

Simplify:

$$100^{-\frac{1}{2}}$$

Simplify the ratio:  $\sqrt{27} : \sqrt{75}$ 

Complete the sum:

$$4\frac{2}{5} - 2\frac{4}{7}$$

Prove that  $0.\dot{1}8 \div 0.\dot{4} = \frac{9}{22}$ 

Find the value of

$$\sqrt[3]{4 \times 2 \times 10^6}$$

Rationalise the denominator:

$$\frac{6}{7 + \sqrt{3}}$$

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