

VOCABULARY

Chemistry- Mr. Hunter

Chapter 7

1. **Alloys:** A mixture composed of two or more elements, one has to be a metal.
2. **Chemical Formula:** an expression that indicates the number and type of atoms present in the smallest representative unit of a substance
3. **Electron Dot Structure:** a notation that depicts valence electrons as dots around the atomic symbol of the element
4. **Formula Unit:** the lowest whole-number ratio of ions in an ionic compound
5. **Ionic Bonds:** the electrostatic attraction that binds oppositely charged ions together
6. **Ionic Compounds:** a compound composed of positive and negative ions
7. **Metallic Bonds:** the force of attraction that holds metals together
8. **Octet Rule:** atoms react by gaining or losing electrons so as to acquire the stable electron structure of a noble gas, usually eight electrons
9. **Valence Electron:** an electron in the highest occupied energy level of an atom