

34 A battery is marked 9.0 V.

What does this mean?

- A** Each coulomb of charge from the battery supplies 9.0 J of electrical energy to the whole circuit.
- B** The battery supplies 9.0 J of electrical energy to an external circuit for each coulomb of charge.
- C** The potential difference across any component connected to the battery will be 9.0 V.
- D** There will always be a potential difference of 9.0 V across the battery terminals.

35 The diagram shows a circuit containing a battery, a switch, a bulb and a resistor.