

## CHAPTER OVERVIEW

### 6: Chemical Bonding I- Drawing Lewis Structures and Determining Molecular Shapes

6.1: Morphine - A Molecular Imposter

6.2: Electronegativity and Bond Polarity

6.3: Writing Lewis Structures for Molecular Compounds and Polyatomic Ions

6.4: Resonance and Formal Charge

6.5: Exceptions to the Octet Rule- Odd-Electron Species, Incomplete Octets, and Expanded Octets

6.6: Bond Energies and Bond Lengths

6.7: VSEPR Theory - The Five Basic Shapes

6.8: VSPER Theory- The Effect of Lone Pairs

6.9: VSPER Theory - Predicting Molecular Geometries

6.10: Molecular Shape and Polarity

---

6: Chemical Bonding I- Drawing Lewis Structures and Determining Molecular Shapes is shared under a [CC BY-NC-SA 4.0](https://creativecommons.org/licenses/by-nc-sa/4.0/) license and was authored, remixed, and/or curated by LibreTexts.