

- 6** A digital caliper is used to measure the 28.50 mm width of a plastic ruler. The digital caliper reads to the nearest 0.01 mm.

What is the correct way to record this reading?

- A** $0.02850 \pm 0.01 \text{ m}$
- B** $0.0285 \pm 0.001 \text{ m}$
- C** $(2.850 \pm 0.001) \times 10^{-2} \text{ m}$
- D** $(2.850 \pm 0.001) \times 10^{-3} \text{ m}$

- 7** An experiment is performed to measure the acceleration of free fall g . A body falls between two