

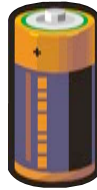
Name: \_\_\_\_\_ Date: \_\_\_\_\_



Can you use these pictures to help you draw a picture of a working circuit? Make sure everything is linked in the correct places.



bulb



battery



wire

**Write TRUE or FALSE in the box next to each statement:**

Electrical current needs a complete circuit to flow around or the electrical components (such as light bulbs) will not work.

All materials can conduct electricity. This means wires can be made from any material.

Batteries are the only way of producing electricity.

Batteries, bulbs, motors and buzzers are all electrical components.

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Can you draw a diagram of a series circuit and a parallel circuit in these boxes? Use the words below to label your diagrams:

bulb

switch

wire

battery

Series circuit:

Parallel circuit:

What is the main difference between a series circuit and a parallel circuit?

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What kind of circuit would you use for a torch? Why? \_\_\_\_\_

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What kind of circuit would you use for a fairy lights? Why? \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Can you complete this ELECTRICAL GLOSSARY by writing a definition for each of the words listed below?



<b>Ampere</b>	
<b>Battery</b>	
<b>Bulb</b>	
<b>Buzzer</b>	
<b>Circuit</b>	
<b>Component</b>	
<b>Conductor</b>	
<b>Insulator</b>	
<b>Motor</b>	
<b>Switch</b>	
<b>Voltage</b>	
<b>Wire</b>	

