

$$2^4 = 16 \leftarrow 8 \times 2 = 16$$

$$2^3 = 8 \quad \begin{array}{c} \xrightarrow{\quad} \\ \xleftarrow{\quad} \end{array} \quad \begin{array}{c} \uparrow \\ 4 \times 2 = 8 \end{array}$$

$$2^2 = 4 \quad \begin{array}{c} \xrightarrow{\quad} \uparrow \\ \xleftarrow{\quad} \end{array} \quad \begin{array}{c} \\ 2 \times 2 = 4 \end{array}$$

$$2^1 = 2 \quad \text{---} \nearrow$$