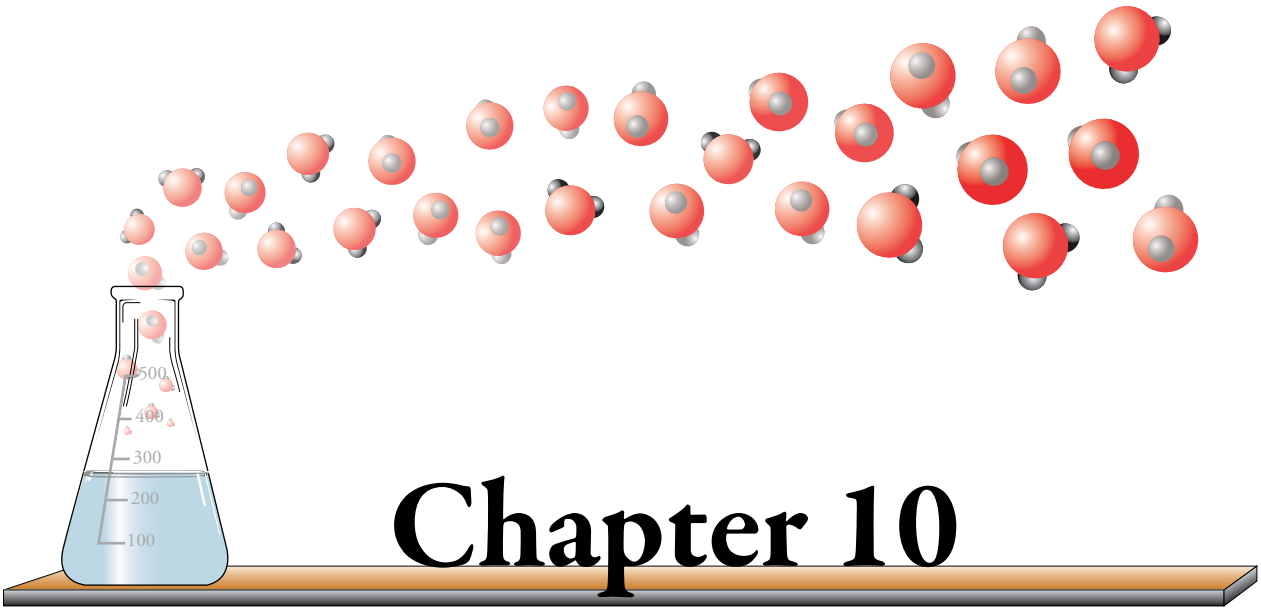
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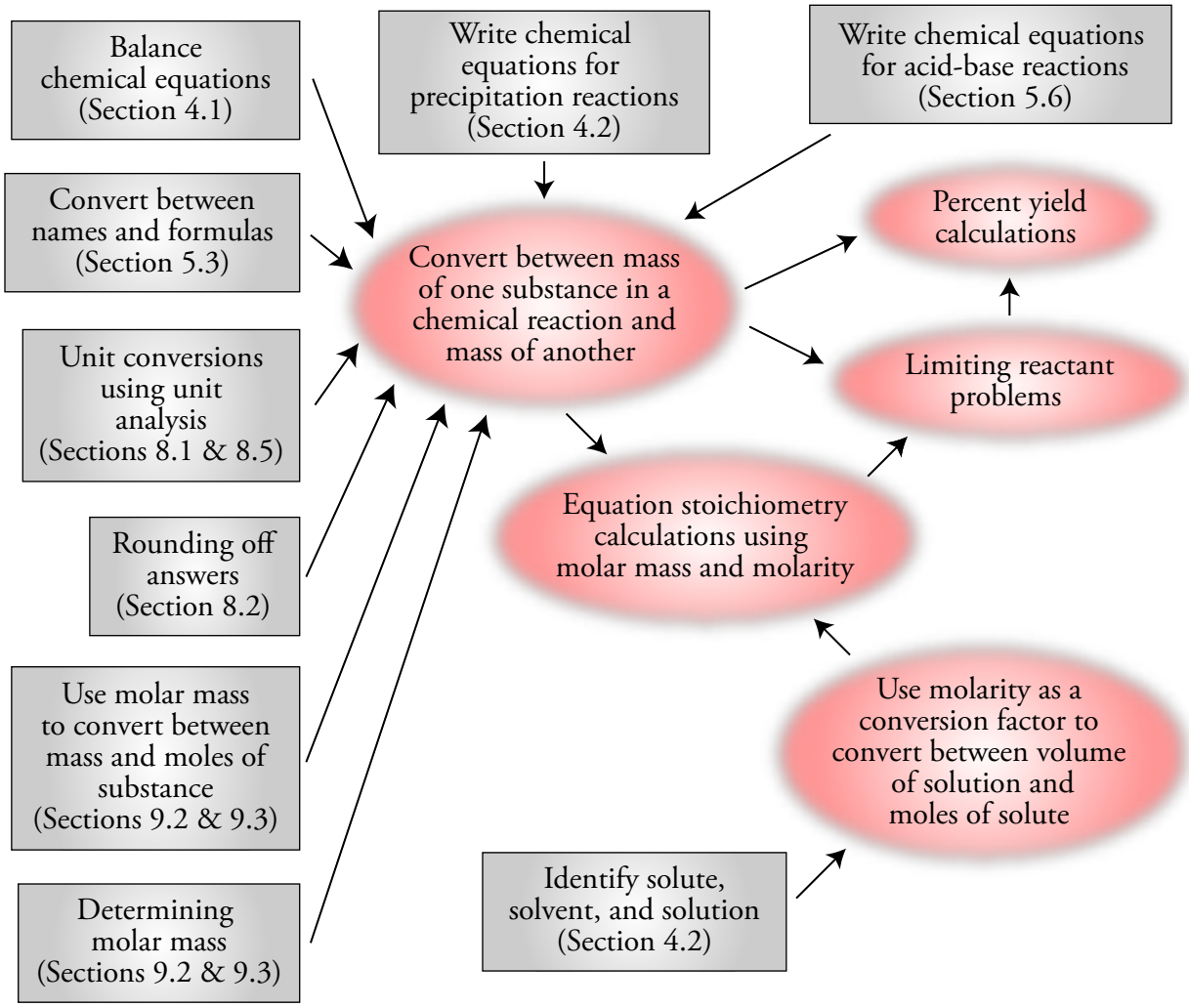
Chapter 10


Balance chemical equations (Section 4.1)
Write chemical equations for precipitation reactions (Section 4.2)
Write chemical equations for acid-base reactions (Section 5.6)
Convert between names and formulas (Section 5.3)
Convert between mass of one substance in a chemical reaction and mass of another
Percent yield calculations
Unit conversions using unit analysis (Sections 8.1 & 8.5)
Limiting reactant problems
Rounding off answers (Section 8.2)
Equation stoichiometry calculations using molar mass and molarity
Use molar mass to convert between mass and moles of substance (Sections 9.2 & 9.3)
Use molarity as a conversion factor to convert between volume of solution and moles of solute
Identify solute, solvent, and solution (Section 4.2)
Determining molar mass (Sections 9.2 & 9.3)