

3.2 Electricity and Matter

Everything around us contains _____

Objects become _____ when _____

Rubbing two objects together can cause a _____

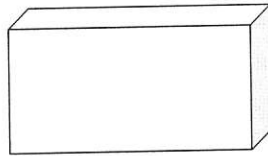
The electric charge "stays" or remains "_____"

The study of _____ electric charge is called _____

Types of Charges

If an object is neutral or _____, the object will have an _____ number of _____ and _____ charges.

Show the box being neutral by using "+" and "-" signs on the diagram



How many + _____

How many - _____

When... two objects are rubbed together
one becomes _____
the other becomes _____

In figure 2 the comb gets a _____
because it has _____ - and only _____ +
The wool sweater gets a _____
because it has _____ + and only _____ -

Law # 1 charged objects _____ neutral objects.

The Law of Electric Charges

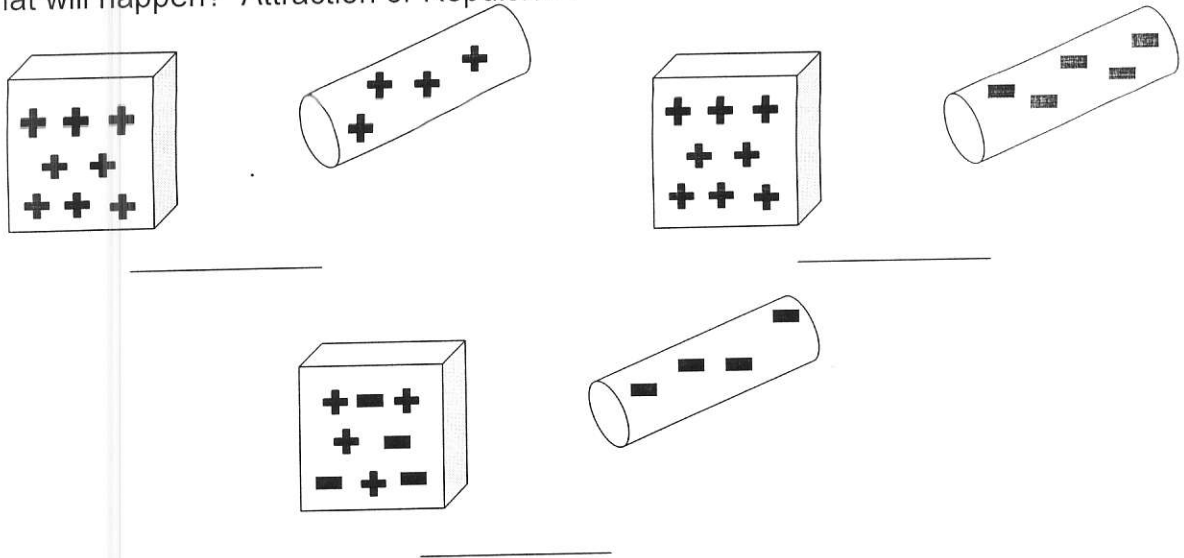
The law of electric charges states that...

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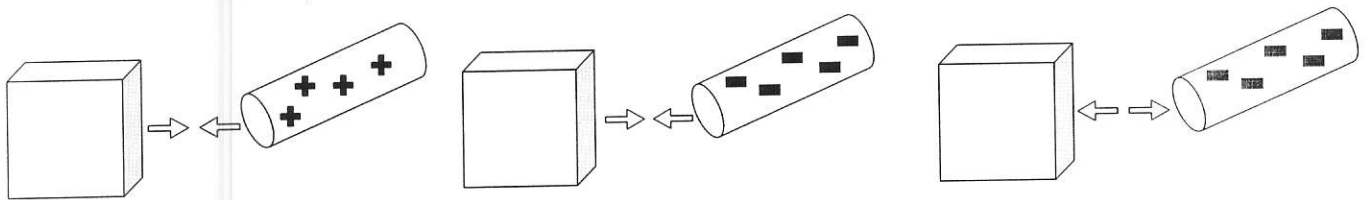
AND

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What will happen? Attraction or Repulsion?



What are the objects charges?



Static Electricity and Current Electricity

Static electricity is...

Current electricity is ...

Table 1

Electricity Type	Definition	Characteristic