

Name _____

MY Homework

Lesson 2

Multiply by 7

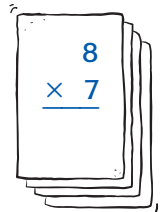
Homework Helper



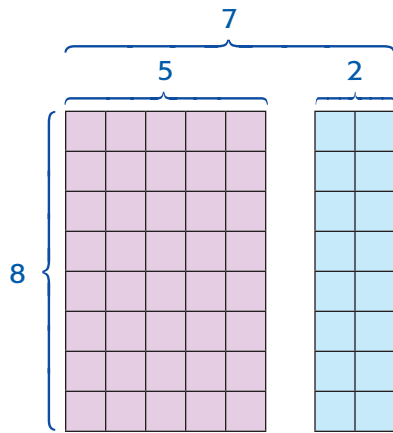
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Jared will go on vacation for 8 weeks this summer.
For how many days will he be on vacation?

Find 8×7 .



Decompose the factor 7 into the addends $5 + 2$.



$$\begin{aligned}
 8 \times 7 &= 8 \times 5 + 8 \times 2 && \text{Multiply.} \\
 &= 40 + 16 && \text{Add.} \\
 &= 56
 \end{aligned}$$

Practice

Algebra Find each unknown. Decompose the factor 7 into $5 + 2$.

1. $7 \times 10 = \blacksquare$

2. $5 \times 7 = \blacksquare$

Known facts: $5 \times 10 = \underline{50}$

Known facts: $5 \times 5 = \underline{25}$

$2 \times 10 = \underline{20}$

$5 \times 2 = \underline{10}$

The unknown is 70.

The unknown is 35.

Algebra Find each unknown. Use the Commutative Property.

3. $7 \times 3 = \blacksquare$

$3 \times 7 = \blacksquare$

The unknown is 21.

4. $7 \times \blacksquare = 28$

$\blacksquare \times 7 = 28$

The unknown is 4.

5. $\blacksquare \times 7 = 49$

$7 \times \blacksquare = 49$

The unknown is 7.

6. $7 \times \blacksquare = 14$


$\blacksquare \times 7 = 14$

The unknown is 2.



Problem Solving

Algebra Write a multiplication sentence with a symbol for the unknown. Then solve.

7. **Mathematical PRACTICE**  **Model Math** It takes Callie 9 minutes to paint each slat on a fence. There are 7 slats in each section of the fence. How long will it take Callie to paint each section of the fence?

$9 \times 7 = \blacksquare$; 63 minutes

8. Each house on Mulberry Street has 7 front windows. There are 3 houses on each side of the street. How many front windows are there in all?

$6 \times 7 = \blacksquare$; 42 front windows

Test Practice

9. A bicycle shop is replacing both tires on 7 bikes. How many tires will be replaced altogether?

- (A) 2 tires (C) 9 tires
(B) 7 tires (D) 14 tires