

1 What is a reasonable estimate for the density of sand?

- A  $2 \times 10^2 \text{ g cm}^{-3}$
- B  $2 \times 10^3 \text{ g cm}^{-3}$
- C  $2 \times 10^1 \text{ kg m}^{-3}$
- D  $2 \times 10^3 \text{ kg m}^{-3}$

2 Which has a density of  $1.11 \times 10^3 \text{ kg m}^{-3}$ ?