2 A student takes measurements to calculate the density of a liquid in a beaker.

The height of the liquid is 0.20 m $\pm$ 2%.

The internal diameter of the beaker is 0.05 m $\pm$ 3%.

The mass of the liquid is 0.36 kg $\pm$ 10%.

What is the percentage uncertainty in the calculated density of the liquid?

A 2 % **B** 5 % **C** 15 % **D** 18 %

3 A student throws a stone upwards at an initial speed of 15.0 m s^{-1}