

OR  $\sqrt[3]{\frac{2}{9}}$

$$\frac{\sqrt[3]{2}}{\sqrt[3]{9}} \cdot \frac{\sqrt[3]{9}}{\sqrt[3]{9}} \cdot \frac{\sqrt[3]{9}}{\sqrt[3]{9}} = \frac{\sqrt[3]{162}}{9}$$

$$\begin{array}{l} 162 \\ \wedge \\ 2 \cdot 81 \\ \wedge \\ 3 \cdot 27 \\ \wedge \\ 3 \cdot 9 \\ \wedge \\ 3 \cdot 3 \end{array} \qquad \sqrt[3]{162} = 3 \sqrt[3]{2 \cdot \cancel{3} \cdot \cancel{3} \cdot 3}$$
$$= 3 \sqrt[3]{6}$$

$$\frac{\cancel{3} \sqrt[3]{6}}{9} = \frac{\sqrt[3]{6}}{3}$$