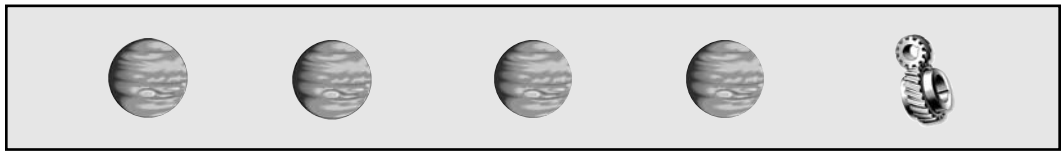
# *Quiz 4-3 Answer Key*



1. _c_ Neptune
2. _e_ Pluto
3. _b_ Uranus
4. _a_ Saturn
5. _f_ Neptune and Uranus
6. _d_ Uranus and Venus
7. _g_ Pluto and Neptune
8. method
9. truth
10. empirical
11. red
12. correctly
13. orbit
14. Color, temperature
15. magnitude
16. Sirius
17. (c) The universe resulted from purposeful, intelligent planning
18. (b) Big Bang Theory
19. (b) the universe began by chance with simple life forms becoming more complex over time
20. (a) the universe is now as it was in the very beginning except that it has aged
21. (c) intelligent design
22. (c) matter/energy cannot be created or destroyed, but can only change form
23. (b) things left to themselves deteriorate or progress from complex to simpler forms
24. (b) constellation
25. (c) light-years
26. (c) all molecules stop vibrating
27. (a) True
28. (b) False
29. (b) False
30. (a) True
31. (b) False
32. (a) True
33. *stars*
34. *strange*
35. *affects*
36. *little*
37. *disbelief*
38. Pluto
39. Mercury
40. Jupiter
41. Venus, Earth and Uranus, Neptune
42. Earth
43. Uranus
44. 17 hours, 14 minutes
45. 49,528 km
46. Uranus
47. Neptune


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