



1. Electricity from the wall outlets in your house powers your television, computer, lights, and microwave. Cell phones, flashlights, and even a car's headlights are powered by the electricity in batteries.

DRAG AND DROP:

Electricity from the wall outlets powers

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Electricity in batteries powers

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car's headlights

cell phones

computer

flashlights

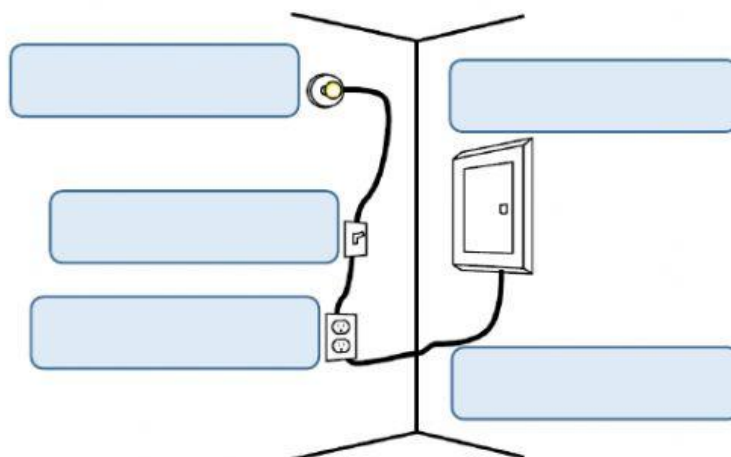
lights

microwave

TV

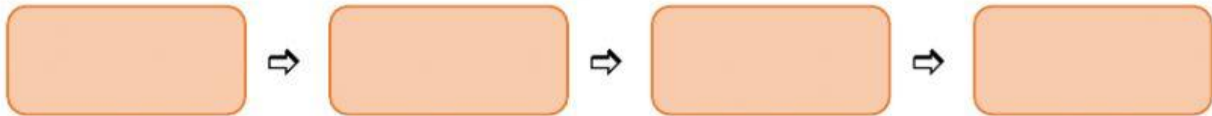
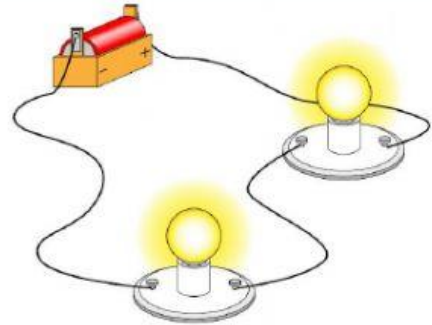
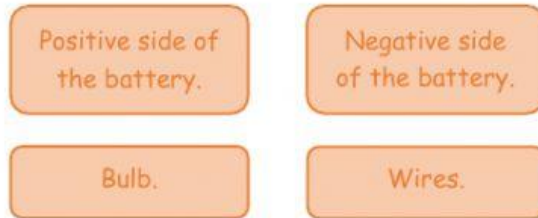
2. The type of electricity that is used to power things we use is called current electricity. Current electricity is electricity that flows through wires. The path that electricity follows is called a circuit.

NAME THE PARTS OF THIS CIRCUIT:



3. Electricity flows from the negative side of a battery, through the wires and lights the bulb. The electricity continues to travel around to the positive side of the battery.

ORDER THE PATH ELECTRICITY FOLLOWS:



4. Something that uses some of the electricity in a circuit is called a resistor. Resistors could also be things like light bulbs, motors or speakers.

TRUE OR FALSE:

- A battery can be a resistor.
- A resistor is something that uses electricity in a circuit.
- Light bulbs, motors or speakers can be resistors.

5. A circuit can be open or closed. When a circuit is closed, it is complete and there is no break in the path that the charges must follow. When a circuit is open, it is incomplete and charges can't flow through.

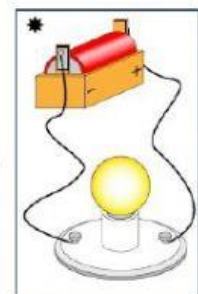
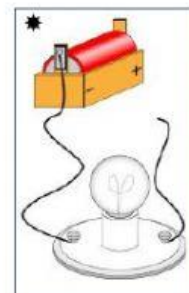
MATCH:

An open circuit is *

* complete *

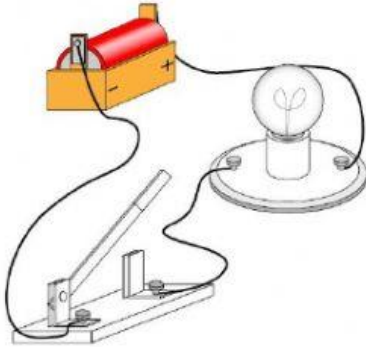
A closed circuit is *

* incomplete *

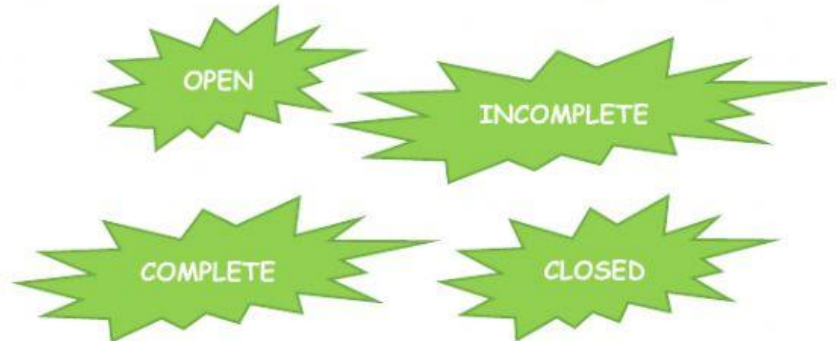


6. A switch is sometimes added to a circuit. The switch opens and closes a circuit to turn resistors on and off.

WHICH THE SWITCH IN THIS PICTURE?



WHAT TYPE OR CIRCUIT IS IT? (Choose 2).



7. In a series circuit, electricity can follow only one path. In a parallel circuit, electricity has more than one path to follow.

COMPLETE:

