

$$\begin{array}{r} \text{and} \quad \begin{array}{cccccc} 1 & 0 & 1 & 0 & 1 & 1 \\ 0 & 1 & 0 & 1 & 0 & 0 \end{array} \\ \hline \end{array} = 0$$

$$\begin{array}{r} \text{and} \quad \begin{array}{cccccc} 1 & 0 & 1 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 0 & 1 \end{array} \\ \hline \end{array} = 1$$