

Chapter 5 Review Exercise Answers

1. decimal
2. thousandths
3. whole number
4. dividend
5. Seventy
6. Seven hundredths
7. Seven tenths
8. Seven thousandths
9. Seventeen thousandths
10. Three hundredths
11. Forty and six tenths
12. two hundred and five hundredths
13. Six thousandths
14. five hundred nine and one tenth
15. $\frac{23}{100}$ and 0.23
16. $4\frac{4}{10}$ and 4.4
17. $50\frac{8}{100}$ and 50.08
18. $\frac{76}{1000}$ and 0.076
19. $\frac{12}{1000}$ and 0.012
20. $16\frac{1}{10}$ and 16.1
21. 0.72
22. 0.03
23. 5.7
24. 0.008
25. $\frac{38}{100}$
26. $\frac{12}{10}$ or $1\frac{2}{10}$
27. $\frac{1}{100}$
28. $\frac{208}{100}$ or $2\frac{8}{100}$
29. $1.\overline{5}$
30. $2.61\overline{4}$
31. $0.\overline{23}$
32. 0.512512512...
33. 2.3888...
34. 4.0167167167...
35. 138.7
36. 1.52
37. 27.0
38. 3.52
39. 1.500
40. 24.0
41. \$1.59
42. \$28.79
43. \$0.40
44. \$12.00
45. \$8.90
46. \$3.60
47. \$1.30
48. \$25.00
49. \$128
50. \$50
51. \$268
52. \$1,600
53. Mariko calculated her GPA to be 3.49.
54. Julia's average daily electricity usage for March was 7.036 kilowatt-hours.
55. 1.621
56. 1.135
57. 8.4
58. $3.80 = 3.8$
59. 7.08
60. 1.205
61. 21.631
62. 21.517

- 63.** The total weight of the four bags of candy was 4.617 pounds.
- 64.** Samantha paid \$66.86 in postage.
- 65.** 1.54 **66.** 5.36 **67.** 0.69 **68.** 2.619
- 69.** 4.4 **70.** 7.8 **71.** 1.72 **72.** 1.051
- 73.** Benjou is 0.27 meters taller than Malik. **74.** Jenny received \$13.16.
- 75.** The perimeter is 5.475 feet. **76.** The length is 2.31 yards.
- 77.** 0.12 **78.** 0.072 **79.** 3 **80.** 0.006
- 81.** 8.4 **82.** 0.438 **83.** 4.2 **84.** 14
- 85.** 24 **86.** 0.1134 **87.** 305.52 **88.** 45.27
- 89.** 83 **90.** 141.2 **91.** 291 **92.** 370
- 93.** 80.4 **94.** 1,691 **95.** 89 **96.** 50
- 97.** Carlos must pay a total of \$67.50 for the necklace.
- 98.** Jamal must pay a total of \$1,290.00 for the TV.
- 99.** 0.8 **100.** 6.65 **101.** 0.1825 **102.** $2.61\overline{6}$
- 103.** $5.\overline{7}$ **104.** $0.5\overline{63}$ **105.** 7.2 **106.** $0.070\overline{6}$
- 107.** $35.2\overline{6}$ **108.** 0.056
- 109.** 0.8 **110.** $0.\overline{7}$ **111.** $0.\overline{72}$ **112.** 0.125
- 113.** $0.1\overline{6}$ **114.** 0.3125 **115.** 0.52 **116.** $0.\overline{270}$
- 117.** Wes earns \$52.50 for a 6-hour shift.
- 118.** Sunil earned, on average, \$16.96 per hour.
- 119.** The area of the rec room is 2,087.5 square feet.
- 120.** The circumference of the snare drum is about 40.8 inches.

- 121.** The price of each battery was \$0.86.
- 122.** Ruben's truck can travel 328.3 miles on a full tank of gas.
- 123.** Carmen's average walking rate was 3.8 miles per hour.
- 124.** Tom and Margaret will pay \$156.05 each month.