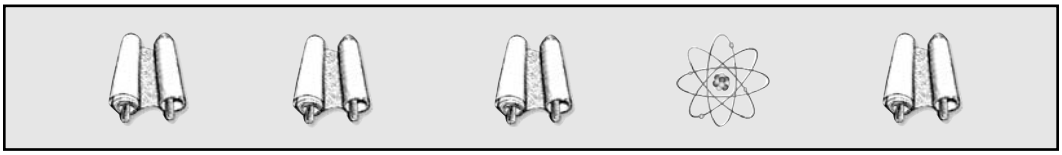
Quiz 4-1 Answer Key



1. (b) False
2. (d) more
3. (d) plastic
4. (b) the amount a solid is deformed is directly proportional to the force being applied
5. six
6. (a) solids and liquids
7. (b) liquids and gases
8. (d) solid
9. (c) gas
10. (c) cohesion
11. (b) False
12. (b) False
13. (d) adhesion
14. (b) capillary action
15. (c) mass divided by volume
16. Osmium
17. (a) True
18. (b) pressure
19. (d) to the surface of the liquid
20. (a) resist a greater pressure from the water
21. (a) True
22. (c) at the earth's surface
23. (b) False
24. (a) True
25. (a) True
26. (b) fluids in motion
27. (c) Pascal's Principle
28. (area of load piston)/(area of effort piston)
29. (a) True
30. (a) lower
31. (d) upward
32. (d) the lifting force on a solid object immersed in a fluid is equal to the weight of the fluid displaced
33. (a) True
34. 17
35. (b) False
36. *door*
37. *triumph*
38. *praise*
39. *everything*
40. *limits*