

# REVIEW: Multiplying Decimals

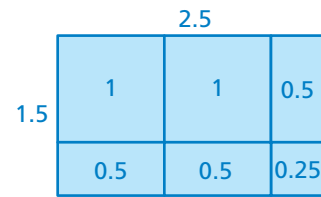
Name \_\_\_\_\_

## Key Concept and Vocabulary

$$\begin{array}{r}
 2.15 \leftarrow 2 \text{ decimal places} \\
 \times 3.2 \leftarrow + 1 \text{ decimal place} \\
 \hline
 430 \\
 645 \\
 \hline
 6.880 \leftarrow 3 \text{ decimal places}
 \end{array}$$



## Visual Model



Area =  $2.5 \times 1.5 = 3.75$

## Skill Examples

$$\begin{array}{r}
 1. \quad 43.8 \\
 \times 1.5 \\
 \hline
 2190 \\
 438 \\
 \hline
 65.70
 \end{array}$$

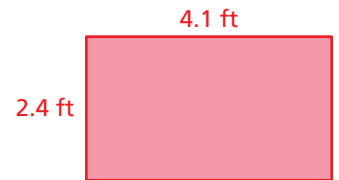
$$\begin{array}{r}
 2. \quad 0.327 \\
 \times 24 \\
 \hline
 1308 \\
 654 \\
 \hline
 7.848
 \end{array}$$

$$\begin{array}{r}
 3. \quad 32.5 \\
 \times 1.13 \\
 \hline
 975 \\
 325 \\
 \hline
 36.725
 \end{array}$$

## Application Example

4. Find the area of the rectangle.

$2.4 \times 4.1 = 9.84$



••• The area is 9.84 square feet.



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

Find the product.

5.  $3.02 \times 5.2 =$  \_\_\_\_\_

6.  $1.75 \times 1 =$  \_\_\_\_\_

7.  $(9.004)(0) =$  \_\_\_\_\_

8.  $(4.05)^2 =$  \_\_\_\_\_

9.  $2.25 \times 4 =$  \_\_\_\_\_

10.  $(100.5)(90) =$  \_\_\_\_\_

11.  $19.4 \times 5.05 =$  \_\_\_\_\_

12.  $(1.2)(1.3)(1.4) =$  \_\_\_\_\_

13.  $115 \times 3.2 =$  \_\_\_\_\_

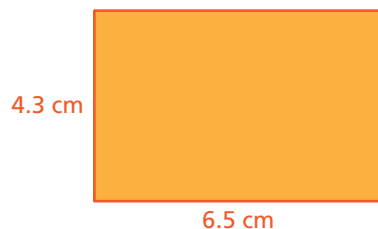
14.  $16(0.375) =$  \_\_\_\_\_

15.  $(2.347)(1.8) =$  \_\_\_\_\_

16.  $(1.5)^3 =$  \_\_\_\_\_

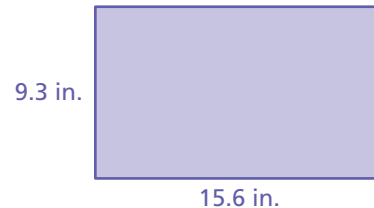
Find the area of the rectangle.

17.



Area = \_\_\_\_\_

18.



Area = \_\_\_\_\_

19. **APPLES** Apples cost \$3.45 per pound. Find the cost of 2.6 pounds of apples. \_\_\_\_\_

20. **PEACHES** Peaches cost \$4.29 per pound. Find the cost of two and a quarter pounds of peaches. Show your work. \_\_\_\_\_