

ABOUT THE CHART:

Print this in Landscape orientation for best results.

This is Pascal's Triangle in mod 7. Each entry in the chart is the sum of the two entries underneath it, but every entry is converted to modulo 7.

To convert a number to mod 7, simply find the remainder when dividing by 7. You can think of it as clock arithmetic on a clock that only has the numbers 0, 1, 2, 3, 4, 5, and 6.

When you add two numbers in mod 7, if the sum is 7 or more, subtract 7. You can see that Pascal's Triangle makes interesting patterns.

The easiest way to color this chart is to use seven colors and treat it as a color-by-number.

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