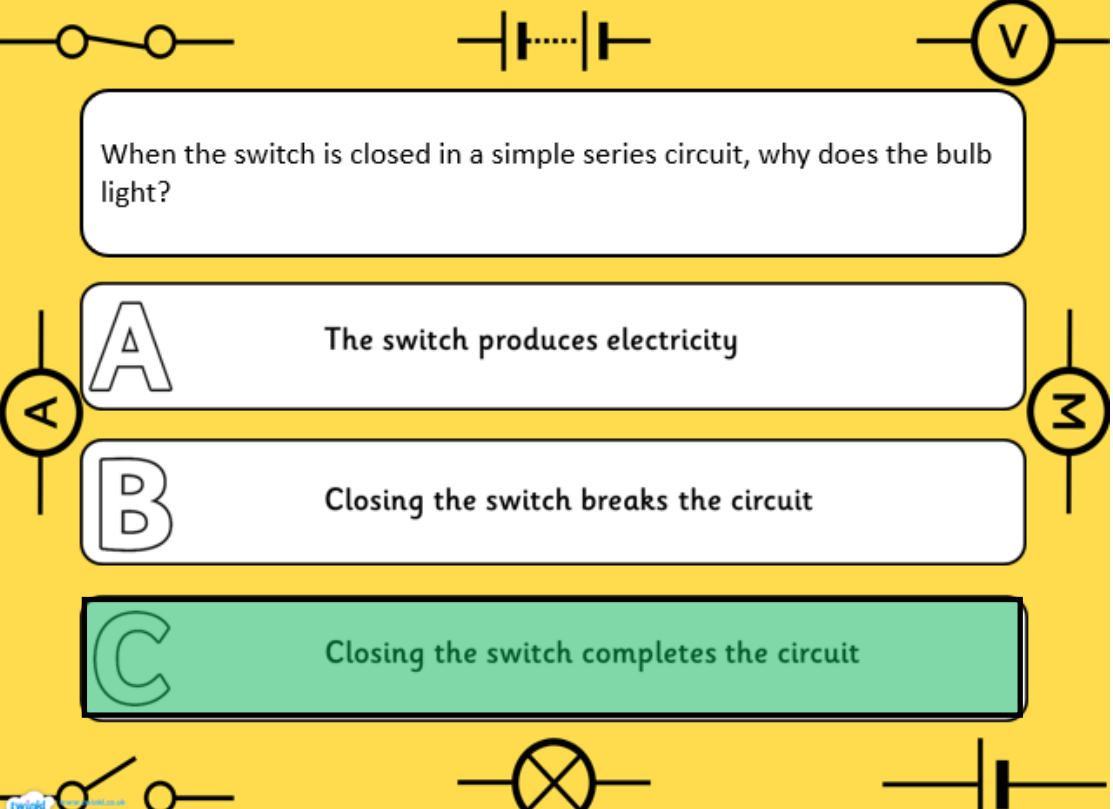


Electricity Quiz

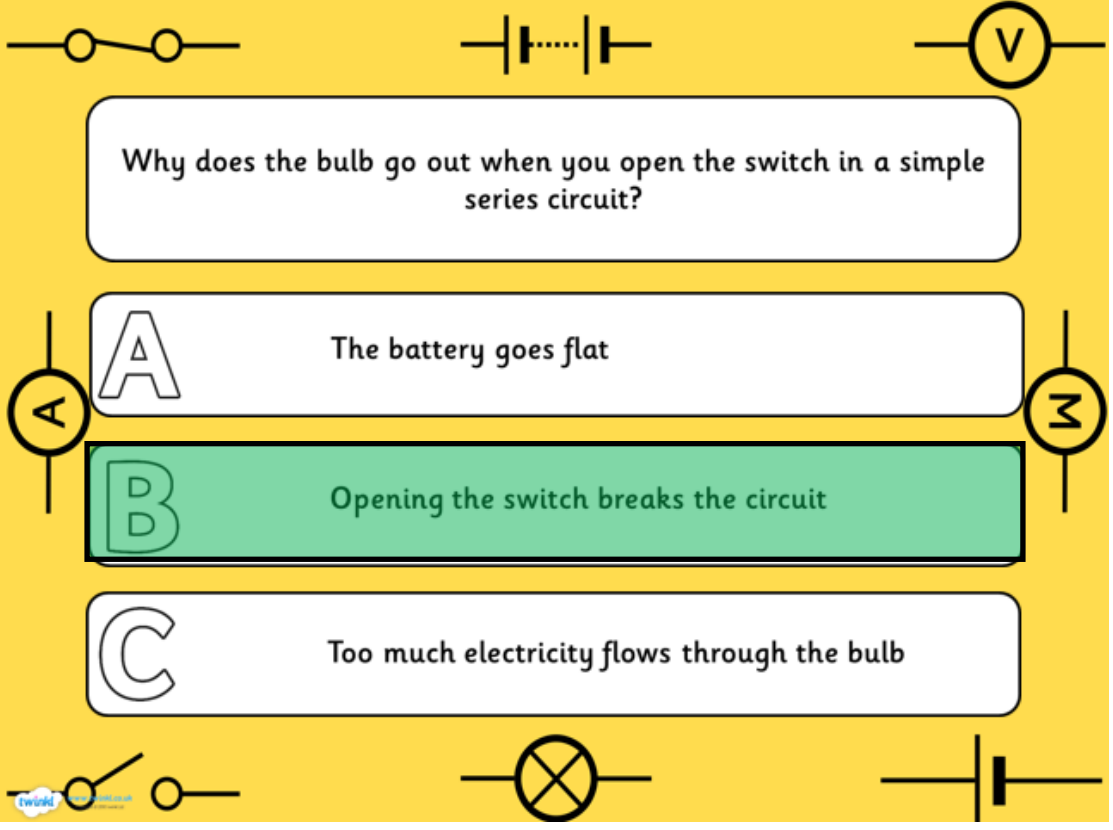


When the switch is closed in a simple series circuit, why does the bulb light?

A The switch produces electricity

