

# ELECTRICITY AND INVENTIONS

## 1. Match with the correct answer:

Edison's inventions...	... fuse
Makes electricity safe to use at home...	... the flow of electrons between atoms
Electric current is...	... repel each other
Two positive charges together...	... phonograph, electric light bulb and kinetoscope
Static electricity is...	... the movement of electrons between two materials
A parallel circuit...	... in power stations
A series circuit...	... forms two or more circles
Electricity is generated...	... forms one circle

## 2. 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

## 3. Complete the sentences with the correct word.

- a) Electricity is made up of microscopic .
- b) Static electricity is the movement of  between two materials.
- c) Electrostatic filters remove dust and  from the air.
- d) Objects with the same electrical charge are  from one another.

particles

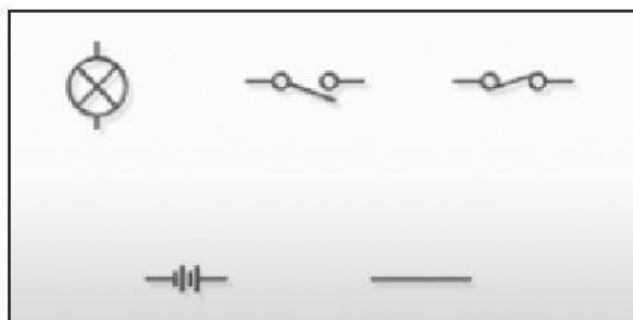
electrons

atoms

repelled

## 4. Label the components

light bulb  
switch "off"  
wire



battery  
switch "on"

5. Look and match






Parallel circuit

Simple circuit

Series circuit

6. Label the pictures.

SOCKET

FUSE

ELECTROMAGNET

PHONOGRAPH



7. Look and match.

electron

nucleus

neutron

proton

PARTS OF AN ATOM

