Topic 3 – The Structure of the Atom

Lesson 4 – Valence Electrons and Ions

Terms to Know

Valence Electrons –

Neutral Atoms –

Ions –

Positive Ions –

Negative Ions –

Protons = atomic number = nuclear charge = electrons = mass # - neutrons = nucleons – neutrons

Mass # = nucleons = protons + neutrons = nuclear charge + neutrons = electrons + neutrons

Neutrons = mass # - protons = nucleons - protons