

$$\begin{array}{l}
0. \qquad \qquad \qquad \binom{0}{0} = 1 \\
1. \qquad \qquad \qquad \binom{1}{0} = 1 \qquad \binom{1}{1} = 1 \\
2. \qquad \qquad \qquad \binom{2}{0} = 1 \qquad \binom{2}{1} = 2 \qquad \binom{2}{2} = 1 \\
3. \qquad \qquad \qquad \binom{3}{0} = 1 \qquad \binom{3}{1} = 3 \qquad \binom{3}{2} = 3 \qquad \binom{3}{3} = 1 \\
4. \qquad \qquad \qquad \binom{4}{0} = 1 \qquad \binom{4}{1} = 4 \qquad \binom{4}{2} = 6 \qquad \binom{4}{3} = 4 \qquad \binom{4}{4} = 1 \\
5. \qquad \qquad \qquad \binom{5}{0} = 1 \qquad \binom{5}{1} = 5 \qquad \binom{5}{2} = 10 \qquad \binom{5}{3} = 10 \qquad \binom{5}{4} = 5 \qquad \binom{5}{5} = 1 \\
6. \qquad \qquad \qquad \binom{6}{0} = 1 \qquad \binom{6}{1} = 6 \qquad \binom{6}{2} = 15 \qquad \binom{6}{3} = 20 \qquad \binom{6}{4} = 15 \qquad \binom{6}{5} = 6 \qquad \binom{6}{6} = 1
\end{array}$$