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

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

☒ **A** $\dfrac{9.81 \times 1.32 \times 10^{-3}}{35.0}$

☒ **B** $\dfrac{1.32 \times 10^{-3}}{35.0 \times 9.81}$

☒ **C** $\dfrac{35.0}{9.81 \times 1.32 \times 10^{-3}}$

☒ **D** $\dfrac{35.0 \times 9.81}{1.32 \times 10^{-3}}$

(Total for Question 2 = 1 mark)