**Bohr Diagram and Electron Shells**

Atomic Number = number of Protons = number of Electrons

Atomic Mass – Atomic number = number of Neutrons

Center of diagram has a P= for number of Protons

 And an N= for number of Neutrons

Number of electrons in each Electron Shell

 1st shell – max of 2 electrons

 2nd shell – max of 8 electrons

 3rd shell – max of 8 electrons

 4th shell – max of 16 electrons