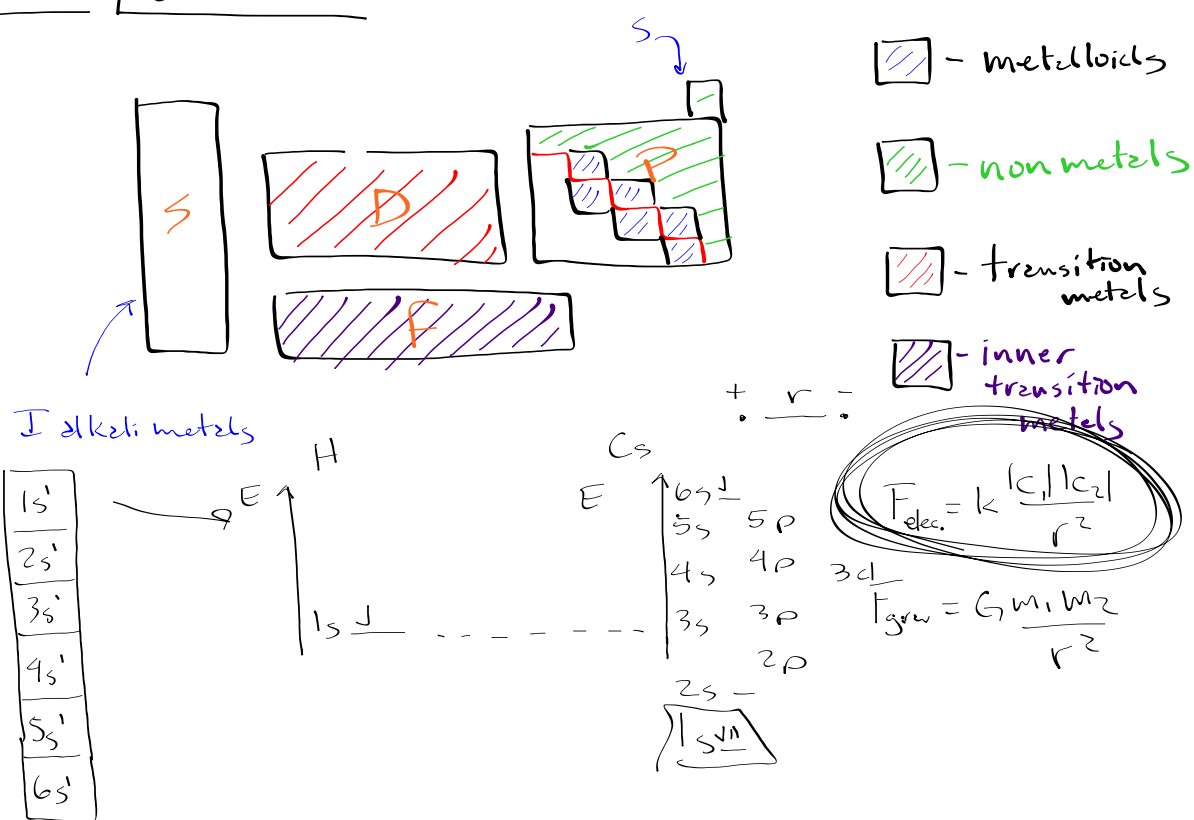


Monday Oct 28th

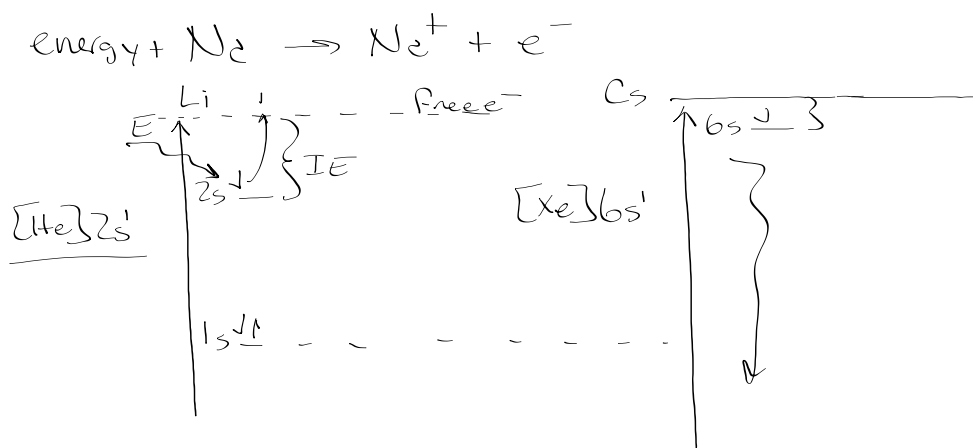


Defining Terms

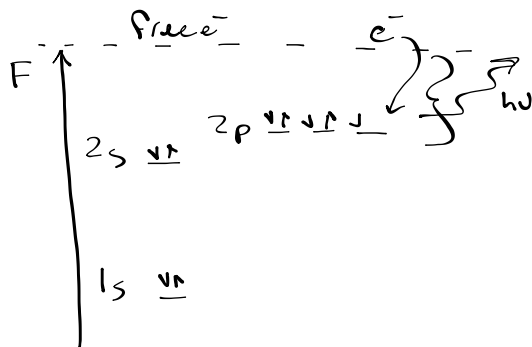
Atomic Radius —  really, the size of an atom.



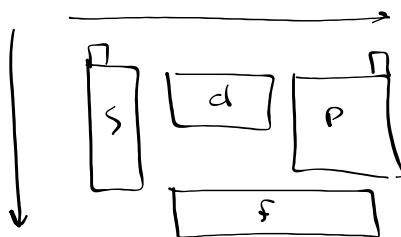
Ionization Energy — the energy required to remove the outermost e^- from a gaseous atom.

