

- 6 An experiment is done to measure the resistance of a wire.

The current in the wire is  $1.0 \pm 0.2 \text{ A}$  and the potential difference across the wire is  $8.0 \pm 0.4 \text{ V}$ .

What is the resistance of the wire and its uncertainty?

- A  $(8.0 \pm 0.2) \Omega$
- B  $(8.0 \pm 0.6) \Omega$
- C  $(8 \pm 1) \Omega$
- D  $(8 \pm 2) \Omega$

- 7 A particle is moving in a straight line with uniform acceleration.

Which graph represents the motion of the particle?

