



Multiplying and Dividing Decimals

Vocabulary

Fill in the blanks.

Use the words in the box.

1. When a whole number is _____, each digit of the number moves 1 place to the left in the place-value chart.
2. When a whole number is _____, each digit of the number moves 3 places to the right in the place-value chart.
3. Use _____ to check if the answer from a calculation is reasonable.

estimation
multiplied by 10
divided by 1,000

Concepts and Skills

Multiply.

4. 37×10

5. 136×100

6. $85 \times 1,000$

7. 92×30

8. 381×500

9. $76 \times 8,000$

Name: _____

Date: _____

Divide.

10. $6,400 \div 10$

11. $3,900 \div 100$

12. $8,000 \div 1,000$

13. $540 \div 90$

14. $6,300 \div 700$

15. $72,000 \div 8,000$

Estimate.

16. Estimate the product of 623 and 59.

17. Estimate the quotient of 9,842 and 36.

Problem Solving

Solve. Show your work.

- 18.** A box of buttons costs \$7.65. A piece of fabric costs \$16.25 more than the box of buttons. Suzanne bought the box of buttons and the piece of fabric. She gave the cashier \$50.
- What is the total amount Suzanne paid for the items?
 - How much change did she get?
- 19.** There are 208 rows of roses. Mr. Thomas plants 50 roses in each row.
- How many roses are there in all?
 - Mr. Thomas harvests the roses and packs them into boxes. He packs 20 roses into each box. How many boxes does he need?