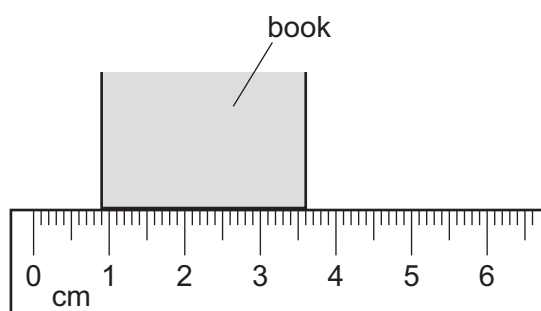


- 1 A paperback book contains 210 sheets of paper (pages). Its thickness is measured with a ruler, as shown.



What is the average thickness of one sheet of the paper in the book?

- A** 0.013 mm      **B** 0.017 mm      **C** 0.13 mm      **D** 0.17 mm
- 2 What is the unit of resistance when expressed in SI base units?
- A**  $\text{kg}^{-1} \text{m}^{-2} \text{sA}^2$   
**B**  $\text{kg}^{-1} \text{m}^{-2} \text{s}^3 \text{A}^2$   
**C**  $\text{kgm}^2 \text{s}^{-1} \text{A}^{-2}$   
**D**  $\text{kgm}^2 \text{s}^{-3} \text{A}^{-2}$
- 3 Which list consists only of scalar quantities?
- A** acceleration, displacement, force, weight  
**B** density, energy, frequency, velocity  
**C** distance, pressure, temperature, time  
**D** momentum, power, volume, wavelength