$$\binom{1}{0} = 1 \qquad \square$$

$$\binom{1}{1} = 1 \qquad \blacksquare$$

$$\binom{2}{0} = 1 \qquad \square\square$$

$$\binom{2}{1} = 2 \qquad \begin{matrix} \blacksquare & \square \\ \square & \blacksquare \end{matrix}$$

$$\binom{2}{2} = 1 \qquad \blacksquare\blacksquare$$

$$\binom{3}{0} = 1 \qquad \square\square\square$$

$$\binom{3}{1} = 3 \qquad \begin{matrix} \blacksquare & \square & \square \\ \square & \blacksquare & \square \\ \square & \square & \blacksquare \end{matrix}$$

$$\binom{3}{2} = 3 \qquad \begin{matrix} \blacksquare & \blacksquare & \square \\ \blacksquare & \square & \blacksquare \\ \square & \blacksquare & \blacksquare \end{matrix}$$

$$\binom{3}{3} = 1 \qquad \blacksquare\blacksquare\blacksquare$$