



Vocabulary

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

- | | | | | |
|-------------------------|--------------------------|---------------------------------|----------------------------|------------------------------|
| 1. activated complex | 8. effective collision | 15. Gibb's free energy | 20. mass-action expression | 26. reversible reaction |
| 2. activation energy | 9. endothermic | 16. heat of formation | 21. randomness | 27. spontaneous reaction |
| 3. catalyst | 10. enthalpy | 17. heat of reaction | 22. rate determining step | 28. stress |
| 4. chemical equilibrium | 11. entropy | 18. law of chemical equilibrium | 23. reaction coordinate | 29. surface area |
| 5. collision theory | 12. equilibrium constant | 19. Le Chatelier's principle | 24. reaction mechanism | 30. transition state complex |
| 6. concentration | 13. exothermic | | 25. reaction rate | 31. transition theory |
| 7. dynamic equilibrium | 14. equilibrium shift | | | |

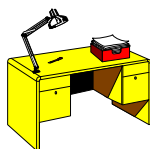


Reading and Study

ASSIGNMENT

SECTIONS

Chapter #22	22.2-22.3
Chapter #23	23.3-23.4
Chapter #16	16.1-16.3



Homework Reading and Questions

READING	QUESTIONS / PAGE
HW#47 Read p. 732-736	Q1 p. 737
HW#48	Q2-3 p. 737
HW#49 Read p. 753-755	Q1-3 p. 755
HW#50 Read p. 756-760	Q1-4 p. 760
HW#51 Read p. 761-765	Q1-3 p. 765
HW#52 Read p. 738-743	Q1-2 p. 743
HW#53 Read p. 535-540	Q1-4 p. 545
HW#54 Read p. 548-555	Q1-3 p. 555
HW#55 Read p. 541-547	Q1-2,4 p. 547