Charge & Electronegativity – Guided Notes

Electricity is a _____.

Static Electricity is

_____

_____ .

The protons and neutrons are _____ in the nucleus and _____ .

Electrons are bound _____ . These are the particles that can "_____" an object.

Conservation of Charge says:

What is electronegativity?

When you rub two objects with very different electronegativities together, you will _____

_____ .

Example Electronegativity Series:

Glass (electron donors)

_____

_____

_____

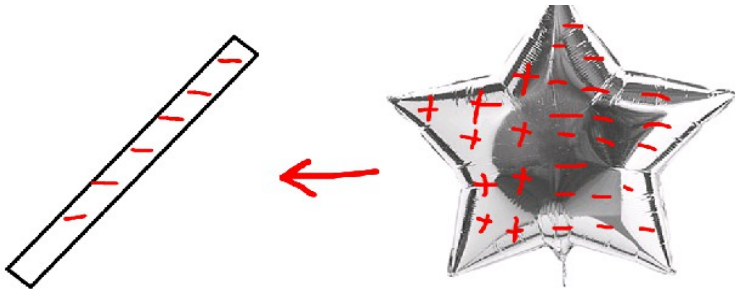
_____

_____

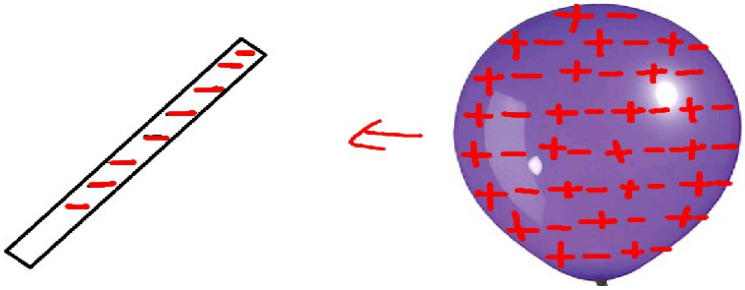
_____

PVC (electron acceptors)

Why does the foil attract?



Why does the latex balloon attract?



Three Types of Charge Transfer:

1. Friction: _____

2. Conduction: _____

3. Induction: _____

_____

_____