

2.5 Exercises

Tell the hundredths digit in each decimal.

1. 24.012 2. 6.204 3. 231.679 4. 3.298

Write what each digit means.

5. 0.165
6. 0.208
7. 0.149

Tell what each boldfaced digit means.

8. **3**4.241 9. 4.**3**461
10. 0.**1**296 11. **2**4.14

Compare. Use $<$, $>$, or $=$.

12. 15.099 \square 15.11 13. 12.5640 \square 12.56
14. 7.1498 \square 7.2 15. 0.684 \square 0.694

List in order from least to greatest.

16. 0.909, 0.090, 0.90, 0.999
17. 8.822, 8.288, 8.282, 8.812
18. 6.85, 0.68, 0.685, 68.5

Round each decimal to the indicated place value.

19. 1.6432; thousandths
20. 48.098; hundredths
21. 3.86739; ten-thousandths
22. Four ice skaters are in a competition in which the highest possible score is 10.0. Three of the skaters have completed their performances, and their scores are 9.61, 9.65, and 9.60. What score, rounded to the nearest hundredth, must the last skater get in order to win the competition?
23. The Morales family traveled 45.66 mi on Saturday, 45.06 mi on Sunday, and 45.65 mi on Monday. On which day did they travel farthest?

2.6 Exercises

Estimate each sum or difference.

1. $3.24 + 1.06$

2. $6.09 - 3.7$

3. $8.445 + 0.92$

4. $3.972 + 4.124$

5. $11.92 - 8.0014$

Add.

6. $234.1 + 4.92$

7. $65.11 + 22.64$

8. $\$11.19 + \228.16

9. $7.0325 + 0.81$

10. $1.8 + 4 + 2.6473$

Subtract.

11. $22 - 11.788$

12. $42.108 - 0.843$

13. $386.1 - 2.94$

14. $52.12 - 18.666$

15. $12.65 - 3.0045$

Multiply.

16. 0.7×6.633

17. 12.6×33.44

18. 0.14×0.02

19. 49.32×0.6484

20. 0.57×0.91

Divide.

21. $43.68 \div 5.2$

22. $6.552 \div 9.1$

23. $65.026 \div 0.82$

24. $2.175 \div 2.9$

Divide. Round the quotient to the nearest hundredth.

25. $18.47 \div 5.96$

26. $18.6 \div 2.8$

27. $82.3 \div 8.76$

28. $63.7 \div 7.6$

29. Bananas at the Quick Stop Market cost \$0.49 per lb. Find the cost of 4.6 lb of bananas. Round your answer to the nearest cent.

30. How much change would you get from a \$50 bill if you bought two \$14.95 shirts?