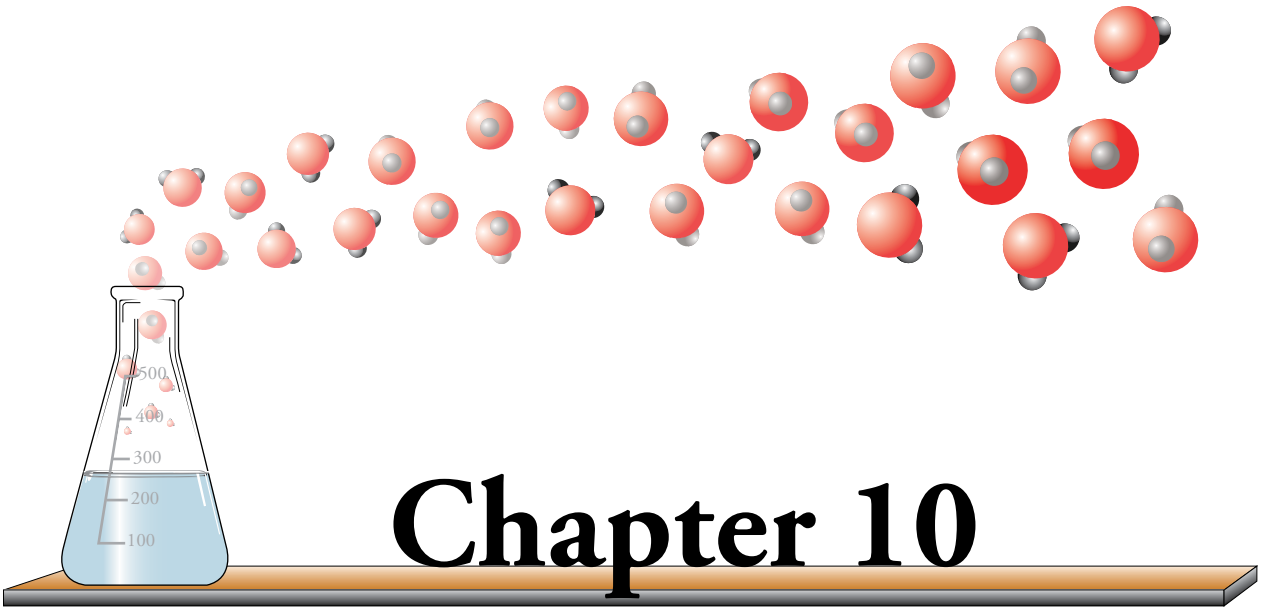
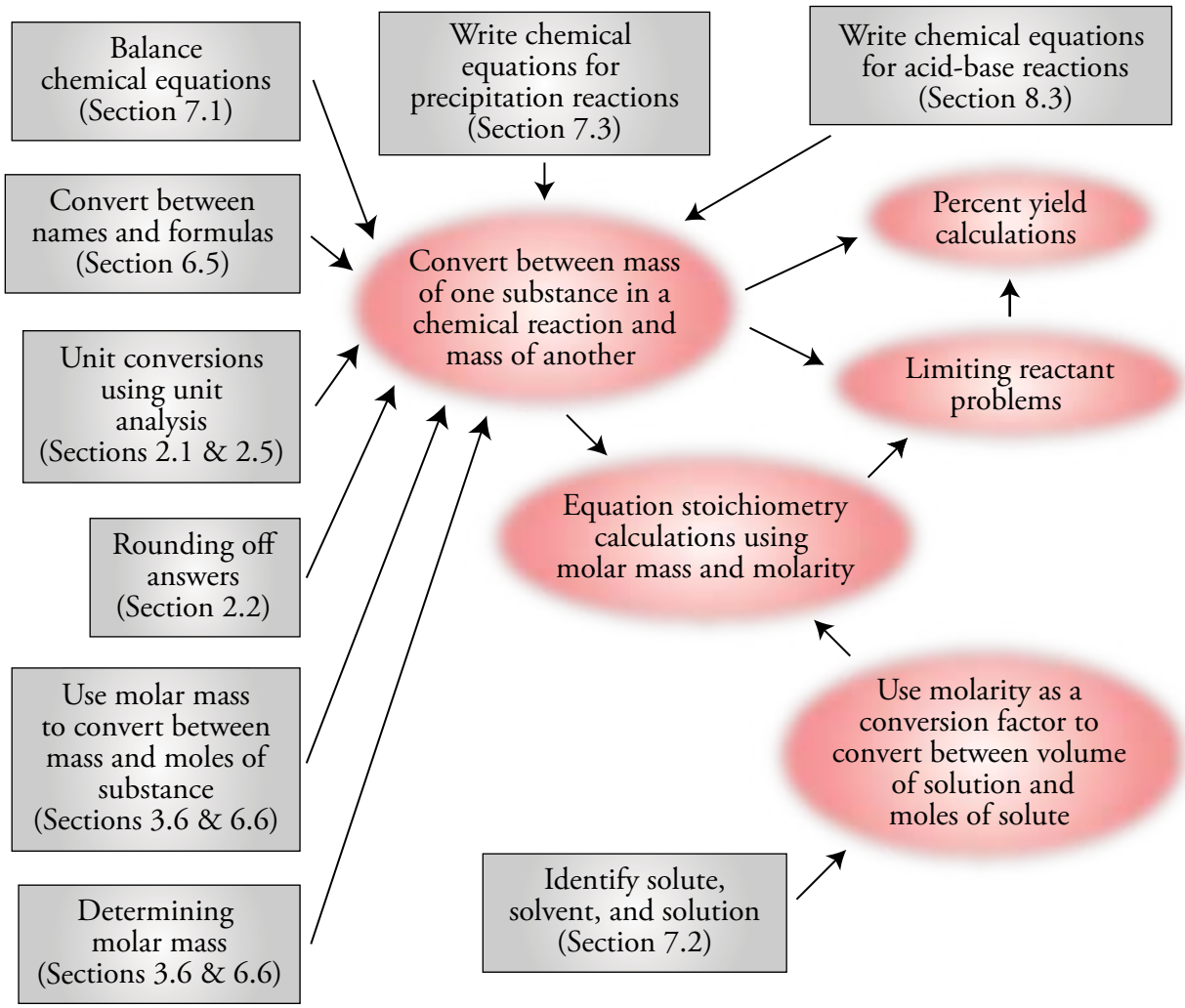


Chapter 10


Balance chemical equations (Section 7.1)
Write chemical equations for precipitation reactions (Section 7.3)
Write chemical equations for acid-base reactions (Section 8.3)
Convert between names and formulas (Section 6.5)
Convert between mass of one substance in a chemical reaction and mass of another
Percent yield calculations
Unit conversions using unit analysis (Sections 2.1 & 2.5)
Limiting reactant problems
Equation stoichiometry calculations using molar mass and molarity
Rounding off answers (Section 2.2)
Use molar mass to convert between mass and moles of substance (Sections 3.6 & 6.6)
Use molarity as a conversion factor to convert between volume of solution and moles of solute
Identify solute, solvent, and solution (Section 7.2)
Determining molar mass (Sections 3.6 & 6.6)