```
Projective plane (order n)                                          Affine plane (order n)
  n    v    b    r   k   l                                            n    v    b    r  kl
------------------------                                            ------------------------
  2:   7    7    3   3   1                                            2:   4    6    3  21
  3:  13   13    4   4   1                                            3:   9   12    4  31
  4:  21   21    5   5   1                                            4:  16   20    5  41
  5:  31   31    6   6   1                                            5:  25   30    6  51
  7:  57   57    8   8   1                                            7:  49   56    8  71
  8:  73   73    9   9   1                                            8:  64   72    9  81
  9:  91   91   10  10   1                                            9:  81   90   10  91
 11: 133  133   12  12   1                                           11: 121  132   12 111
 13: 183  183   14  14   1                                           13: 169  182   14 131


--------------------        --------------------        --------------------        --------------------
       2-subsets                   8-subsets                  21-subsets                  35-subsets
  v    b    r   k   l          v    b    r   k   l          v    b    r   k   l          v    b    r   k   l
--------------------        --------------------        --------------------        --------------------
  2    1    1   2   1          8    1    1   8   1         21    1    1  21   1         35    1    1  35   1
  3    3    2   2   1          9    9    8   8   7         22   22   21  21  20         36   36   35  35  34
  4    6    3   2   1         10   45   36   8  28         23  253  231  21 210         37  666  630  35 595
  5   10    4   2   1         11  165  120   8  84        --------------------        --------------------
  6   15    5   2   1         12  495  330   8 210
  7   21    6   2   1        --------------------        --------------------        --------------------
  8   28    7   2   1                                           22-subsets                  36-subsets
  9   36    8   2   1        --------------------          v    b    r   k   l          v    b    r   k   l
 10   45    9   2   1               9-subsets            --------------------        --------------------
 11   55   10   2   1          v    b    r   k   l         22    1    1  22   1         36    1    1  36   1
 12   66   11   2   1        --------------------         23   23   22  22  21         37   37   36  36  35
 13   78   12   2   1          9    1    1   9   1         24  276  253  22 231         38  703  666  36 630
 14   91   13   2   1         10   10    9   9   8        --------------------        --------------------
 15  105   14   2   1         11   55   45   9  36
 16  120   15   2   1         12  220  165   9 120        --------------------        --------------------
 17  136   16   2   1         13  715  495   9 330               23-subsets                  37-subsets
 18  153   17   2   1        --------------------          v    b    r   k   l          v    b    r   k   l
 19  171   18   2   1                                     --------------------        --------------------
 20  190   19   2   1        --------------------         23    1    1  23   1         37    1    1  37   1
 21  210   20   2   1              10-subsets             24   24   23  23  22         38   38   37  37  36
 22  231   21   2   1          v    b    r   k   l         25  300  276  23 253         39  741  703  37 666
 23  253   22   2   1        --------------------        --------------------        --------------------
 24  276   23   2   1         10    1    1  10   1
 25  300   24   2   1         11   11   10  10   9        --------------------        --------------------
 26  325   25   2   1         12   66   55  10  45               24-subsets                  38-subsets
 27  351   26   2   1         13  286  220  10 165          v    b    r   k   l          v    b    r   k   l
 28  378   27   2   1        --------------------        --------------------        --------------------
 29  406   28   2   1                                     24    1    1  24   1         38    1    1  38   1
 30  435   29   2   1        --------------------         25   25   24  24  23         39   39   38  38  37
 31  465   30   2   1              11-subsets             26  325  300  24 276         40  780  741  38 703
 32  496   31   2   1          v    b    r   k   l        --------------------        --------------------
 33  528   32   2   1        --------------------
 34  561   33   2   1         11    1    1  11   1        --------------------        --------------------
 35  595   34   2   1         12   12   11  11  10               25-subsets                  39-subsets
 36  630   35   2   1         13   78   66  11  55          v    b    r   k   l          v    b    r   k   l
 37  666   36   2   1         14  364  286  11 220        --------------------        --------------------
 38  703   37   2   1        --------------------         25    1    1  25   1         39    1    1  39   1
 39  741   38   2   1                                     26   26   25  25  24         40   40   39  39  38
 40  780   39   2   1        --------------------         27  351  325  25 300         41  820  780  39 741
 41  820   40   2   1              12-subsets             --------------------        --------------------
 42  861   41   2   1          v    b    r   k   l
 43  903   42   2   1        --------------------        --------------------        --------------------
 44  946   43   2   1         12    1    1  12   1               26-subsets                  40-subsets
 45  990   44   2   1         13   13   12  12  11          v    b    r   k   l          v    b    r   k   l
--------------------         14   91   78  12  66        --------------------        --------------------
                             15  455  364  12 286         26    1    1  26   1         40    1    1  40   1
