

1d8 (flat line):

1x1 1x2 1x3 1x4 1x5 1x6 1x7 1x8

2d8 (the tent):

1x2 2x3 3x4 4x5 5x6 6x7 7x8 8x9
7x10 6x11 5x12 4x13 3x14 2x15 1x16

3d8: (a curve):

3: 1 =1
4: 1+2 =3
5: 1+2+3 =6
6: 1+2+3+4 =10
7: 1+2+3+4+5 =15
8: 1+2+3+4+5+6 =21
9: 1+2+3+4+5+6+7 =28
10: 1+2+3+4+5+6+7+8 =36
11: 2+3+4+5+6+7+8+7 =42
12: 3+4+5+6+7+8+7+6 =46
13: 4+5+6+7+8+7+6+5 =48
14: 5+6+7+8+7+6+5+4 =48
15: 6+7+8+7+6+5+4+3 =46
16: 7+8+7+6+5+4+3+2 =42
17: 8+7+6+5+4+3+2+1 =36
18: 7+6+5+4+3+2+1 =28
19: 6+5+4+3+2+1 =21
20: 5+4+3+2+1 =15
21: 4+3+2+1 =10
22: 3+2+1 =6
23: 2+1 =3
24: 1 =1

4d8 (a sharper curve):

4: 1 =1
5: 2+2 =4
6: 3+4+3 =10
7: 4+6+6+4 =20
8: 5+8+9+8+5 =35
9: 6+10+12+12+10+6 =56
10: 7+12+15+16+15+12+7 =84
11: 8+14+18+20+20+18+14+8 =120
12: 7+16+21+24+25+24+21+16+7 =161
13: 6+14+24+28+30+30+28+24+14+6 =204
14: 5+12+21+32+35+36+35+32+21+12+5 =246
15: 4+10+18+28+40+42+42+40+28+18+10+4 =264
16: 3+8+15+24+35+48+49+48+35+24+15+8+3 =295
17: 2+6+12+20+30+42+56+56+42+30+20+12+6+2 =336
18: 1+4+9+16+25+36+49+64+49+36+25+16+9+4+1 =344
19: 2+6+12+20+30+42+56+56+42+30+20+12+6+2 =336
20: 3+8+15+24+35+48+49+48+35+24+15+8+3 =295
21: 4+10+18+28+40+42+42+40+28+18+10+4 =264
22: 5+12+21+32+35+36+35+32+21+12+5 =246
23: 6+14+24+28+30+30+28+24+14+6 =204
24: 7+16+21+24+25+24+21+16+7 =161
25: 8+14+18+20+20+18+14+8 =120
26: 7+12+15+16+15+12+7 =84
27: 6+10+12+12+10+6 =56
28: 5+8+9+8+5 =35

29: 4+6+6+4 =20
 30: 3+4+3 =6
 31: 2+2 =4
 32: 1 =1

| | | | | | |
|----|-------------|----|-----------|-----------|----|
| d8 | 2d8< | | | 2d8= | |
| 1 | 0 | . | | 0 | |
| 2 | 0 | . | | 1 | |
| 3 | 1 | 1 | 1 | 3 | |
| 4 | 2+1 | 3 | 4 | 6 | |
| 5 | 3+2+1 | 6 | 10 | 10 | |
| 6 | 4+3+2+1 | 10 | 20 | 15 | |
| 7 | 5+4+3+2+1 | 15 | 35 | 21 | 56 |
| 8 | 6+5+4+3+2+1 | 21 | 56 | 28 | 84 |
| | | | 56 in 512 | 84 in 512 | |

| | | | | | |
|----|----------------|---|-------------|-------------|-----|
| d8 | 3d8< | | | 3d8= | |
| 1 | 0 | . | | 0 | |
| 2 | 0 | . | | 1 | |
| 3 | 1 | | 1 1 | 4 | |
| 4 | 1+3 | | 4 5 | 10 | |
| 5 | 1+3+6 | | 10 15 | 20 | |
| 6 | 1+2+6+10 | | 20 35 | 35 | |
| 7 | 1+3+6+10+15 | | 35 70 | 56 | 126 |
| 8 | 1+3+6+10+15+21 | | 56 126 | 84 | 210 |
| | | | 126 in 4096 | 210 in 4096 | |

