**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