

1 What is the approximate volume of a smart phone with dimensions $6\text{ cm} \times 12\text{ cm} \times 0.5\text{ cm}$?

- A $4 \times 10^{22}\text{ pm}^3$
- B $4 \times 10^{-1}\text{ dm}^3$
- C $4 \times 10^{-11}\text{ }\mu\text{m}^3$
- D $4 \times 10^{-23}\text{ Mm}^3$

2 The mass, length and diameter of a cylinder are each measured with a measurement uncertainty of 5%