



Vocabulary

Define and know the meaning of each of the following terms.

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|-------------------------|--------------------------|------------------------------|--------------------------|-----------------------|
| 1. activated complex | 8. effective collision | 15. heat of formation | 21. reaction coordinate | 28. transition state |
| 2. activation energy | 9. endothermic | 16. heat of reaction | 22. reaction mechanism | complex |
| 3. catalyst | 10. enthalpy | 17. law of chemical | 23. reaction rate | 29. transition theory |
| 4. chemical equilibrium | 11. entropy | equilibrium | 24. reversible reaction | |
| 5. collision theory | 12. equilibrium constant | 18. Le Chatelier's principle | 25. spontaneous reaction | |
| 6. concentration | 13. exothermic | 19. randomness | 26. stress | |
| 7. dynamic equilibrium | 14. equilibrium shift | 20. rate determining step | 27. surface area | |



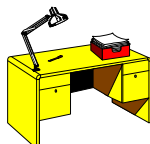
Reading and Study

ASSIGNMENT

SECTIONS

Chapter 9

9.3-9.6



Homework Reading and Questions

READING	REVIEW QUESTIONS/PAGE
HW#42 Read sec 9.3 p. 279-285	Q17-18 p. 302
HW#43 Read sec 9.5 p. 288-293	Q29-33 p. 302
HW#44 Read sec 9.6 p. 294-299	Q34-38 p. 302
HW#45 Read sec 9.4 p. 286-288	Q24, 26-27 p. 302