Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Figuring Out Electron Shells***

Shell One: 2 electrons MAX

Shell Two: 8 electrons MAX

Shell Three: 18 electrons MAX

**Start with the first shell in the ring closest to the nucleus and work your way out until all the electrons for the atom are accounted for:**

USE PENCIL!Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Figuring Out Electron Shells***

Shell One: 2 electrons MAX

Shell Two: 8 electrons MAX

Shell Three: 18 electrons MAX

**Start with the first shell in the ring closest to the nucleus and work your way out until all the electrons for the atom are accounted for:**

USE PENCIL!

**Try out:**

Lithium (Li)

 -Atomic number:\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells:\_\_\_\_\_\_\_\_\_\_\_

Fluorine (F)

 -Atomic Mass:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of neutrons:\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sulfur (S)

 -Number of protons:\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of neutrons in the 17S isotope: \_\_\_\_\_\_\_\_\_

**Try out:**

Silicon (Si)

 -Atomic number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Oxygen (O)

 -Atomic Mass:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of neutrons:\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Carbon (C)

 -Number of protons:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of shells:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -Number of neutrons in the 16C isotope: \_\_\_\_\_\_\_\_\_