

CHAPTER OVERVIEW

28: Chemical Kinetics I - Rate Laws

- 28.1: The Time Dependence of a Chemical Reaction is Described by a Rate Law
- 28.2: Rate Laws Must Be Determined Experimentally
- 28.3: First-Order Reactions Show an Exponential Decay of Reactant Concentration with Time
- 28.4: Different Rate Laws Predict Different Kinetics
- 28.5: Reactions can also be Reversible
- 28.6: The Rate Constants of a Reversible Reaction Can Be Determined Using Relaxation Techniques
- 28.7: Rate Constants Are Usually Strongly Temperature Dependent
- 28.8: Transition-State Theory Can Be Used to Estimate Reaction Rate Constants
- 28.E: Chemical Kinetics I - Rate Laws (Exercises)

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