

## CHAPTER OVERVIEW

### 2: General Chemistry Review

#### 2.1: Gases

2.1.1: Relating Pressure, Volume, Amount, and Temperature - The Ideal Gas Law

2.1.2: Stoichiometry of Gaseous Substances, Mixtures, and Reactions

2.1.3: The Kinetic-Molecular Theory

2.1.4: Non-Ideal Gas Behavior

#### 2.2: Thermodynamics

2.2.1: Energy Basics

2.2.2: Enthalpy

2.2.3: Spontaneity

2.2.4: Entropy

2.2.5: The Second and Third Laws of Thermodynamics

2.2.6: Free Energy

#### 2.3: Kinetics

2.3.1: Chemical Reaction Rates

2.3.2: Factors Affecting Reaction Rates

2.3.3: Rate Laws

2.3.4: Integrated Rate Laws

2.3.5: Collision Theory

2.3.6: Reaction Mechanisms

2.3.7: Catalysis

---

2: General Chemistry Review is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.