| | | | | | |
|----|-----------------|---|--------------|--------------|-----|
| d8 | 4d8< | | | 4d8= | |
| 1 | 0 | . | | 0 | |
| 2 | 0 | . | | 1 | |
| 3 | 1 | | 1 1 | 5 | |
| 4 | 1+4 | | 5 6 | 15 | |
| 5 | 1+4+10 | | 15 21 | 35 | |
| 6 | 1+4+10+20 | | 35 56 | 70 | |
| 7 | 1+4+10+20+35 | | 70 126 | 126 | 512 |
| 8 | 1+4+10+20+35+56 | | 126 512 | 210 | 722 |
| | | | 512 in 32768 | 722 in 32768 | |

| | | | | | |
|-----|-------------------------------------|---|----|---------------|------|
| 2d8 | 3d8< | | | | |
| 2 | 0 | . | x1 | 0 | . |
| 3 | 0 | . | x2 | 0 | . |
| 4 | 1 | | x3 | 3 | 3 |
| 5 | 1+3 | | x4 | 16 | 19 |
| 6 | 1+3+6 | | x5 | 50 | 69 |
| 7 | 1+3+6+10 | | x6 | 120 | 189 |
| 8 | 1+3+6+10+15 | | x7 | 245 | 434 |
| 9 | 1+3+6+10+15+21 | | x8 | 448 | 882 |
| 10 | 1+3+6+10+15+21+28 | | x7 | 588 | 1470 |
| 11 | 1+3+6+10+15+21+28+36 | | x6 | 720 | 2190 |
| 12 | 1+3+6+10+15+21+28+36+42 | | x5 | 810 | 3000 |
| 13 | 1+3+6+10+15+21+28+36+42+46 | | x4 | 832 | 3832 |
| 14 | 1+3+6+10+15+21+28+36+42+46+48 | | x3 | 768 | 4600 |
| 15 | 1+3+6+10+15+21+28+36+42+46+48+48 | | x2 | 608 | 5208 |
| 16 | 1+3+6+10+15+21+28+36+42+46+48+48+46 | | x1 | 350 | 5558 |
| | | | | 5558 in 32768 | |

| | | | | | |
|-----|--|-----|----|------|------|
| 2d8 | 3d8= | | | | |
| 2 | 0 | . | x1 | 0 | . |
| 3 | 1 | 1 | x2 | 2 | 2 |
| 4 | 1+3 | 4 | x3 | 12 | 14 |
| 5 | 1+3+6 | 10 | x4 | 40 | 54 |
| 6 | 1+3+6+10 | 20 | x5 | 100 | 154 |
| 7 | 1+3+6+10+15 | 35 | x6 | 210 | 364 |
| 8 | 1+3+6+10+15+21 | 56 | x7 | 392 | 756 |
| 9 | 1+3+6+10+15+21+28 | 84 | x8 | 672 | 1428 |
| 10 | 1+3+6+10+15+21+28+36 | 120 | x7 | 840 | 2268 |
| 11 | 1+3+6+10+15+21+28+36+42 | 162 | x6 | 972 | 3240 |
| 12 | 1+3+6+10+15+21+28+36+42+46 | 208 | x5 | 1040 | 4280 |
| 13 | 1+3+6+10+15+21+28+36+42+46+48 | 256 | x4 | 1024 | 5304 |
| 14 | 1+3+6+10+15+21+28+36+42+46+48+48 | 304 | x3 | 912 | 6216 |
| 15 | 1+3+6+10+15+21+28+36+42+46+48+48+46 | 350 | x2 | 700 | 6916 |
| 16 | 1+3+6+10+15+21+28+36+42+46+48+48+46+42 | 392 | x1 | 392 | 7308 |

7308 in 32768

| | | | | | |
|-----|------|------|----|------|-------|
| 2d8 | 4d8< | | | | |
| 2 | 0 | . | x1 | 0 | . |
| 3 | 0 | . | x2 | 0 | . |
| 4 | 0 | 0 | x3 | 0 | . |
| 5 | 1 | 1 | x4 | 4 | 4 |
| 6 | +4 | 5 | x5 | 25 | 29 |
| 7 | +10 | 15 | x6 | 90 | 119 |
| 8 | +20 | 35 | x7 | 245 | 364 |
| 9 | +35 | 70 | x8 | 560 | 924 |
| 10 | +56 | 126 | x7 | 882 | 1806 |
| 11 | +84 | 210 | x6 | 1260 | 3066 |
| 12 | +120 | 330 | x5 | 1650 | 4716 |
| 13 | +161 | 491 | x4 | 1964 | 6680 |
| 14 | +204 | 695 | x3 | 2085 | 8765 |
| 15 | +246 | 941 | x2 | 1882 | 10647 |
| 16 | +264 | 1205 | x1 | 1205 | 11852 |

