

## Chapter 14 Vocabulary

Activated complex  
Activation energy ( $E_a$ )  
Arrhenius equation  
Bimolecular reaction  
Catalyst  
Catalytic converter  
Collision Theory  
Elementary step  
Enzyme  
First-order reaction  
Half-life  
Heterogeneous catalyst  
Homogeneous catalyst  
Inhibitor  
Intermediate  
Kinetics  
Molecularity of a reaction  
Rate constant  
Rate law  
Rate-determining step  
Reaction mechanism  
Reaction order  
Reaction rate  
Second-order reaction  
Substrate  
Termolecular reaction  
Transition state  
Unimolecular reaction  
Zero-order reaction