  | 10                                             | 35  | 20  | 75   | 40   | 155  | 80    | 315   | 160   | 635   | 1275   | 2555  | 5115  | 10235  | 20475  | 40955  | 81915   | 163829  | 327657  | 655313  | 1310625  | 2621249  | 5242495  |
| 4                                                                                      | 3 | 7    | 21                  | 14                                             | 49  | 28  | 105  | 56   | 217  | 112   | 441   | 224   | 889   | 1785   | 3577  | 7161  | 4325   | 28665  | 57337  | 114673  | 229345  | 458689  | 917377  | 1834753  | 3669505  | 7339009  |
| 5                                                                                      |   | 9    | 27                  | 18                                             | 63  | 36  | 135  | 72   | 279  | 144   | 567   | 288   | 1143  | 2295   | 4599  | 9207  | 18423  | 36855  | 73719  | 147437  | 294873  | 589745  | 1179489 | 2358977  | 4717953  | 9435905  |
| 6                                                                                      |   | 11   | 33                  | 22                                             | 77  | 44  | 165  | 88   | 341  | 176   | 693   | 352   | 1397  | 2805   | 5621  | 11253 | 22517  | 45045  | 90101  | 180201  | 360401  | 720801  | 1441601 | 2883201  | 5766401  | 11532801 |
| 7                                                                                      |   | 13   | 39                  | 26                                             | 91  | 52  | 195  | 104  | 403  | 208   | 819   | 416   | 1651  | 3315   | 6643  | 13299 | 26611  | 53235  | 106483 | 212965  | 425929  | 851857  | 1703713 | 3407425  | 6814849  | 13629697 |
| 8                                                                                      | 4 | 15   | 45                  | 30                                             | 105 | 60  | 225  | 120  | 465  | 240   | 945   | 480   | 1905  | 3825   | 7665  | 15345 | 30705  | 61425  | 122865 | 245733  | 491465  | 982929  | 1965857 | 3931713  | 7863425  | 15726849 |
| 9                                                                                      |   | 17   | 51                  | 34                                             | 119 | 68  | 255  | 136  | 527  | 272   | 1071  | 544   | 2159  | 4335   | 8687  | 17391 | 34799  | 69615  | 139247 | 278493  | 556985  | 1113969 | 2227937 | 4455873  | 8911745  | 17823489 |
| 10                                                                                     |   | 19   | 57                  | 38                                             | 133 | 76  | 285  | 152  | 589  | 304   | 1197  | 608   | 2413  | 4845   | 9709  | 19437 | 38893  | 77805  | 155629 | 311257  | 622513  | 1245025 | 2490049 | 4980097  | 9960193  | 19920385 |
| 11                                                                                     |   | 21   | 63                  | 42                                             | 147 | 84  | 315  | 168  | 651  | 336   | 1323  | 672   | 2667  | 5355   | 10731 | 21483 | 42987  | 85995  | 172011 | 344021  | 688041  | 1376081 | 2752161 | 5504321  | 11008641 | 22017281 |
| 12                                                                                     |   | 23   | 69                  | 46                                             | 161 | 92  | 345  | 184  | 713  | 368   | 1449  | 736   | 2921  | 5865   | 11753 | 23529 | 47081  | 94185  | 188393 | 376785  | 753569  | 1507137 | 3014273 | 6028545  | 12057089 | 24114177 |
| 13                                                                                     |   | 25   | 75                  | 50                                             | 175 | 100 | 375  | 200  | 775  | 400   | 1575  | 800   | 3175  | 6375   | 12775 | 25575 | 51175  | 102375 | 204775 | 409555  | 819115  | 1638229 | 3276457 | 6552913  | 13105825 | 26211649 |
| 14                                                                                     |   | 27   | 81                  | 54                                             | 189 | 108 | 405  | 216  | 837  | 432   | 1701  | 864   | 3429  | 6885   | 13797 | 27621 | 55269  | 110565 | 221157 | 442313  | 884625  | 1769249 | 3538497 | 7076993  | 14153985 | 28307969 |
| 15                                                                                     |   | 29   | 87                  | 58                                             | 203 | 116 | 435  | 232  | 899  | 464   | 1827  | 928   | 3683  | 7395   | 14819 | 29667 | 59363  | 118755 | 237539 | 475077  | 950153  | 1900305 | 3800609 | 7601217  | 15202433 | 30404865 |
| 16                                                                                     | 5 | 31   | 93                  | 62                                             | 217 | 124 | 465  | 248  | 961  | 496   | 1953  | 992   | 3937  | 7905   | 15841 | 31713 | 6345   | 126945 | 253891 | 507781  | 1015561 | 2031121 | 4062241 | 8124481  | 16248961 | 32497921 |
| 17                                                                                     |   | 33   | 99                  | 66                                             | 231 | 132 | 495  | 264  | 1023 | 528   | 2073  | 1056  | 4191  | 8415   | 16839 | 33675 | 67359  | 134715 | 269433 | 538865  | 1077729 | 2155457 | 4310913 | 8621825  | 17243649 | 34487297 |
| 18                                                                                     |   | 35   | 105                 | 70                                             | 245 | 140 | 525  | 280  | 1085 | 560   | 2205  | 1120  | 4445  | 8895   | 17795 | 35595 | 71195  | 142395 | 284793 | 569585  | 1139177 | 2278353 | 4556705 | 9113409  | 18226817 | 36453633 |