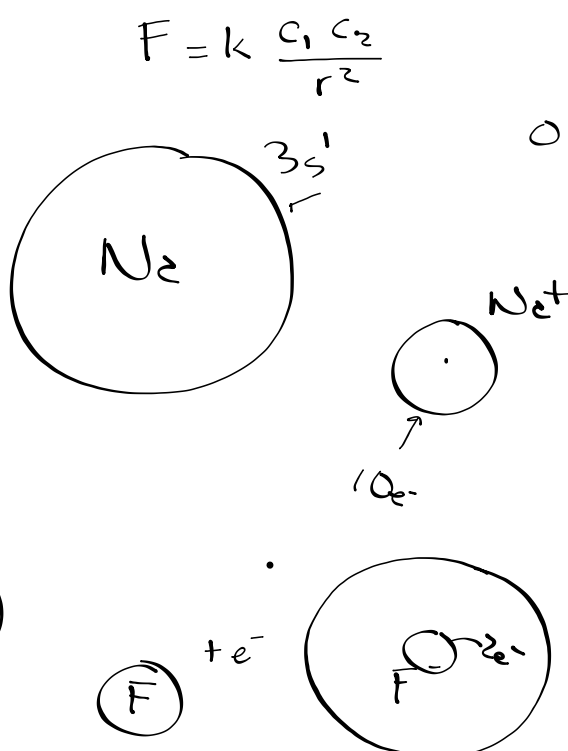
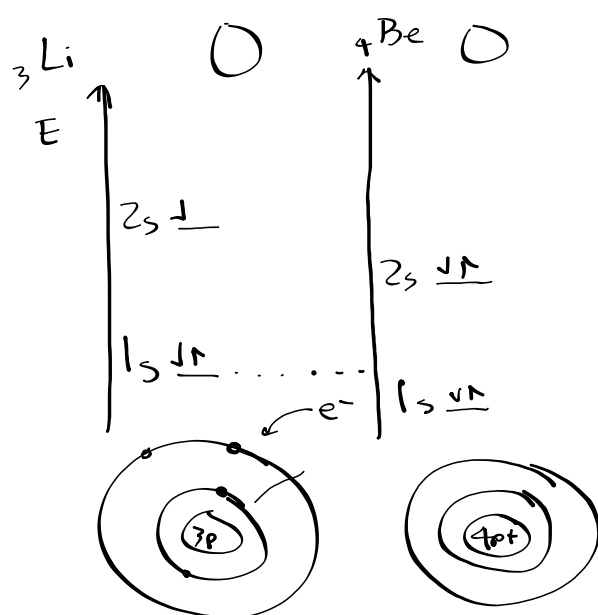


Electron Affinity — the energy released when an e^- is captured by an atom in the gas phase.



Electronegativity (Pauling) — the tendency of an atom to pull e^- towards itself when bonded to another atom.

