

1	15	105	455	1365	3003	5005	6435	6435	5005	3003	1365	455	105	15	1
1	14	91	364	1001	2002	3003	3432	3003	2002	1001	364	91	14	1	
1	13	78	286	715	1287	1716	1716	1287	715	286	78	13	1		
1	12	66	220	495	792	924	792	495	220	66	12	1			
1	11	55	165	330	462	462	330	165	55	11	1				
1	10	45	120	210	252	210	120	45	10	1					
1	9	36	84	126	126	84	36	9	1						
1	8	28	56	70	56	28	8	1							
1	7	21	35	35	21	7	1								
1	6	15	20	15	6	1									
1	5	10	10	5	1										
1	4	6	4	1											
1	3	3	1												
1	2	1													
1	1														
1															

PASCAL'S TRIANGLE COLORING CHART, created by Sondra Eklund, Sonderbooks.com

ABOUT THE CHART:

Print this in Landscape orientation for best results.

This is Pascal's Triangle. Each entry in the chart is the sum of the two entries underneath it.

This is also a chart of the binomial coefficients, and the number of combinations of n things (n th row) taken k at a time (k th entry).

There are lots of interesting ways to color Pascal's Triangle. I'll have coloring sheets showing the different ways, but you can use this chart to decide ways for yourself.

One way is to factor each number and use a color for each prime factor.

Another way is to use 10 different colors and color each cell according to the last digit of the number. (This will be mod 10.)

Another way is to use two colors and color odd and even numbers. (This will be mod 2.)

Look for more charts at www.sonderbooks.com/sonderknitting/