| 19                                                                                     |   | 37   | 111                 |                                                | 259 |     | 555  |      | 1147 |       | 2331  |       | 4699  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 20                                                                                     |   | 39   | 117                 |                                                | 273 |     | 585  |      | 1209 |       | 2457  |       | 4953  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 21                                                                                     |   | 41   | 123                 |                                                | 287 |     | 615  |      | 1271 |       | 2583  |       | 5207  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 22                                                                                     |   | 43   | 129                 |                                                | 301 |     | 645  |      | 1333 |       | 2709  |       | 5461  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 23                                                                                     |   | 45   | 135                 |                                                | 315 |     | 675  |      | 1395 |       | 2835  |       | 5715  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 24                                                                                     |   | 47   | 141                 |                                                | 329 |     | 705  |      | 1457 |       | 2961  |       | 5969  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 25                                                                                     |   | 49   | 147                 |                                                | 343 |     | 735  |      | 1519 |       | 3087  |       | 6223  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 26                                                                                     |   | 51   | 153                 |                                                | 357 |     | 765  |      | 1581 |       | 3213  |       | 6477  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 27                                                                                     |   | 53   | 159                 |                                                | 371 |     | 795  |      | 1643 |       | 3339  |       | 6731  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 28                                                                                     |   | 55   | 165                 |                                                | 385 |     | 825  |      | 1705 |       | 3465  |       | 6985  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 29                                                                                     |   | 57   | 171                 |                                                | 399 |     | 855  |      | 1767 |       | 3591  |       | 7239  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 30                                                                                     |   | 59   | 177                 |                                                | 413 |     | 885  |      | 1829 |       | 3717  |       | 7493  |        |       |       |        |        |        |         |         |         |         |          |          |          |
| 31                                                                                     |   | 61   | 183                 |                                                | 427 |     | 915  |      | 1891 |       | 3843  |       | 7747  | 15555  | 31171 | 62403 | 124807 | 249755 | 499651 | 999301  | 1998601 | 3997201 | 7994401 | 15988801 | 31977601 | 63955201 |
| 32                                                                                     | 6 | 63   | 189                 |                                                | 441 |     | 945  |      | 1953 |       | 3969  |       | 8001  | 16065  | 32193 | 64449 | 128961 | 257985 | 516033 | 1032065 | 2064129 | 4128257 | 8256513 | 16513025 | 33026049 | 66052097 |
| 33                                                                                     |   | 65   | 195                 |                                                | 455 |     | 975  |      | 2015 |       | 4095  |       | 8255  | 16575  | 33215 | 66495 | 133055 | 266175 | 532415 | 1064835 | 2129669 | 4259337 | 8518673 | 17037345 | 34074689 | 68149377 |
| 34                                                                                     |   | 67   | 201                 |                                                | 469 |     | 1005 |      | 2077 |       | 4221  |       | 8509  | 17085  | 34237 | 68541 | 137149 | 274365 | 548797 | 1097593 | 2195185 | 4390369 | 8780737 | 17561473 | 35122945 | 70245889 |
| 35                                                                                     |   | 69   | 207                 |                                                | 483 |     | 1035 |      | 2139 |       | 4347  |       | 8763  | 17595  | 35259 | 70587 | 141243 | 282555 | 565179 | 1130357 | 2260713 | 4521425 | 9042849 | 18085697 | 36171393 | 72342785 |
| 36                                                                                     |   | 71   | 213                 |                                                | 497 |     | 1065 |      | 2201 |       | 4473  |       | 9017  | 18105  | 36281 | 72633 | 145337 | 290745 | 581561 | 1163121 | 2326241 | 4652481 |         |          |          |          |