--------------------        --------------------         27   27   26  26  25         41   41   40  40  39
       3-subsets                                          28  378  351  26 325         42  861  820  40 780
  v    b    r   k   l        --------------------        --------------------        --------------------
--------------------              13-subsets
  3    1    1   3   1          v    b    r   k   l        --------------------        --------------------
  4    4    3   3   2        --------------------               27-subsets                  41-subsets
  5   10    6   3   3         13    1    1  13   1          v    b    r   k   l          v    b    r   k   l
  6   20   10   3   4         14   14   13  13  12        --------------------        --------------------
  7   35   15   3   5         15  105   91  13  78         27    1    1  27   1         41    1    1  41   1
  8   56   21   3   6         16  560  455  13 364         28   28   27  27  26         42   42   41  41  40
  9   84   28   3   7        --------------------         29  406  378  27 351         43  903  861  41 820
 10  120   36   3   8                                    --------------------        --------------------
 11  165   45   3   9        --------------------
 12  220   55   3  10              14-subsets            --------------------        --------------------
 13  286   66   3  11          v    b    r   k   l               28-subsets                  42-subsets
 14  364   78   3  12        --------------------          v    b    r   k   l          v    b    r   k   l
 15  455   91   3  13         14    1    1  14   1        --------------------        --------------------
 16  560  105   3  14         15   15   14  14  13         28    1    1  28   1         42    1    1  42   1
 17  680  120   3  15         16  120  105  14  91         29   29   28  28  27         43   43   42  42  41
 18  816  136   3  16         17  680  560  14 455         30  435  406  28 378         44  946  903  42 861
 19  969  153   3  17        --------------------        --------------------        --------------------
--------------------
                            --------------------        --------------------        --------------------
--------------------              15-subsets                  29-subsets                  43-subsets
       4-subsets               v    b    r   k   l          v    b    r   k   l          v    b    r   k   l
  v    b    r   k   l        --------------------        --------------------        --------------------
--------------------         15    1    1  15   1         29    1    1  29   1         43    1    1  43   1
  4    1    1   4   1         16   16   15  15  14         30   30   29  29  28         44   44   43  43  42
  5    5    4   4   3         17  136  120  15 105         31  465  435  29 406         45  990  946  43 903
  6   15   10   4   6         18  816  680  15 560        --------------------        --------------------
  7   35   20   4  10        --------------------
  8   70   35   4  15                                    --------------------        --------------------
  9  126   56   4  21        --------------------               30-subsets                  44-subsets
 10  210   84   4  28              16-subsets               v    b    r   k   l          v    b    r   k   l
 11  330  120   4  36          v    b    r   k   l        --------------------        --------------------
 12  495  165   4  45        --------------------         30    1    1  30   1         44    1    1  44   1
 13  715  220   4  55         16    1    1  16   1         31   31   30  30  29         45   45   44  44  43
--------------------         17   17   16  16  15         32  496  465  30 435        --------------------
                             18  153  136  16 120        --------------------
                             19  969  816  16 680
                            --------------------
```

```
--------------------
      5-subsets
   v   b   r   k   l
--------------------
   5   1   1   5   1
   6   6   5   5   4
   7  21  15   5  10
   8  56  35   5  20
   9 126  70   5  35
  10 252 126   5  56
  11 462 210   5  84
  12 792 330   5 120
--------------------


--------------------
      6-subsets
   v   b   r   k   l
--------------------
   6   1   1   6   1
   7   7   6   6   5
   8  28  21   6  15
   9  84  56   6  35
  10 210 126   6  70
  11 462 252   6 126
  12 924 462   6 210
--------------------
```

```
--------------------
     17-subsets
   v   b   r   k   l
--------------------
  17   1   1  17   1
  18  18  17  17  16
  19 171 153  17 136
--------------------


--------------------
     18-subsets
   v   b   r   k   l
--------------------
  18   1   1  18   1
  19  19  18  18  17
  20 190 171  18 153
--------------------


--------------------
     19-subsets
   v   b   r   k   l
--------------------
  19   1   1  19   1
  20  20  19  19  18
  21 210 190  19 171
--------------------
```

```
--------------------
     31-subsets
   v   b   r   k   l
--------------------
  31   1   1  31   1
  32  32  31  31  30
  33 528 496  31 465
--------------------


--------------------
     32-subsets
   v   b   r   k   l
--------------------
  32   1   1  32   1
  33  33  32  32  31
  34 561 528  32 496
--------------------


--------------------
     33-subsets
   v   b   r   k   l
--------------------
  33   1   1  33   1
  34  34  33  33  32
  35 595 561  33 528
--------------------
```

```
--------------------
     45-subsets
   v   b   r   k   l
--------------------
  45   1   1  45   1
  46  46  45  45  44
--------------------


--------------------
     46-subsets
   v   b   r   k   l
--------------------
  46   1   1  46   1
  47  47  46  46  45
--------------------


--------------------
     47-subsets
   v   b   r   k   l
--------------------
  47   1   1  47   1
  48  48  47  47  46
--------------------


--------------------
     48-subsets
   v   b   r   k   l
--------------------
  48   1   1  48   1
  49  49  48  48  47
--------------------
```