

**32** The current  $I$  in a copper wire can be calculated using the equation shown.

$$I = Anvq$$

What does the symbol  $v$  represent?

- A** the average drift velocity of the charge carriers
- B** the instantaneous velocity of the charge carriers
- C** the voltage applied across the wire
- D** the volume of the wire

**33** Three resistors are to be connected into a circuit with the arrangement shown.