

30 A wire carries a current of 2.0 amperes for 1.0 hour.

How many electrons pass a point in the wire in this time?

- A** 1.2×10^{-15}
- B** 7.2×10^3
- C** 1.3×10^{19}
- D** 4.5×10^{22}

31 The diagram shows a circuit in which the battery has negligible internal resistance.