



Section B: Lessons 2-7 through 2-11 Review

Do You Know How?



Investigating Decimal Patterns (2-7)

Find each product. Use mental math.

1. 10×3.69
2. 0.204×100
3. 0.06×10
4. $1,000 \times 17.55$
5. 100×412.3
6. $5.8 \times 1,000$

Do You Understand?



- A Tell how you found each product.
- B Why did you need to write extra zeros after the number before placing the decimal point in Exercise 6?

Estimating Decimal Products (2-8)

Estimate each product.

7. 4.3×6
8. 7.06×18.1
9. 3×9.17
10. 0.89×56.6
11. 107.4×65
12. 44.51×72.3

- C Tell how you found the estimates in Exercises 11 and 12.
- D Describe two ways to estimate the product in Exercise 9.

Multiplying Whole Numbers and Decimals (2-9)

Find each product.

13. 1.7×4
14. 3×7.8
15. 2×0.02
16. 9.54×67
17. 0.005×9
18. 6.004×53

- E Tell how you found the products in Exercises 15 and 16.
- F If you multiplied 0.007 by 203, how many decimal places would be in the product? Explain.

Using Grids to Multiply Decimals by Decimals (2-10)

Multiplying Decimals by Decimals (2-11)

Find each product.

19. 0.6×0.9
20. 7.8×0.56
21. 0.07×6.92
22. 0.3×0.1

- G Tell how you found the products in Exercises 21 and 22.
- H Does 4,094.28 seem reasonable for the product 9.18×44.6 ? Explain.