


Key Concept and Vocabulary

$1 \times 2 = 2$
 $2 \times 2 = 4$
 $3 \times 2 = 6$
 $4 \times 2 = 8$
 $5 \times 2 = 10$
 $6 \times 2 = 12$
 $7 \times 2 = 14$
 $8 \times 2 = 16$
 $9 \times 2 = 18$
 $10 \times 2 = 20$

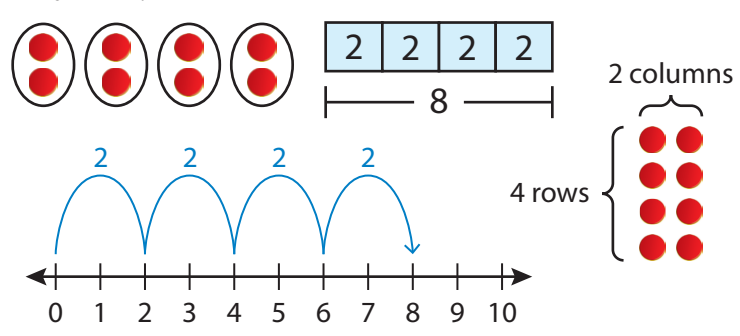
← multiples of 2

Multiple



Visual Models

Find 4×2 .



$2 + 2 + 2 + 2 = 8$ $4 \times 2 = 8$ or $\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$

Skill Examples

- $10 \times 3 = 30$
- $7 \times 4 = 28$
- $0 \times 5 = 0$
- $4 \times 6 = 24$
- $6 \times 7 = 42$
- $3 \times 8 = 24$
- $$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$$
- $$\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$$

Application Example

- Find the area of a rectangular rug that is 5 feet wide and 8 feet long.

Area = (length)(width)
 $= 8 \times 5$
 $= 40$ square feet



The area is 40 square feet.

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Check your answers at BigIdeasMath.com.

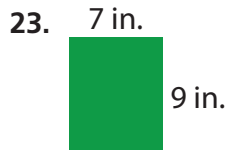
Find the product.

- $1 \times 4 =$ _____
- $3 \times 5 =$ _____
- $6 \times 8 =$ _____
- $3 \times 0 =$ _____
- $$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$
- $$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$
- $$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$
- $$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$
- $$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$
- $$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$
- $$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$
- $$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

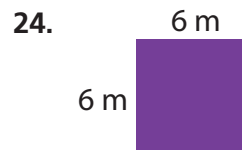
Find the area of the rectangle.



Area = _____



Area = _____



Area = _____

- PHOTOGRAPHS** You take 6 photographs each day for 5 days. How many photographs do you take in all? _____
- BAND CONCERT** A music teacher needs to make 4 rows of 9 chairs each for a band concert. He has 35 chairs. Does he have enough chairs for the band concert? Explain. _____