Pascal's Triangle

$$
\begin{array}{ll}
n=0 & \binom{0}{0} \\
n=1 & \binom{1}{0} \quad \binom{1}{1} \\
n=2 & \binom{2}{0} \quad \binom{2}{1} \quad \binom{2}{2} \\
n=3 & \binom{3}{0} \quad \binom{3}{1} \quad \binom{3}{2} \quad \binom{3}{3} \\
n=4 & \binom{4}{0} \quad \binom{4}{1} \quad \binom{4}{2} \quad \binom{4}{3} \quad \binom{4}{4} \\
n=5 & \binom{5}{0} \quad \binom{5}{1} \quad \binom{5}{2} \quad \binom{5}{3} \quad \binom{5}{4} \quad \binom{5}{5} \\
n=6 & \binom{6}{0} \quad \binom{6}{1} \quad \binom{6}{2} \quad \binom{6}{3} \quad \binom{6}{4} \quad \binom{6}{5} \quad \binom{6}{6} \\
n=7 & \binom{7}{0} \quad \binom{7}{1} \quad \binom{7}{2} \quad \binom{7}{3} \quad \binom{7}{4} \quad \binom{7}{5} \quad \binom{7}{6} \quad \binom{7}{7} \\
n=8 & \binom{8}{0} \quad \binom{8}{1} \quad \binom{8}{2} \quad \binom{8}{3} \quad \binom{8}{4} \quad \binom{8}{5} \quad \binom{8}{6} \quad \binom{8}{7} \quad \binom{8}{8}
\end{array}
$$

$$
\begin{array}{ll}
n=0 & 1 \\
n=1 & 1 \quad 1 \\
n=2 & 1 \quad 2 \quad 1 \\
n=3 & 1 \quad 3 \quad 3 \quad 1 \\
n=4 & 1 \quad 4 \quad 6 \quad 4 \quad 1 \\
n=5 & 1 \quad 5 \quad 10 \quad 10 \quad 5 \quad 1 \\
n=6 & 1 \quad 6 \quad 15 \quad 20 \quad 15 \quad 6 \quad 1 \\
n=7 & 1 \quad 7 \quad 21 \quad 35 \quad 35 \quad 21 \quad 7 \quad 1 \\
n=8 & 1 \quad 8 \quad 28 \quad 56 \quad 70 \quad 56 \quad 28 \quad 8 \quad 1
\end{array}
$$