

UNIT 6: PHASES OF MATTER



Vocabulary

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

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|---------------------|---------------------------|------------------------------|----------------------------|--------------------------|
| 1. Avogadro's Law | 10. evaporation | 19. ideal gas | 27. normal melting point | 36. standard temperature |
| 2. boiling point | 11. freezing | 20. joule | 28. one atmosphere | 37. STP |
| 3. Boyle's Law | 12. freezing point | 21. Kelvin scale | 29. phase | 38. sublimation |
| 4. Celsius scale | 13. Graham's Law | 22. kilopascal | 30. phase change | 39. temperature |
| 5. Charles' Law | 14. gas | 23. liquid | 31. phase diagram | 40. torr |
| 6. combined gas law | 15. heat | 24. kinetic molecular theory | 32. pressure | 41. vapor |
| 7. condensation | 16. heat of fusion | 25. melting point | 33. solid | 42. vapor pressure |
| 8. deposition | 17. heat of vaporization | 26. normal boiling point | 34. specific heat capacity | 43. water vapor |
| 9. energy | 18. heating/cooling curve | | 35. standard pressure | |

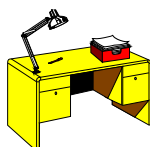


Reading and Study

ASSIGNMENT

SECTIONS

Chapter #10	10.1-10.3
Chapter #11	11.1-11.4
Chapter #12	12.1-12.4



Homework Questions

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

✓	READING	QUESTIONS/PAGE	DUE DATE
☐	HW#44 Read p. 511-514;	Answer question 16 on p. 548	_____
☐	HW#45 -	Answer question 13 on p. 327	_____
☐	HW#46 Read p. 303-306, and 363-371;	Answer questions 1-2 on p. 306, question 3 on p. 366, and question 3 on p. 371	_____
☐	HW#47 Read p. 372-382;	Answer questions 4-7 on p. 382	_____
☐	HW#48 -	Answer question 8 on p. 382, and questions 11 and 13 on p. 388	_____
☐	HW#49 Read p. 333-335;	Answer question 2 on p. 337, and question 2 on p. 357	_____
☐	HW#50 Read p. 308-321 and p. 340-345;	Answer questions 31-34 on p. 328, and questions 16a and 17b on p. 357-358	_____
☐	HW#51 Read p. 347-350;	Answer questions 1-4 on p. 350	_____