MATCH WITH THE CORRECT ANSWER:

What is a conductor? It is a material that electricity cannot Flow through.

What is an insulator? It is a material that allows electricity to Flow

through it.

Clasify these objects into conductors and insulators.

a biscuit - a book - cooper cable - metal chair - water

a branch of tree - a key - a plastic pen - paper clip - rubber

CONDUCTORS INSULATORS

- ♣ Write the missing systems.
 - a) Current stops flowing when the_____is off.
 - b) The nucleus is made up of protons and______.
 - c) An electric current flows along the into the machine.
 - d) _____are used to represent the components of an electric circuit..

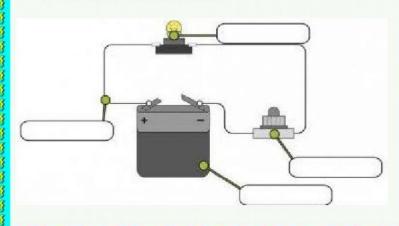
neutrons

symbols

wire

switch

4 Label the electric circuit.

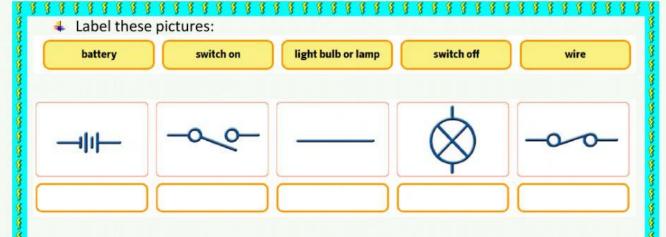


BATTERY

SWITCH

LIGHT BULB

WIRE



♣ When we talk about circuits there are three main types:







Series circuit



Parallel circuit

Use the pictures to help you decide which circuit is being described:

- 1) Two or more light bulbs are connected to one battery.
- 2) It forms two or more circles, one bigger than the other.
- 3) A battery is connected to a light bulb, the light bulb to a switch and the switch to the battery.

- 4) Each of these two circuits has a light bulb, connected to the same battery.
- 5) All the components are connected within the same circuit.
- 6) This circuit has a single light bulb and forms one circle.