



## Vocabulary

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

- |                         |                          |                              |                          |                       |
|-------------------------|--------------------------|------------------------------|--------------------------|-----------------------|
| 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         |                       |

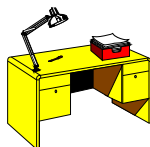


## Reading and Study

**ASSIGNMENT****SECTIONS**

Chapter 9

9.3-9.6



## Homework Reading and Questions

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

✓	READING	REVIEW QUESTIONS/PAGE	DUE DATE
<input type="checkbox"/>	HW#42 Read sec 9.3 p. 279-285	Q17-18 p. 302	_____
<input type="checkbox"/>	HW#43 Read sec 9.5 p. 288-293	Q29-33 p. 302	_____
<input type="checkbox"/>	HW#44 Read sec 9.6 p. 294-299	Q34-38 p. 302	_____
<input type="checkbox"/>	HW#45 Read sec 9.4 p. 286-288	Q24, 26-27 p. 302	_____