

3 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  $(4.07 \pm 0.05)\text{ V}$