Chapter 6 Test Key

1. 3,897
2. 440
3. 619.25
4. 2916
5. 4096
6. 40,960,000
7. 8
8. 2
9. 185,193
10. $15,712.50
11. $2,550.00
12. $11,700.00
13. c
14. d
15. a
16. e
17. b
18. 30.8 sq in.
19. 14,657,414.68 sq miles
20. 5.5433×10^{5}
21. 2.133×10^{13}
22. 3.75×10^{4}
23. 8.75×10^{-26}
24. 5.3682×10^{10}
25. 1.944×10^{3}
26. 173.64 miles
27. 43.875
28. 21
29. none
30. 190
31. 275.5956
32. 82.296
33. 15.24
34. 8.333333333
35. 22.45596279 km/hr
36. 432
37. 16.4516129
38. 93.5
39. 14,195.0 liters
40. 18,877,897.73
41. 25,353.1645
42. 210, .4629707506
43. (a) $\frac{5}{9}(F - 32)$
44.(b) $\frac{9}{5}C + 32$
45. (a) $273.16 + C$
46. -128.89
47. 122
48. 408.16
49. -203.16
50. 7
51. 1
52. 2
53. -6
54. b
55. a
56. a
57. c
58. b

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