11852 in 262144

| | | | | | |
|-----|------|------|----|------|-------|
| 2d8 | 4d8= | | | | |
| 2 | 0 | . | x1 | 0 | . |
| 3 | 0 | . | x2 | 0 | . |
| 4 | 1 | 1 | x3 | 3 | 3 |
| 5 | +4 | 5 | x4 | 20 | 23 |
| 6 | +10 | 15 | x5 | 75 | 98 |
| 7 | +20 | 35 | x6 | 210 | 308 |
| 8 | +35 | 70 | x7 | 490 | 798 |
| 9 | +56 | 126 | x8 | 1008 | 1806 |
| 10 | +84 | 210 | x7 | 1470 | 3276 |
| 11 | +120 | 330 | x6 | 1980 | 5256 |
| 12 | +161 | 491 | x5 | 2455 | 7711 |
| 13 | +204 | 695 | x4 | 2780 | 10491 |
| 14 | +246 | 941 | x3 | 2823 | 13314 |
| 15 | +264 | 1205 | x2 | 2410 | 15724 |
| 16 | +295 | 1500 | x1 | 1500 | 17224 |

17224 in 262144

| 3d8 | 4d8< | | | | |
|-----|------|------|-----|-------|--------|
| 3 | 0 | . | x1 | 0 | . |
| 4 | 0 | . | x3 | 0 | . |
| 5 | 1 | 1 | x6 | 6 | 6 |
| 6 | +4 | 5 | x10 | 50 | 56 |
| 7 | +10 | 15 | x15 | 75 | 131 |
| 8 | +20 | 35 | x21 | 105 | 236 |
| 9 | +35 | 70 | x28 | 1960 | 2196 |
| 10 | 56 | 126 | x36 | 4536 | 6732 |
| 11 | +84 | 210 | x42 | 8820 | 22284 |
| 12 | +120 | 330 | x46 | 15180 | 37464 |
| 13 | +161 | 491 | x48 | 23568 | 61032 |
| 14 | +204 | 695 | x48 | 33360 | 94392 |
| 15 | +246 | 941 | x46 | 43286 | 137678 |
| 16 | +264 | 1205 | x42 | 50610 | 188288 |
| 17 | +295 | 1500 | x36 | 54000 | 242288 |
| 18 | +336 | 1836 | x28 | 51408 | 293696 |
| 19 | +344 | 2180 | x21 | 45780 | 339476 |
| 20 | +336 | 2516 | x15 | 37740 | 377216 |
| 21 | +295 | 2811 | x10 | 28110 | 405326 |
| 22 | +264 | 3075 | x6 | 18450 | 423776 |
| 23 | +246 | 3321 | x3 | 9963 | 433739 |
| 24 | +204 | 3525 | x1 | 3525 | 437264 |

437264 in 2097152

| 3d8 | 4d8< | | | | |
|-----|------|------|-----|-------|--------|
| 3 | 0 | . | x1 | . | . |
| 4 | 1 | 1 | x3 | 3 | 3 |
| 5 | +4 | 5 | x6 | 30 | 33 |
| 6 | +10 | 15 | x10 | 150 | 183 |
| 7 | +20 | 35 | x15 | 525 | 708 |
| 8 | +35 | 70 | x21 | 1470 | 2178 |
| 9 | 56 | 126 | x28 | 3528 | 5706 |
| 10 | +84 | 210 | x36 | 7560 | 13266 |
| 11 | +120 | 330 | x42 | 13860 | 27126 |
| 12 | +161 | 491 | x46 | 22586 | 49712 |
| 13 | +204 | 695 | x48 | 33360 | 83072 |
| 14 | +246 | 941 | x48 | 45168 | 128240 |
| 15 | +264 | 1205 | x46 | 55430 | 183670 |
| 16 | +295 | 1500 | x42 | 63000 | 246670 |
| 17 | +336 | 1836 | x36 | 66096 | 312766 |
| 18 | +344 | 2180 | x28 | 61040 | 373806 |
| 19 | +336 | 2516 | x21 | 52836 | 426642 |
| 20 | +295 | 2811 | x15 | 42165 | 468807 |
| 21 | +264 | 3075 | x10 | 30750 | 499557 |
| 22 | +246 | 3321 | x6 | 19926 | 519483 |
| 23 | +204 | 3525 | x3 | 10575 | 530058 |
| 24 | +161 | 3686 | x1 | 3686 | 533744 |

533744 in 2097152