

**TALLER 4 RAÍCES CUADRADAS Y CÚBICAS MEDIANTE FACTORES PRIMOS**

ANALIZA los procesos para obtener la raíz cuadrada y cúbica por descomposición factorial

$$\sqrt{324}$$

$$\begin{array}{r} 324 \\ \hline \end{array}$$

$$\sqrt{324} = \sqrt{\quad}^2 \times \sqrt{\quad}^4$$

$$\sqrt{324} = \sqrt{\quad}^2 \times \sqrt{\quad}^2 \times \sqrt{\quad}^2$$

$$\sqrt{324} = \quad \times \quad \times \quad =$$

$$\sqrt{225}$$

$$\begin{array}{r} 225 \\ \hline \end{array}$$

$$\sqrt{225} = \sqrt{\quad}^2 \times \sqrt{\quad}^2$$

$$\sqrt{225} = \sqrt{\quad}^2 \times \sqrt{\quad}^2$$

$$\sqrt{225} = \quad \times \quad =$$

$$\sqrt[3]{5832} =$$

$$\begin{array}{r} 5832 \\ \hline \end{array}$$

$$\sqrt[3]{5832} =$$

$$\sqrt[3]{5832} = \sqrt[3]{\quad} \times \sqrt[3]{\quad}$$

$$\sqrt[3]{5832} =$$

$$\sqrt[3]{5832} = \sqrt[3]{\quad} \times \sqrt[3]{\quad} \times \sqrt[3]{\quad}$$

$$\sqrt[3]{5832} =$$

$$\sqrt[3]{5832} = \quad \times \quad \times \quad =$$

$$\sqrt[3]{8\,000} =$$

$$\begin{array}{r|l} 8\,000 & \end{array}$$

$$\sqrt[3]{8\,000} =$$

$$\sqrt[3]{} \times \sqrt[3]{}$$

$$\sqrt[3]{8\,000} =$$

$$\sqrt[3]{} \times \sqrt[3]{} \times \sqrt[3]{}$$

$$\sqrt[3]{8\,000} =$$

$$\times \times =$$

$$\sqrt{600}$$

$$\begin{array}{r|l} 600 & \end{array}$$

$$\sqrt{600} = \sqrt{} \times \sqrt{} \times \sqrt{}$$

$$\sqrt{600} = \sqrt{} \times \times \sqrt{}$$

$$\sqrt{600} = \times =$$

$$\sqrt[3]{3\,375} =$$

$$\begin{array}{r|l} 3\,375 & \end{array}$$

$$\sqrt[3]{3\,375} =$$

$$\sqrt[3]{} \times \sqrt[3]{}$$

$$\sqrt[3]{3\,375} =$$

$$\sqrt[3]{} \times \sqrt[3]{}$$

$$\sqrt[3]{3\,375} =$$

$$\times =$$