

2 The manufacturers of a digital voltmeter give, as its specification,

'accuracy $\pm 1\%$ with an additional uncertainty of $\pm 10\text{ mV}$ '.

The meter reads 4.072 V.

How should this reading be recorded, together with its uncertainty?

- A** $(4.07 \pm 0.01)\text{ V}$
- B** $(4.07 \pm 0.04)\text{ V}$
- C** $(4.072 \pm 0.052)\text{ V}$
- D** $(4.07 \pm 0.05)\text{ V}$

2 A stone falls freely from rest to the ground. The effect of air resistance on the stone is negligible.