

- 16** A technical article about diesel engines expresses the energy available from diesel fuel both as  $41.8 \text{ MJ kg}^{-1}$  and as  $34.9 \text{ GJ m}^{-3}$ .

What is the density of diesel fuel?

- A**  $8.35 \times 10^2 \text{ kg m}^{-3}$
- B**  $1.20 \times 10^3 \text{ kg m}^{-3}$
- C**  $8.35 \times 10^5 \text{ kg m}^{-3}$
- D**  $1.20 \times 10^6 \text{ kg m}^{-3}$