

Chapter 4

Chapter 4 Vocabulary Check 1. decimal 2. numerator; denominator 3. vertically 4. and 5. sum 6. circumference 7. standard form
8. circumference; diameter 9. difference 10. quotient 11. product 12. sum

Chapter 4 Review 1. tenths 2. hundred-thousandths 3. forty-five hundredths 4. three hundred forty-five hundred-thousandths
5. one hundred nine and twenty-three hundredths 6. forty-six and seven thousandths 7. 2.15 8. 503.102 9. $\frac{4}{25}$ 10. $12\frac{23}{1000}$ 11. $1\frac{9}{2000}$
12. $25\frac{1}{4}$ 13. 0.9 14. 0.25 15. 0.045 16. 26.1 17. > 18. = 19. 0.92, 8.09, 8.6 20. 0.09, 0.091, 0.1 21. 0.6 22. 0.94 23. \$0.26 24. \$12.46
25. \$31,304 26. $10\frac{3}{4}$ 27. 9.52 28. 2.7 29. 7.28 30. 26.007 31. 459.7 32. 100.278 33. 65.02 34. 189.98 35. 52.6 mi 36. \$2.44 37. 22.2 in.
38. 38.9 ft 39. 18.5 40. 54.6 41. 72 42. 9345 43. 9.246 44. 3406.446 45. 14π m, 43.96 m 46. 63.8 mi 47. 887,000,000 48. 600,000
49. 0.0877 50. 15.825 51. 70 52. 0.21 53. 8.059 54. 30.4 55. 0.0267 56. 9.3 57. 7.3 m 58. 45 mo 59. 16.94 60. 3.89 61. 129 62. 55

63. 0.81 64. 7.26 65. 0.8 66. 0.923 67. $2\bar{3}$ or 2.333 68. $0.21\bar{6}$ or 0.217 69. = 70. = 71. < 72. < 73. 0.837, 0.839, $\frac{17}{20}$ 74. $\frac{19}{12}$, 1.63, $\frac{18}{11}$
75. 6.9 sq ft 76. 5.46 sq in. 77. two hundred and thirty-two ten-thousandths 78. 16,025.014 79. $\frac{231}{100,000}$ 80. $0.75\frac{6}{7}, \frac{8}{9}$ 81. 0.07 82. 0.1125
83. 51.057 84. > 85. < 86. < 87. 42.90 88. 16.349 89. \$123 90. \$3646 91. 1.7 92. 2.49 93. 320.312 94. 148.74236 95. 8.128
96. 7.245 97. 4900 98. 23.904 99. 9600 sq ft 100. yes 101. 0.1024 102. 3.6

Cumulative Review 1. one hundred six million, fifty-two thousand, four hundred forty-seven (Sec. 1.2, Ex. 7) 2. 276,004 3. 98,638 (Sec. 1.3, Ex. 7)
4. 288 5. 726 (Sec. 1.4, Ex. 4) 6. 200 7. 2300 (Sec. 1.5, Ex. 4) 8. 84 9. 57,600 megabytes (Sec. 1.6, Ex. 11) 10. perimeter: 28 ft; area: 49 sq ft
11. 401 R 2 (Sec. 1.7, Ex. 8) 12. $\frac{21}{8}$ 13. 47 (Sec. 1.9, Ex. 15) 14. $12\frac{4}{5}$ 15. numerator: 3; denominator: 7 (Sec. 2.1, Ex. 1) 16. 9
17. $\frac{1}{10}$ (Sec. 2.3, Ex. 6) 18. 17 19. $\frac{15}{1}$ or 15 (Sec. 2.4, Ex. 9) 20. 13 21. $\frac{63}{16}$ (Sec. 2.5, Ex. 5) 22. 128 23. $\frac{15}{4}$ or $3\frac{3}{4}$ (Sec. 2.4, Ex. 10) 24. \$9
25. $\frac{3}{20}$ (Sec. 2.5, Ex. 8) 26. $\frac{27}{20}$ or $1\frac{7}{20}$ 27. $\frac{7}{9}$ (Sec. 3.1, Ex. 4) 28. $\frac{2}{5}$ 29. $\frac{1}{4}$ (Sec. 3.1, Ex. 5) 30. $\frac{2}{5}$ 31. $\frac{15}{20}$ (Sec. 3.2, Ex. 8) 32. $\frac{35}{45}$
33. $\frac{13}{30}$ (Sec. 3.3, Ex. 2) 34. $\frac{1}{90}$ 35. $4\frac{7}{40}$ lb (Sec. 3.4, Ex. 7) 36. $27\frac{3}{4}$ lb 37. $\frac{1}{16}$ (Sec. 3.5, Ex. 3) 38. $\frac{49}{121}$ 39. $\frac{3}{256}$ (Sec. 3.5, Ex. 5) 40. $\frac{2}{81}$
41. $\frac{43}{100}$ (Sec. 4.1, Ex. 8) 42. 0.75 43. > (Sec. 4.2, Ex. 1) 44. 5.06 45. 11.568 (Sec. 4.3, Ex. 4) 46. 75.329 47. 2370.2 (Sec. 4.4, Ex. 6)
48. 0.119 49. 768.05 (Sec. 4.4, Ex. 9) 50. 8.9