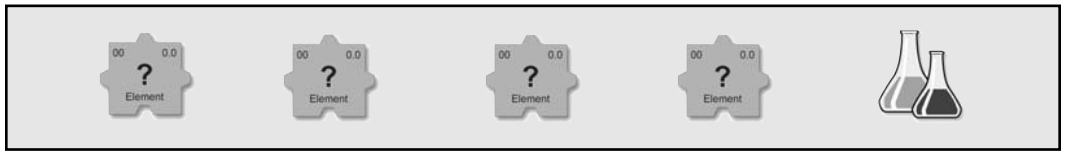
Quiz 7-1 Answer Key



1. (d) valence and atomic weight
2. (a) True
3. (c) period
4. metals
5. vertical column
6. (a) +1
7. (d) –1

8-25. Refer to the Periodic Table of the Elements located on the back cover of your book

26. (b) Joseph von Fraunhofer
27. (a) True
28. temperature
29. (b) use of the spectroscope
30. dispersion
31. (b) differences in the index of refraction for different colors of light
32. (c) constructive and destructive interference of light
33. diffraction gratings
34. (b) False
35. (b) argon in light bulbs
36. (d) sending an electric spark through the air
37. (b) two
38. (c) argon
39. (a) argon
40. (a) helium
41. *He*
42. nitrogen
43. krypton
44. (b) it penetrates haze and fog
45. neon
46. xenon
47. *Rn*
48. radon
49. (b) False
50. (a) True
51. (c) fluorine
52. valence

53 – 60.

Li	Be	B	C	N	O	F	Ne
1	2	3	4	3	2	1	0

61. (c) sodium
62. ionic
63. Water or H_2O
64. *questioning*
65. *accident*
66. *harvest*
67. *study*
68. *impossible*

