

✚ 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

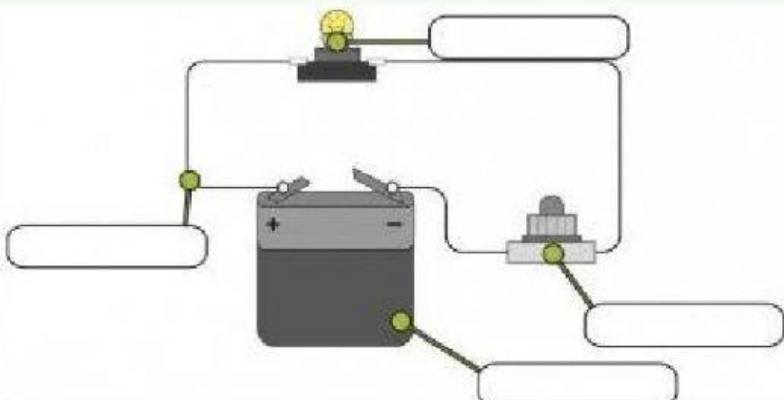
INSULATORS

✚ Write the missing systems.

- Current stops flowing when the _____ is off.
- The nucleus is made up of protons and _____.
- An electric current flows along the _____ into the machine.
- _____ are used to represent the components of an electric circuit..

neutrons
symbols
wire
switch

✚ Label the electric circuit.



BATTERY

SWITCH

LIGHT BULB

WIRE

✚ Label these pictures:

battery

switch on

light bulb or lamp

switch off

wire



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



Simple circuit



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.