

## CHAPTER OVERVIEW

### 8: Chemical Kinetics

*Chemical kinetics* is the study of the speed with which a *chemical* reaction occurs and the factors that affect this speed. This information is especially useful for determining how a reaction occurs.

- [8.1: Reaction Rates](#)
- [8.2: Reaction Order](#)
- [8.3: Molecularity of a Reaction](#)
- [8.4: More Complex Reactions](#)
- [8.5: The Effect of Temperature on Reaction Rates](#)
- [8.6: Potential Energy Surfaces](#)
- [8.7: Theories of Reaction Rates](#)
- [8.8: Isotope Effects in Chemical Reactions](#)
- [8.9: Reactions in Solution](#)
- [8.10: Fast Reactions in Solution](#)
- [8.11: Oscillating Reactions](#)
- [8.E: Chemical Kinetics \(Exercises\)](#)

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