

# REVIEW: Multiplying Decimals

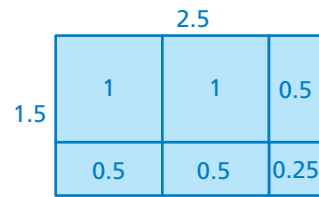
Name \_\_\_\_\_

## 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

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

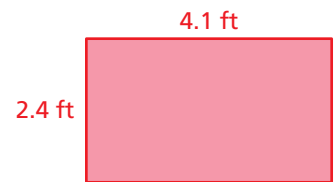
2. 
$$\begin{array}{r} 0.327 \\ \times 24 \\ \hline 1308 \\ 654 \\ \hline 7.848 \end{array}$$

3. 
$$\begin{array}{r} 32.5 \\ \times 1.13 \\ \hline 975 \\ 325 \\ \hline 325 \\ 36725 \end{array}$$

## Application Example

4. Find the area of the rectangle.

$2.4 \times 4.1 = 9.84$



••• The area is 9.84 square feet.

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

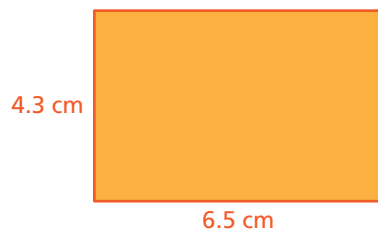
14.  $16(0.375) =$  \_\_\_\_\_

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

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

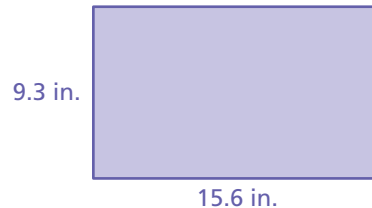
Find the area of the rectangle.

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. \_\_\_\_\_