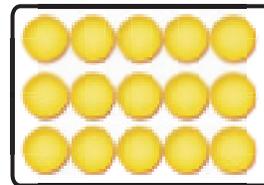


MY Homework**Lesson 3****Hands On: Double a Known Fact****Homework Helper**Need help? connectED.mcgraw-hill.com**Find 6×5 .**Decompose, or separate, the factor 6 into two equal addends of $3 + 3$. Then you can double the known fact, 3×5 .**1 Model the known fact, 3×5 .**

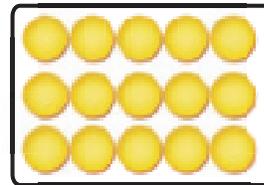
Use counters to make an array that shows 3 rows of 5.



$3 \times 5 = 15$

2 Double the known fact.

Make another array that shows 3 rows of 5.



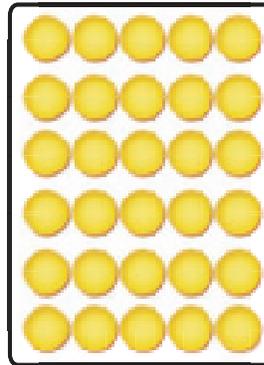
$3 \times 5 = 15$

3 Find 6×5 .

Push the two arrays together into 6 rows of 5.

Add the products from the two arrays:

$15 + 15 = 30$

The combined arrays show $6 \times 5 = 30$.

$6 \times 5 = 30$

Practice

1. Draw counters to model a known fact that will help you find 4×5 . Draw the model two times.

$4 \times 5 = \underline{\hspace{2cm}}$

Known fact: $2 \times 5 = \underline{\hspace{2cm}}$

Double the product: $10 + 10 = \underline{\hspace{2cm}}$

Double the known fact. Write the product it helps you find.

2. $3 \times 7 =$ _____

$3 \times 7 =$ _____

_____ \times _____ = _____

3. $3 \times 3 =$ _____

$3 \times 3 =$ _____

_____ \times _____ = _____

4. $2 \times 6 =$ _____

$2 \times 6 =$ _____

_____ \times _____ = _____

5. $2 \times 9 =$ _____

$2 \times 9 =$ _____

_____ \times _____ = _____



Problem Solving

Double a known fact to solve.

6. Dr. Berry sees 3 patients every hour. If she works 8 hours, how many patients does she see?

7. The Johnson twins and the Clayton twins went to the fair. Each child rode 5 rides. What is the total number of times all four children went on a ride?

8. **Mathematical PRACTICE**  **Identify Structure** Vince drinks 4 large glasses of water each day. How many glasses of water does Vince drink in 7 days?

My Work!

Vocabulary Check



Choose the correct word(s) to complete each sentence.

known fact

decompose

9. One way to _____ the number 8 is to write it as $4 + 4$.
10. A fact that you have memorized is a _____.