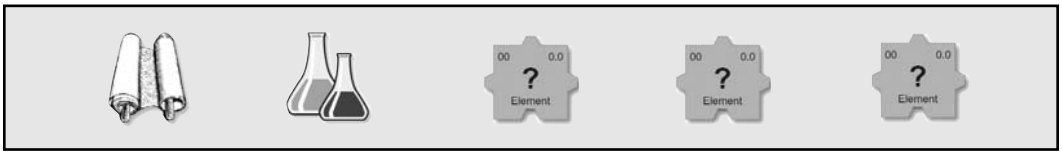
Quiz 5-2 Answer Key



1. volts
2. amperes
3. coulombs
4. ohms
5. (a) increase
6. (a) increase
7. (b) decrease
8. current, voltage, resistance (any order)
9. I = V/R = (6.0 volt) / (16 ohm) = 0.375 amp
10. R = V/I
11. R = (1.5 volt) / (0.5 amp) = 3 ohm
12. (b) potash
13. (c) metals
14. K_2CO_3
15. (b) because of lack of caution around chemicals
16. lithium
17. sodium
18. potassium
19. rubidium
20. cesium
21. francium
22. (a) True
23. salt
24. (a) True
25. (d) sodium and potassium
26. $NaHCO_3$
27. $NaOH$
28. (a) True
29. (a) True
30. (d) water
31. (a) True
32. (b) nitrate
33. spectroscope
34. (b) photoelectric effect
35. (b) False
36. *value*
37. *convinced*
38. *alive*
39. *yourself*
40. *vanish*