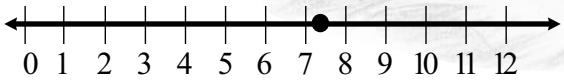
Chapter 5 Test Key

1. 48.26 cm
2. 18.6
3. 1,500 meters
4. 14 metric tons
5. (c) 2.1336
6. 17.78
7. (d) 15.525 miles
8. 8.23
9. (d) 84.95 liters
10. (b) 1.06 gallons
11. 32.78
12. 21
13. 7.57
14. 998.8
15. 44
16. .35
17. (d) 18,144 kg
18. C
19. C
20. P
21. C
22. 7×7
23. $2 \times 2 \times 2 \times 2 \times 3$
24. (a) 3, 5, 3, 5
25. increasing
26. 11; 5; 5; 21
27. 5.5; 6; 5.5; 9
28. ten
29. $^1/_{100}$ (or .01)
30. 1,000,000
31. (a) 2.98×10^{12}
32. 9.876543×10^4
33. 3.521×10^1
34. 2.52710×10^5
35. 4.5444×10^6
36. 0
37. 9.6×10^9
38. (d) 3×10^8
39. (b) 1.06×10^3
40. 16
41.



42. (d) none of answers
43. (c) 3,000 miles
44. $I = Prt$
45. $270.00
46. $525.00
47. (a) $^9/_5C + 32$
48. (b) $^5/_9(F - 32)$
49. $-30°C$
50. (c) When trying to decide on a course of action, strictly evaluate all possible factors.
51. (b) A person who achieves greatness does not follow the crowd. His lifestyle is above mediocrity.
52. (a) Make the best of the not-so-sweet things in life.
53. (c) One who befriends another in time of that person's need is a true friend.

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