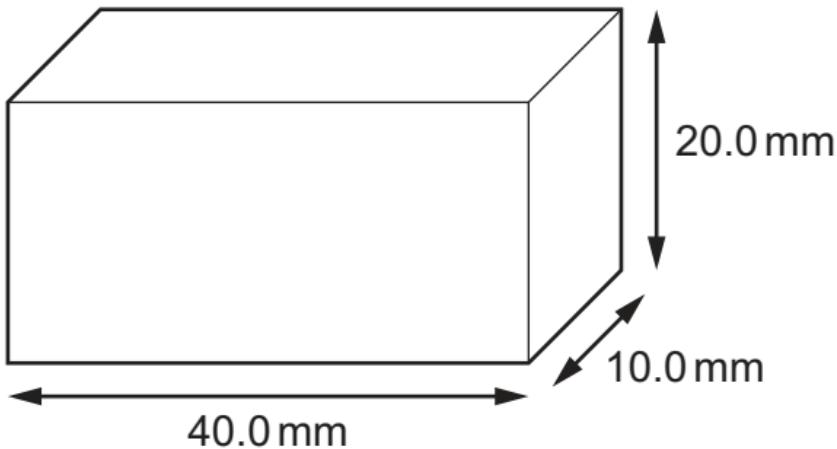


- 5 The sides of a wooden block are measured with calipers. The lengths of the sides are measured as 20.0 mm, 40.0 mm and 10.0 mm.



The calipers can measure with an absolute uncertainty of ± 0.1 mm.

What is the percentage uncertainty in the calculated volume of the block?

A 0.3%

B 1.8%

C 3.8%

D 30%

- 6 A ball is thrown vertically upwards from ground level and reaches a maximum height of 12.7 m.