

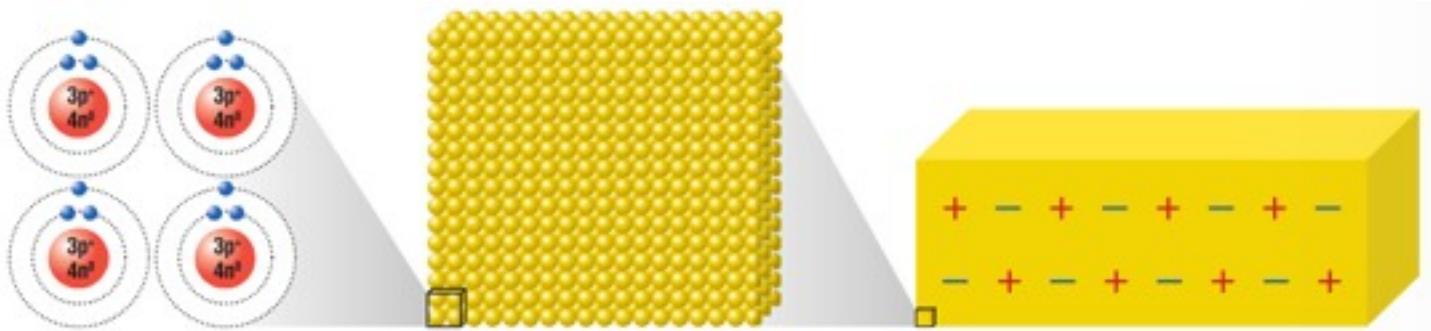
How Static Electricity Works...

Remember:

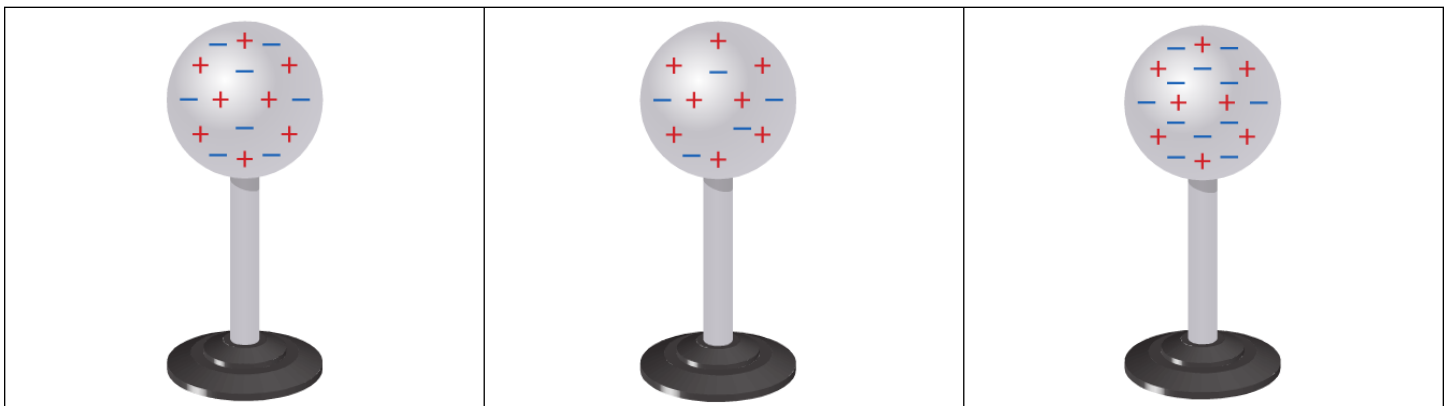
- Atoms are made up of _____ particles.
 - _____, _____ & _____
 - _____
 - _____
 - _____
 - Elements are _____.

What is Static Electricity??

- When an atom no longer has an _____ number of _____ and _____, it has an electric charge. This was known as an ion in the Chemistry Unit.
- Everyday objects are made up of _____ → all containing an _____.



- A '+' is used to represent a _____ and a '-' is used to represent a _____.



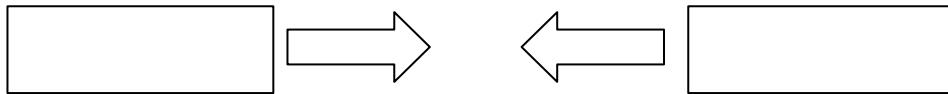
<ul style="list-style-type: none"> • _____ object have: # of protons ____ # of electrons 	<ul style="list-style-type: none"> • _____ charged object have: # of protons ____ # of electrons 	<ul style="list-style-type: none"> • _____ charged object have: # of protons ____ # of electrons
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- When neutral objects made of _____ come in _____, such as hair and a balloon, electrons can be transferred.
 - One is now _____ charged and the other _____ charged.
- Static electricity is the _____ of _____ electric charge on the surface of an object.
 - The study of electric charges is known as _____.

_____ between all electric charges follow:

The Fundamental Law of Electric Charges

1. _____ (unlike) charges _____ each other.



2. _____ (like) charges _____ each other.



3. Charged objects will _____ neutral objects.

