



# Chem 1250

## Chapter 3

Molecules, Moles and Equations

Lecture Handout 3

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## Chapter 3: Molecules, Moles and Equations

### 3.2 – Chemical Formulas and Equations

Writing and Balancing Equations

### 3.3 – Aqueous Solutions and Net Ionic Equations

Solutions, Solvents and Solute, Electrolytes, Solubility, Precipitation reactions, Net ionic equations, Acid-Base Reactions

### 3.4 – Interpreting Equations and the Mole

Avogadro's Number, the Mole, Molar Mass

### 3.5 – Calculations using Moles and Molar Mass

Elemental Analysis, Empirical formula, Molarity



Chapter 3 has three homework sets

- 1) Equations
- 2) Ions, electrolytes and net ionic equations
- 3) Mole, molar mass and molarity

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# Ohio State Chem 1250 Lab Manual

**Robert R. Redfield**



## **Ohio State Chem 1250 Lab Manual:**

## Ohio State Chem 1250 Lab Manual Book Review: Unveiling the Power of Words

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