



### Vocabulary

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

- |                        |                            |                         |                       |                            |
|------------------------|----------------------------|-------------------------|-----------------------|----------------------------|
| 1. atomic mass unit    | 12. cross-classification   | 23. homogeneous         | 34. nucleus           | 45. shell                  |
| 2. atomic number       | 13. Dalton model           | 24. indivisible sphere  | 35. orbital model     | 46. simple crystallization |
| 3. atomic mass number  | 14. distillation           | 25. inertia             | 36. orbitals          | 47. solute solvent         |
| 4. atomic radius       | 15. electron configuration | 26. isotopes            | 37. periodic law      | 48. staircase              |
| 5. Bohr model          | 16. electron               | 27. matter              | 38. periodic table    | 49. Thomson model          |
| 6. bright line spectra | 17. element                | 28. metallic properties | 39. period            | 50. trends                 |
| 7. cathode rays        | 18. energy level           | 29. metals              | 40. quantized         | 51. valence electrons      |
| 8. cathode             | 19. family                 | 30. mixture             | 41. recrystallization |                            |
| 9. chromatography      | 20. filtration             | 31. neutrons            | 42. relative mass     |                            |
| 10. column             | 21. group                  | 32. noble gases         | 43. row               |                            |
| 11. compounds          | 22. heterogeneous          | 33. nonmetals           | 44. Rutherford model  |                            |



### Reading and Study

#### ASSIGNMENT

#### SECTIONS

Chapter # 3

3.1-3.3



### Homework: Reading and Questions

READING	QUESTIONS / PAGE
• Read p. 72,	Q11 p. 96
• Read p. 73-74,	Q 1 p. 98
• Read p. 75,	Q 4 & 16 p. 98-99
• Read p. 76-77;	Q 13, p. 99
• Read p. 77;	Q 17-18, p. 99
• Read p. 78;	Q9 p. 96, Q 23 p. 99
• Read p.78-79;	Q10 p. 96
• Read p. 80-82	
• Read p. 83-84,	Q7 p.96, Q14-15 p. 97, Q2-3 p. 98, Q20 p. 99
• Read p. 84-85,	Q7-8 p. 98
• Read p. 87-91;	Q6, 8, & 13 p. 96, Q14 p. 98