B Closing the switch breaks the circuit

C Closing the switch completes the circuit



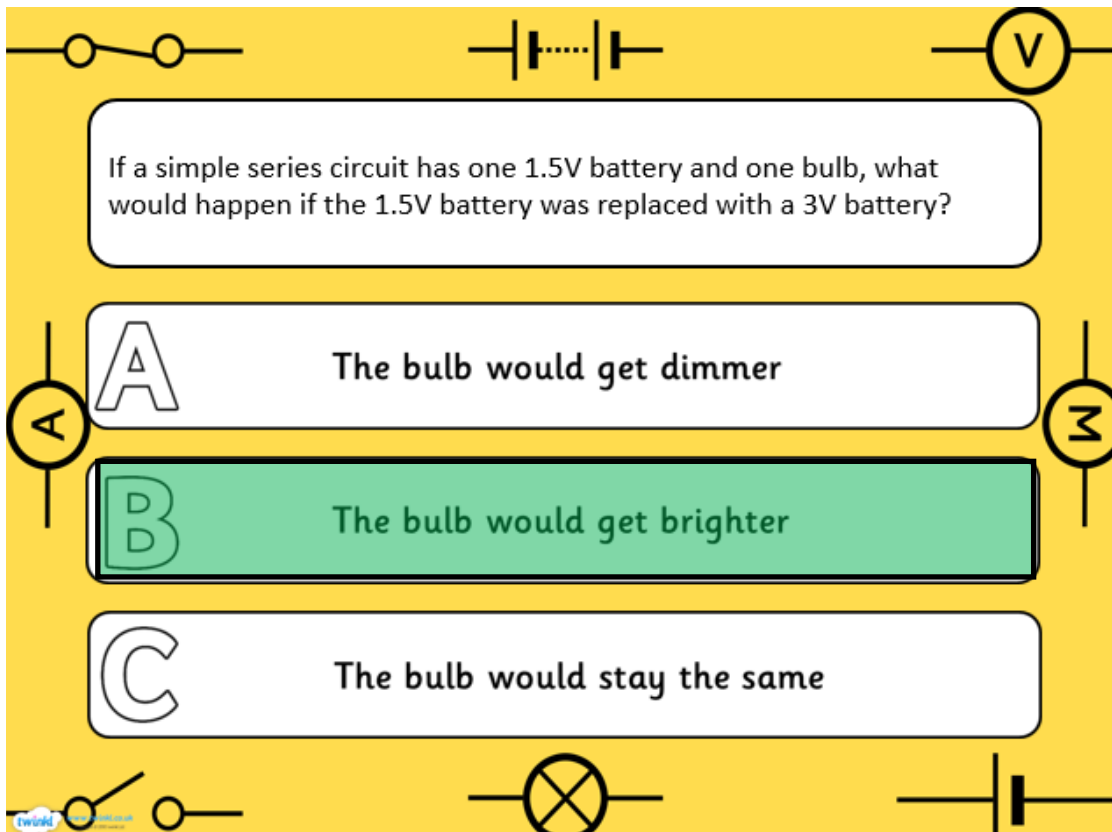
Why does the bulb go out when you open the switch in a simple series circuit?

