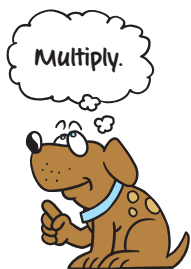


REVIEW: Multiplying Decimals

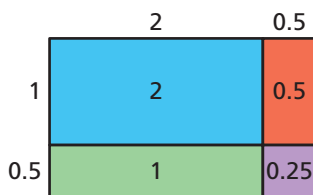
Name _____

Key Concept and Vocabulary

2.15 ← 2 decimal places
 $\times 3.2$ ← + 1 decimal place
 430
 645
 6880 ← 3 decimal places



Visual Model



$$\begin{aligned}
 \text{Area} &= 2.5 \times 1.5 \\
 &= 0.25 + 0.5 + 1 + 2 \\
 &= 3.75
 \end{aligned}$$

Skill Examples

1. 43.8
 $\times 1.5$
 2190
 438
 6570

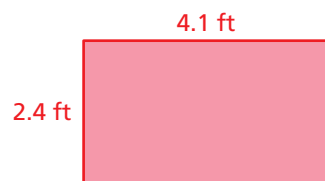
2. 0.32
 $\times 24$
 128
 64
 7.68

3. 32.5
 $\times 1.13$
 975
 325
 36725

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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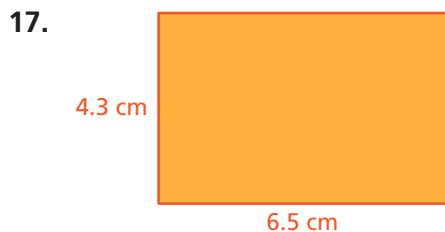


Check your answers at BigIdeasMath.com.

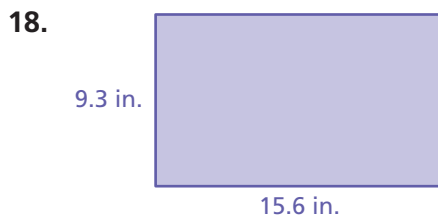
Find the product.

- | | | |
|--------------------------------|-------------------------------|-------------------------------|
| 5. $3.02 \times 5.2 =$ _____ | 6. $1.75 \times 1 =$ _____ | 7. $9.004 \times 0 =$ _____ |
| 8. $4.5 \times 4.5 =$ _____ | 9. $2.25 \times 4 =$ _____ | 10. $10.5 \times 90 =$ _____ |
| 11. $19.4 \times 5.05 =$ _____ | 12. $1.56 \times 1.4 =$ _____ | 13. $3.5 \times 9.7 =$ _____ |
| 14. $1.6 \times 3.75 =$ _____ | 15. $2.34 \times 1.8 =$ _____ | 16. $1.15 \times 3.2 =$ _____ |

Find the area of the rectangle.



Area = _____



Area = _____

19. **APPLES** Apples cost \$3.45 per pound. Find the cost of 2.6 pounds of apples. _____
20. **PEACHES** Peaches cost \$4.28 per pound. Find the cost of two and a quarter pounds of peaches. Show your work. _____