

1 What is a reasonable estimate for the volume of a wooden metre rule found in a school laboratory?

**A**  $1.5 \text{ cm}^3$

**B**  $15 \text{ cm}^3$

**C**  $150 \text{ cm}^3$

**D**  $1500 \text{ cm}^3$

2 A radio aerial of length  $l$  when the current is  $I$  emits a signal of wavelength  $\lambda$  and power  $P$