A The battery goes flat

B Opening the switch breaks the circuit

C Too much electricity flows through the bulb

Electricity Quiz

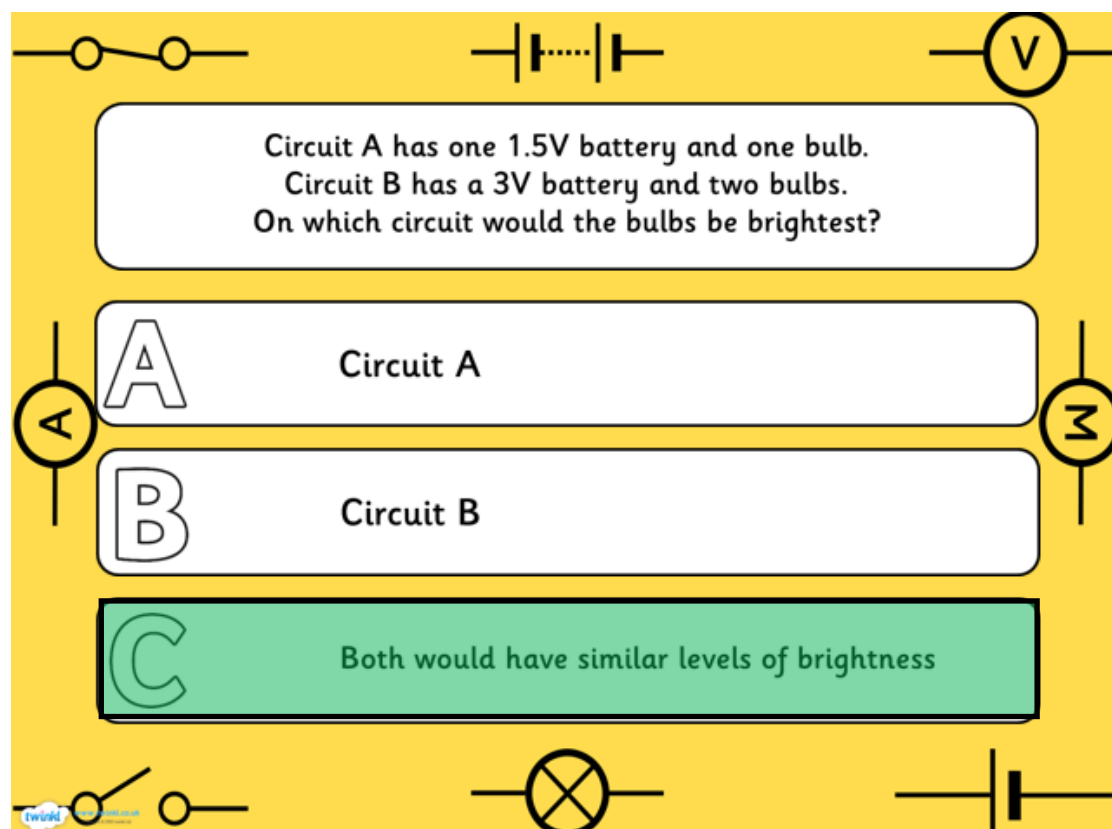


If a simple series circuit has one 1.5V battery and one bulb, what would happen if the 1.5V battery was replaced with a 3V battery?

A The bulb would get dimmer

B The bulb would get brighter

C The bulb would stay the same



Circuit A has one 1.5V battery and one bulb.
Circuit B has a 3V battery and two bulbs.
On which circuit would the bulbs be brightest?

A Circuit A

B Circuit B

C Both would have similar levels of brightness

If a 1.5V battery and a 3V battery are both connected across a simple series circuit, why might the bulb flash and go out?

A There isn't enough electricity flowing through the circuit

B Too much electricity flows through the bulb's filament so the bulb blows

C The batteries are flat

If you changed straight thick wire to straight thin wire in a circuit, what would happen?

A The bulbs would become dimmer

B The bulbs would become brighter

C The bulbs would stay at the same brightness level

Electricity Quiz

What would happen if the wire in a circuit was changed from straight thick wire to a longer coiled thick wire?

A The bulbs would become dimmer

B The bulbs would become brighter

C The bulbs would stay at the same brightness level

A circle with a cross in it represents a _____ in a circuit diagram.

A Light bulb

B Motor

C Ammeter

Electricity Quiz

Long straight lines represent _____ in a circuit diagram.

A Motors

B Ammeters

C Wires

A long line with a short line represents a _____ in a circuit diagram.

A Battery

B Motor

C Ammeter