

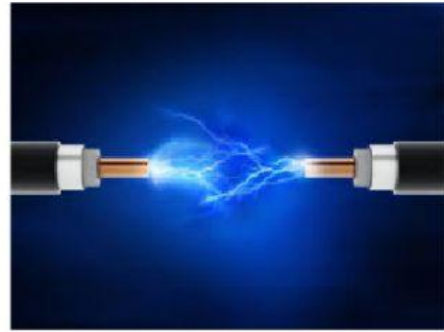
Electrical charge

It is a fundamental property of matter.

There are 2 types:



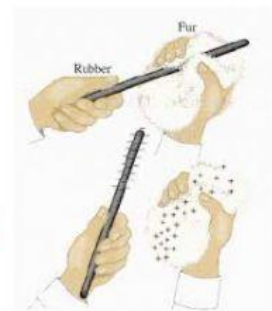
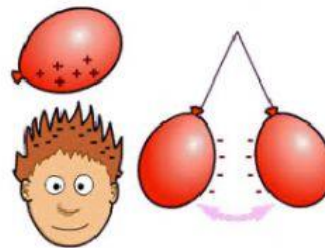
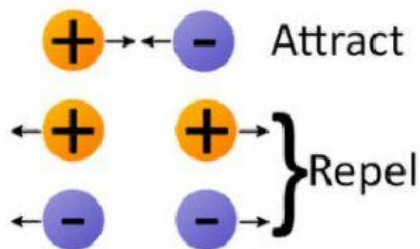
Bodies are usually NEUTRAL = they have equal number of positive and negative charges



Static electricity

bodies may become electrified with positive or negative charges when they are rubbed together.

it attract or repel another body, depending on the type of charge each of them has



POSITIVE CHARGE = is carried by

.....

NEGATIVE CHARGE = is carried by

.....



Match:

charge

move towards each other

repel

the quantity of unbalanced electricity in a body

attract

move away from each other

Insulators prevent the electrons from moving and the charge remains static .

Conductors, on the other hand, cannot become charged.

Choose the correct answer:

What happens if you put two bodies with different types of charge together?

- ☐ They change to neutral charge because of the combination of the two.
- ☐ They attract each other.
- ☐ They repel each other.
- ☐ They remain the same.

... makes an electrified body attract or repel another body, depending on the type of charge each one has.

- ☐ Static electricity
- ☐ Electrical charge
- ☐ Negative charge
- ☐ Positive charge

When plastic is charged by rubbing it with a cloth

- ☐ it can repel small pieces of paper
- ☐ it does nothing
- ☐ it makes an electric current
- ☐ it can attract small pieces of paper

If a piece of a material does not become charged when it is rubbed with a cloth, it means that it is a

- ☐ a conductor
- ☐ a solid
- ☐ an insulator

..... What happens between two objects with the same type of charge

A property that matter has. There are two different **types**, and negative

..... **CHARGE**.

..... is what happens between two objects with a **different** type of charge.

Matter has a fundamental property called electrical There are two different types of electrical charge, and negative. Usually, bodies are , which means they have equal numbers of positive and negative charges.

Bodies may become electrified with positive or negative charges when they are rubbed together.

..... electricity makes an electrified body attract or another body, depending on the type of charge each one has.