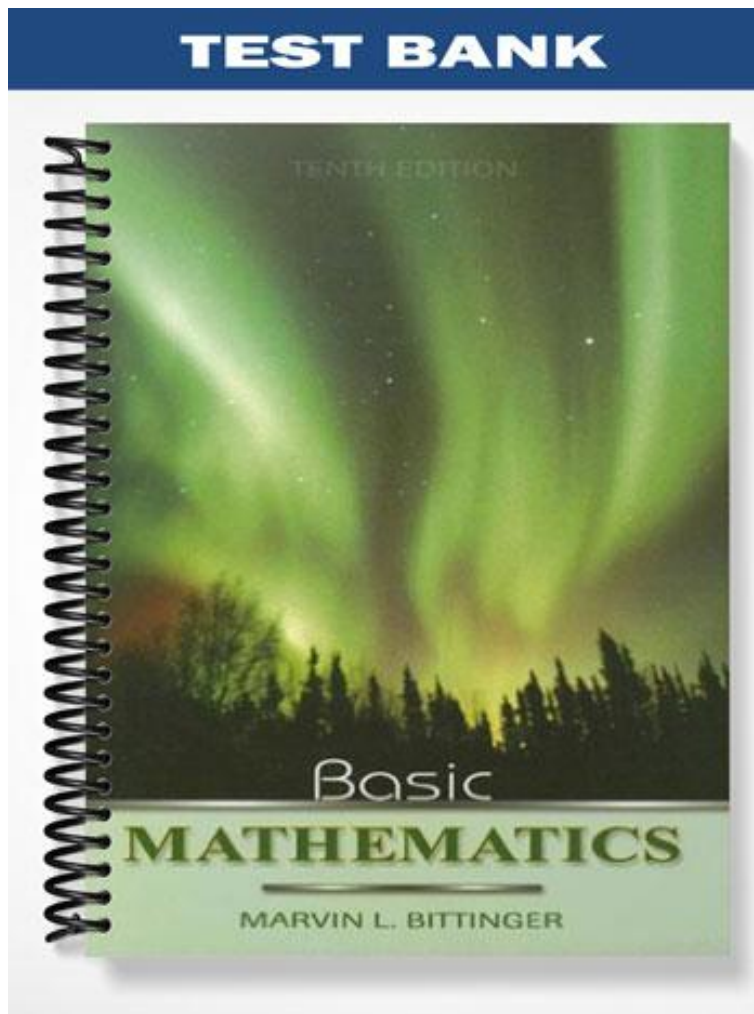


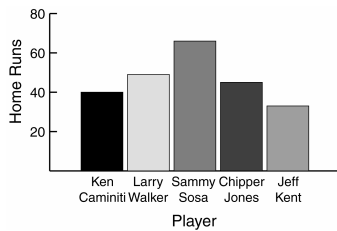
TEST BANK



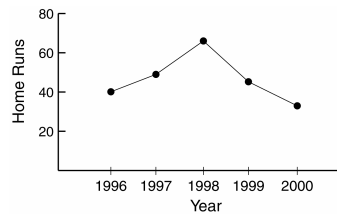
ANSWER KEY FOR DIAGNOSTIC TEST

1. 7245 2. 5349 3. 26,520 4. 548 R 11 5. 10 6. 54 7. 68 8. Jackie ran 13 mi farther. 9. = 10. $\frac{2}{9}$ 11. 36 12. 64 13. $\frac{3}{2}$ 14. 50 15. 45 test tubes 16. $\frac{29}{30}$
17. $\frac{1}{3}$ 18. 6 19. $7\frac{1}{9}$ 20. $13\frac{3}{5}$ 21. $5\frac{5}{18}$ 22. $\frac{7}{12}$ 23. $4\frac{1}{4}$ lb 24. 112.717
25. 66.73 26. 1.5152 27. 64.8 28. 12.645 29. 1941.43 30. 201.4 31. \$1.23
32. $\frac{3}{4}$ 33. No 34. 25.5 mpg 35. 17.9 ¢/oz; 17.3 ¢/oz; 15-oz package 36. 46.875
37. 9.6 min, or 9 min 36 sec 38. 25 ft 39. 31.5% 40. 112.5% 41. 0.63 42. $\frac{2}{5}$
43. \$35,000 44. 5% 45. \$7.50 46. \$1866.24 47. (a) 19.83; (b) 19; (c) 18, 25
48. Sammy Sosa

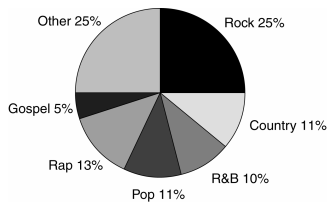
49.



50.



51.



52. 72 53. 0.047 54. 20.32 55. 9740 56. 160 57. 0.456 58. 24 59. 192
60. 10°C 61. Perimeter: 8 ft; area: 3.64 ft² 62. 18 m² 63. $22\frac{1}{2}$ in² 64. 5 cm
65. 31.4 cm 66. 78.5 cm² 67. 480 mm³ 68. 942 in³ 69. 35° 70. (a) scalene; (b) obtuse
71. 11 72. $b = \sqrt{91}$; $b \approx 9.539$ 73. > 74. 16 75. -22 76. -2.27
77. -8 78. $-\frac{5}{6}$ 79. 4 80. 3 81. 103° 82. $-6a + 12b$ 83. $3(2x - y + 5)$
84. $10x - y - 4$ 85. -4 86. 2.5 87. -8 88. $\frac{62}{3}$ 89. $2x - 6$ 90. Width: 10.5 in.; length: 12.5 in.