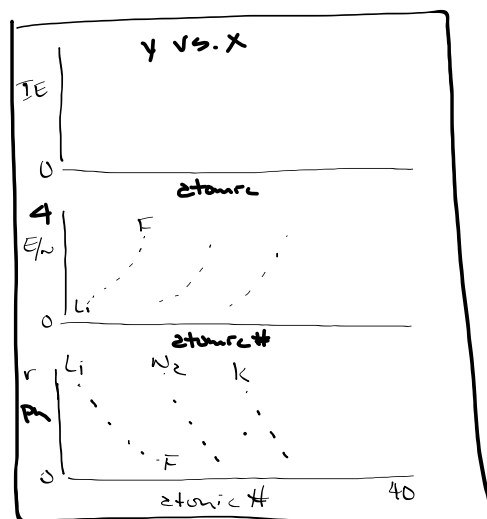


Atomic Radius

Tuesday 10/29/19

Periodic Trends Graphing Assignment

$$10^{-12} \text{ m} = 1 \text{ pm}$$



The Periodic Law

When the elements are arranged in terms of

INCREASING

ATOMIC

NUMBER

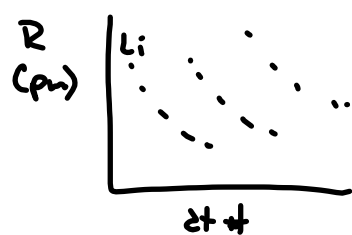
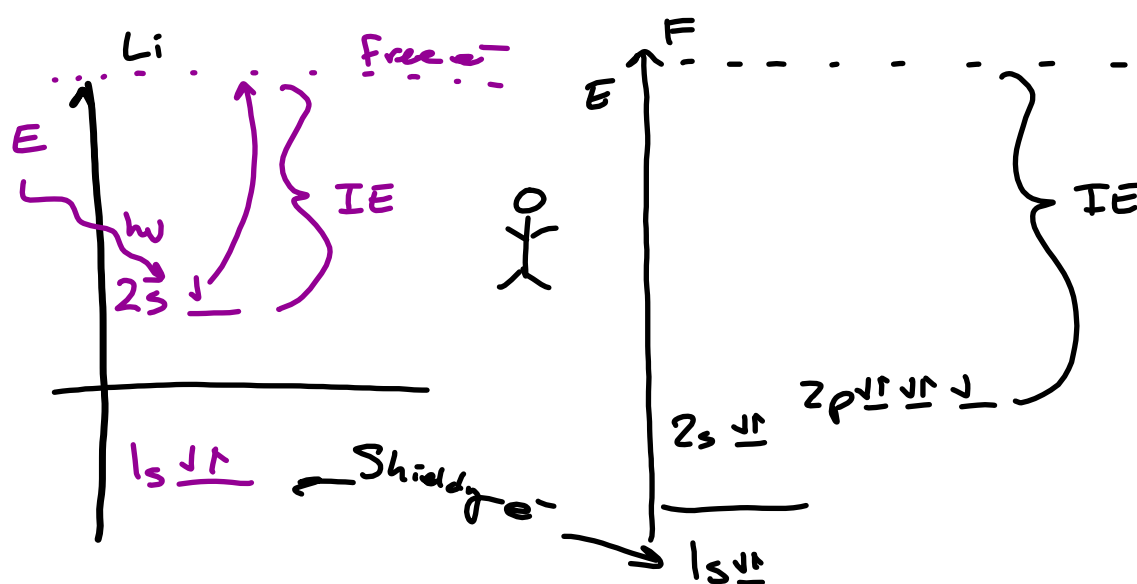
there is a periodic repeat of physical & chemical characteristics.

Chem 1A for Thurs

Homework

Read: 5.3

Do: 22-31 p. 166



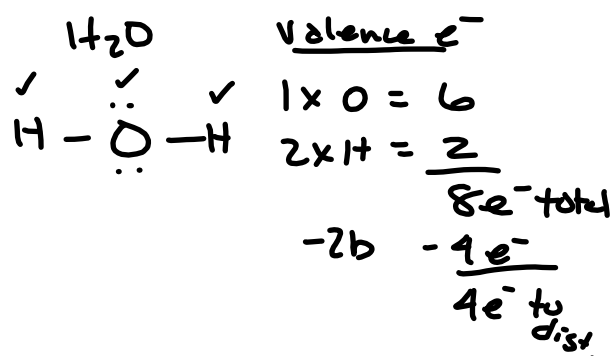
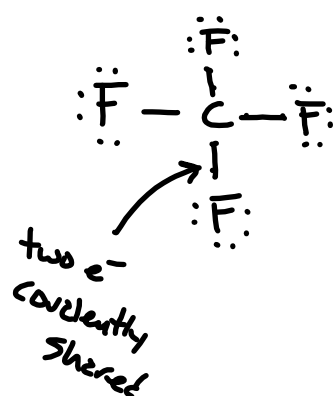
Lewis Dot Structures

H·

He:

Li· ·Be·

·B· ·C· ·N· ·O· ·F· ·Ne:



Homework for Friday

Read: 6.1

Do: 1-6 p. 173

