

Year 6 Science Quiz

Electricity

1

Match the word to the correct definition.

Conductor

Components

Voltage

Insulator

Parts of a circuit.

Allow electricity to pass through them.

Do not let electricity pass through them.

Electrical force measured in volts.

2

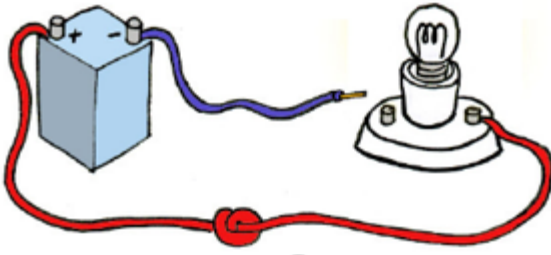
Draw a simple circuit containing a bulb, cell and push switch.

3

Fill in the table by ticking the correct columns to say what happens to the bulb in each of these circuits.

	Bulb lights	Bulb does not light	Bulb is dimmer than normal	Bulb is brighter than normal
A circuit with a battery, a bulb and an open switch.				
A circuit with two batteries, a closed switch and a bulb.				
A circuit with a closed switch, a buzzer, a battery and a bulb.				
A circuit with a bulb and a closed switch.				

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"The knot I have tied is tight enough to stop the electricity going through."

Do you agree? Explain your thinking.
