Unit 3: Solutions and Kinetics
AP Chemistry

Section 1- Solutions

Vocabulary Terms to Know:

Solution, solute, solvent, insoluble, soluble, saturated, unsaturated, supersaturated, crystallization, aqueous, miscible, immiscible, electrolytes, nonelectrolytes, dissociation, solvation, hydration, endothermic, exothermic, entropy, Henry's Law, molarity, molality, concentrated, dilute, colligative properties, Raoult's Law, osmosis, colloids, Tyndall Effect

Textbook Practice Problems:


Section 2- Kinetics

Vocabulary Terms to Know:

Kinetics, Collision Theory, activation energy, activated complex, reaction rates, instantaneous rate, differential rate law, reaction order, zero order, first order, second order, integrated rate law, half-life, reaction mechanism, elementary step, molecularity, unimolecular, bimolecular, termolecular, multistep mechanism, intermediate, rate-determining step, catalyst, homogeneous catalyst, heterogeneous catalyst, enzyme

Textbook Practice Problems: