

- 3 When a force  $F$  moves its point of application through a displacement  $s$  in the direction of the force, the work  $W$  done by the force is given by

$$W = Fs.$$

How many vector quantities and scalar quantities does this equation contain?

- A one scalar quantity and two vector quantities
- B one vector quantity and two scalar quantities
- C three scalar quantities
- D three vector quantities

- 4 Measurements are subject to systematic error and random error.