

- 1 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

- 2 What is a possible unit for the product  $VI$ , where  $V$  is the potential difference across a resistor