Periodic Table Trends

1. organized by atomic number (number of protons)

2. Each row adds another energy level in order to hold the electrons in a balanced atom

Electronegativity:

- the ability of an atom to attract electrons

Scale: 0.7 (cesium) to 4.0 (Florine)

prediction: higher on the right?

Ionization Energy:

- the energy required to remove an electron from an atom

Prediction: Higher on the right side?

Atomic Radius:

- Half the distance between the nuclei of two atoms

Ionic Radius:
Melting Point

Boiling Point

Electronegativity

Ionization Energy

Density

Atomic Radius

Ionic Radius

Reactivity

Metallic Character

Think about electrons in the outermost energy level.