



Vocabulary

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

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|-------------------------|--------------------------|------------------------------|---------------------------|--------------------------|
| 1. activated complex | 8. effective collision | 15. Gibb's free energy | 21. mass-action | 27. reversible reaction |
| 2. activation energy | 9. endothermic | 16. heat of formation | expression | 28. spontaneous reaction |
| 3. catalyst | 10. enthalpy | 17. heat of reaction | 22. randomness | 29. stress |
| 4. chemical equilibrium | 11. entropy | 18. Hess's law | 23. rate determining step | 30. surface area |
| 5. collision theory | 12. equilibrium constant | 19. law of chemical | 24. reaction coordinate | 31. transition state |
| 6. concentration | 13. exothermic | equilibrium | 25. reaction mechanism | complex |
| 7. dynamic equilibrium | 14. equilibrium shift | 20. Le Chatelier's principle | 26. reaction rate | 32. transition theory |



Reading and Study

ASSIGNMENT

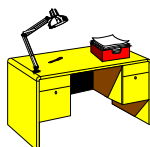
SECTIONS

Chapter #17

17.1-17.4

Chapter #18

18.1-18.4



Homework Reading and Questions

Write down the due date when the homework is assigned. Place a check in the check box when you complete it.

✓	READING	QUESTIONS/PAGE	DUE DATE
<input type="checkbox"/>	HW#55 Read p. 531-534;	Answer question 9 on p. 547	_____
<input type="checkbox"/>	HW#56 Read p. 534-537;	Answer question 4 on p. 537, and question 10 on p. 547	_____
<input type="checkbox"/>	HW#57 Read p. 513-519;	Answer questions 1-3 on p. 524, and question 27 on p. 549	_____
<input type="checkbox"/>	HW#58 Read p. 519-524;	Answer question 4 on p. 524, and questions 21a, 22a, and 23 on p. 548	_____
<input type="checkbox"/>	HW#59 Read p. 526-530;	Answer questions 1-2 on p. 530, and questions 24-25 on p. 548	_____
<input type="checkbox"/>	HW#60 Read p. 538-541;	Answer questions 2-3 on p. 545	_____
<input type="checkbox"/>	HW#61 Read p. 553-555 (top);	Answer question 1 on p. 559, and question 1 on p. 586	_____
<input type="checkbox"/>	HW#62 Read p. 562-568;	Answer questions 1-6 on p. 568	_____
<input type="checkbox"/>	HW#63 Read p. 555-559, and 577-584;	Answer questions 5-7 on p. 559, and questions 1, 5, and 6 on p. 584	_____