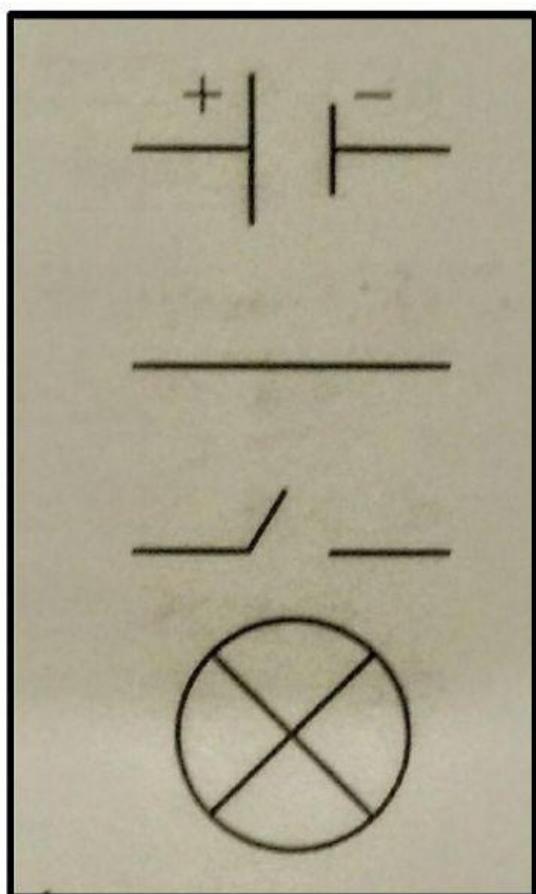


In a diagram of an **electric circuit**, symbols are used to represent different **parts**. Read the description and write the part.



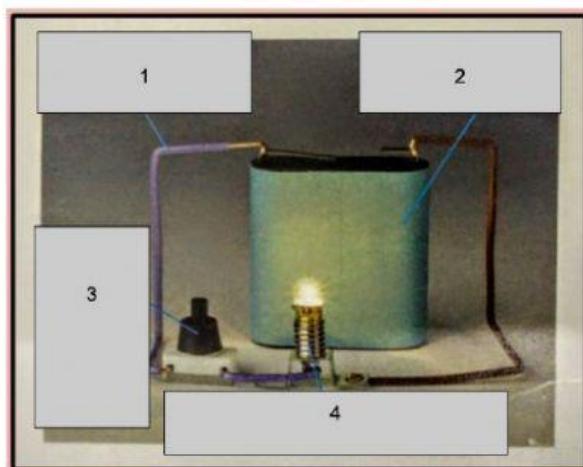
It produces energy in the form of electricity.

It carries electricity along a circuit path.

It is a device that opens (disconnects) and closes (connects) a circuit.

It is a device that changes electricity into another form of energy, such as heat or light.

In a **closed circuit**, electricity can flow and do work. All of the parts must be connected and the switch must be closed. In an **open circuit**, the electricity cannot flow, so it cannot do any work. Identify the parts of the circuit below. Use the following words: **switch** - **conductor** - **power source** - **load**



Number 1 is a metal wire or a _____.

Number 2 is a battery or a _____.

Number 3 is a _____.

Number 4 is a light bulb or a _____.