

**2** Osmium, a naturally occurring element, has a density of  $23\,000\text{ kg m}^{-3}$ .

What is also a value of the density of osmium?

**A**  $2.3 \times 10^4\text{ }\mu\text{g cm}^{-3}$

**B**  $2.3 \times 10^4\text{ g cm}^{-3}$

**C**  $2.3\text{ kg cm}^{-3}$

**D**  $2.3 \times 10^{-2}\text{ kg cm}^{-3}$