Chapter 9 Test Key

1. (c) year
2. (b) equinox
3. (a) almanac
4. (b) False
5. before Christ
6. (a) day
7. (b) catch and release gears
8. smaller
9. kilogram
10. length
11. second
12. (a) latitude
13. (b) Greenwich, England
14. 15
15. (b) chronometer
16. (b) quartz crystal
17. acoustics
18. (a) frequency
19. (a) amplitude
20. (a) True
21. loudness
22. (b) illusion of motion in motion pictures
23. (b) Doppler effect
24. (a) higher
25. (a) higher
26. Doppler
27. (b) compress and expand
28. (a) P
29. epicenter
30. Richter
31. (c) rectified
32. LED
33. Morse
34. (a) amplify
35. (b) light
36. Demodulation
37. (d) Silicon
38. (b) extra
39. (a) too few
40. transistor or triode
41. (c) series
42. (d) reduces
43. series
44. parallel
45. (c) Motivating people to get them to do what you want them to do is an art.
46. (b) Being a genius mostly has to do with hard work.
47. (a) The law of cause and effect dictates that those who invest the most will get the most in return for their efforts.
48. (c) Like a teakettle full of hot water (problems), we can still be cheerful—even when the heat is on.
49. (b) In the real world, work always precedes success.
50. (c) Few people become successful alone; they are fueled (encouraged and helped) along the way by others who believe in them.

