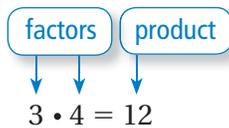


REVIEW: Multiplying Whole Numbers

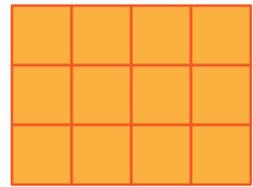
Name _____

Key Concept and Vocabulary



Visual Model

A rectangle that is 3 units by 4 units has an area of 12 square units.



$$\begin{aligned} \text{Area} &= 3 \times 4 \\ &= 12 \text{ square units} \end{aligned}$$

Skill Examples

- $6 \cdot 7 = 42$
- $0 \times 5 = 0$
- $8 \cdot 1 = 8$
- $(9)(12) = 108$
- $15 \times 20 = 300$

Application Example

- Find the area of a rectangular lot that is 20 yards wide and 35 yards long.

$$\begin{aligned} \text{Area} &= (\text{length})(\text{width}) \\ &= 35 \cdot 20 \\ &= 700 \text{ yd}^2 \end{aligned}$$

••• The area is 700 square yards.



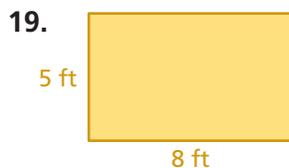
PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

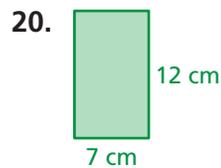
Find the product.

- | | | | |
|---------------------------|---------------------------|----------------------------------|----------------------------------|
| 7. $8 \cdot 12 =$ _____ | 8. $15 \times 12 =$ _____ | 9. $(13)(20) =$ _____ | 10. $2 \cdot 240 =$ _____ |
| 11. $13 \times 6 =$ _____ | 12. $(11)(8) =$ _____ | 13. $19 \cdot 21 =$ _____ | 14. $30 \times 100 =$ _____ |
| 15. $0 \cdot 114 =$ _____ | 16. $26 \times 1 =$ _____ | 17. $4 \cdot 10 \cdot 8 =$ _____ | 18. $9 \cdot 14 \cdot 2 =$ _____ |

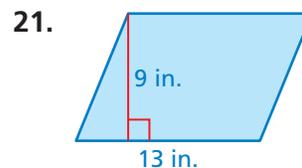
Find the area of the rectangle or parallelogram.



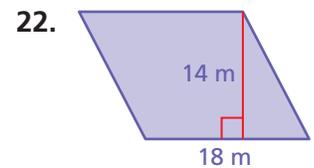
Area = _____



Area = _____



Area = _____



Area = _____

- SCHOOL BUS** Each school bus can carry a maximum of 50 passengers. What is the maximum number of passengers that 12 school buses can carry? _____
- PAPER CUPS** Each package contains 65 paper cups. You buy four packages. Do you have enough paper cups for 250 people to each have one? How do you know?
