

- 6** A single sheet of aluminium foil is folded twice to produce a stack of four sheets. The total thickness of the stack of sheets is measured to be (0.80 ± 0.02) mm. This measurement is made using a digital caliper with a zero error of (-0.20 ± 0.02) mm.

What is the percentage uncertainty in the calculated thickness of a single sheet?

- A** 1.0% **B** 2.0% **C** 4.0% **D** 6.7%

- 7** In an experiment to determine the acceleration of free fall, a ball bearing is held by an