

- 5** The width of a table is measured as (50.3 ± 0.1) cm. Its length is measured as (1.40 ± 0.01) m.

What is the area of the table and its absolute uncertainty?

- A** $(0.7 \pm 0.1) \text{ m}^2$
- B** $(0.704 \pm 0.006) \text{ m}^2$
- C** $(0.704 \pm 0.011) \text{ m}^2$
- D** $(70.4 \pm 0.6) \text{ m}^2$

- 6** A stone is projected horizontally at time $t = 0$ and falls. Air resistance is negligible. The stone has