

2 A cylinder of aluminium has a weight of 35.0 N and a volume of $1.32 \times 10^{-3} \text{ m}^3$.

Which of the following calculations gives the density of aluminium in kg m^{-3} ?

☐ A $\frac{9.81 \times 1.32 \times 10^{-3}}{35.0}$

☐ B $\frac{1.32 \times 10^{-3}}{35.0 \times 9.81}$

☐ C $\frac{35.0}{9.81 \times 1.32 \times 10^{-3}}$

☐ D $\frac{35.0 \times 9.81}{1.32 \times 10^{-3}}$

(Total for Question 2 = 1 mark)