

1 Which quantity is a vector?

- A** pressure
- B** temperature
- C** weight
- D** work

3 Which statement about errors in measurements is correct?

- A** An accurate set of measurements always has a small random error.
- B** A precise set of measurements always has a small systematic error.
- C** A random error can be reduced by taking an average of several measurements.
- D** A systematic error creates a random set of measurements spread out about the true value.

1 Which quantity is a scalar quantity?

- A** force
- B** momentum
- C** velocity
- D** work