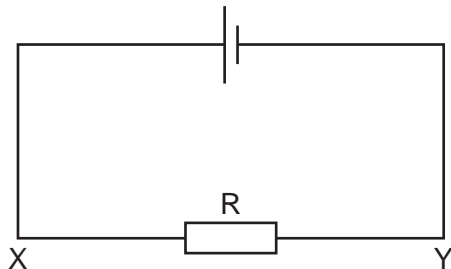


**31** The current in the circuit is 4.8 A.



What is the rate of flow and the direction of flow of electrons through the resistor R?

- A**  $3.0 \times 10^{19} \text{ s}^{-1}$  in direction X to Y
- B**  $6.0 \times 10^{18} \text{ s}^{-1}$  in direction X to Y
- C**  $3.0 \times 10^{19} \text{ s}^{-1}$  in direction Y to X
- D**  $6.0 \times 10^{18} \text{ s}^{-1}$  in direction Y to X

**32** Which equation is used to define resistance?