

Name: _____

Date: _____

Unit title: Circuits, batteries and switches

1	What is this the symbol for?
A	A buzzer.
B	A motor.
C	A bulb.
D	An ammeter.

2	Which of the following is the correct symbol for a cell?		
A	B	C	D

3	Which of the following is not needed for a circuit to work?
A	A power source.
B	A switch.
C	A component.
D	A complete loop.

4	What would happen to the bulb's brightness if you added another bulb?
A	Get dimmer.
B	Stay the same.
C	Get brighter.
D	The bulb would break.

5	What is the voltage provided if both cells are used in a circuit?
A	1.5 V.
B	3 V.
C	15 V.
D	30 V.

6	This could be a circuit diagram for a...
A	...torch.
B	...remote control.
C	...fan.
D	...doorbell.

7	Adding more components to a circuit...
A	...decreases the voltage.
B	...increases the current.
C	...increases the resistance.
D	...makes no difference.

8	Adding more cells to a circuit...
A	...makes the bulbs brighter.
B	...increases the voltage.
C	...increases the current.
D	All of the above.

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KS2 Quiz

Unit title: Circuits, batteries and switches

9 A switch...

A ...completes a circuit.

B ...breaks a circuit.

C ...must be made from conducting materials.

D All of the above.

10 What would change how this bulb lights up? Describe what effect you would see.