

## Bonding Test Review

### Understand:

- Parts of the periodic table
- Trends on the periodic table
  - Z, A, atomic radius, electronegativity, ionization energy
- Characteristics of metals and nonmetals
- Octet rule
- Electronegativity
- Ionic, covalent, polar covalent, and metallic bonding
  - atom types involved
  - process of formation
  - characteristics of each
- Electron Domain Theory
  - define electron domains
  - differentiate domain and molecular structures
  - names and angles
- VSEPR theory

### Be able to:

- Draw LDMS
  - Then:
    - identify domain and molecular geometries
    - names
    - angles