

Chapter 6. Bonding

- 6.1 Types of Chemical Bonds
- 6.2 Electronegativity
- 6.3 Bond Polarity and Dipole Moments
- 6.4 Ions: Electron Configurations and Sizes
- 6.5 Formation of Binary Ionic Compounds
- 6.6 Partial Ionic Character of Covalent Bonds
- 6.7 The Covalent Chemical Bond: A Model
- 6.8 Covalent Bond Energies and Chemical Reactions
- 6.9 The Localized Electron Bonding Model
- 6.10 Lewis Structure
- 6.11 Resonance
- 6.12 Exceptions to the Octet Rule
- 6.13 Molecular Structure: The VSEPR Model