MY Homework

Homework Helper

eHelp

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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.
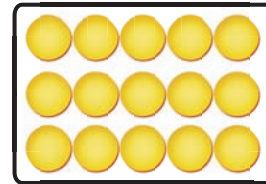
1 **Model the known fact, 3 × 5.**

Use counters to make an array that
shows 3 rows of 5.
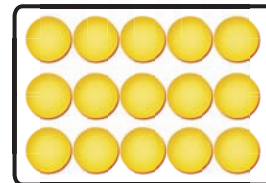
$3 × 5 = 15$

2 **Double the known fact.**

Make another array that shows 3 rows of 5.

$3 × 5 = 15$

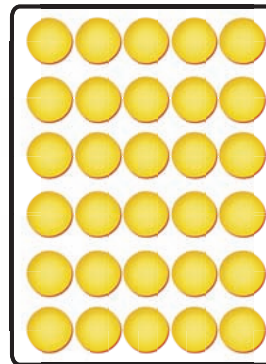**3** **Find 6 × 5.**

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 × 5 = 30.

$6 × 5 = 30$

Practice

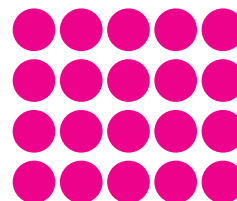**1.** Draw counters to model a known fact that will help you find 4 × 5.
Draw the model two times.

$4 × 5 =$ **20**

Known fact: $2 × 5 =$ **10**

Double the product: $10 + 10 =$ **20**

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

2. $3 \times 7 =$ __21__

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__6__ $\times$ __7__ $=$ __42__

3. $3 \times 3 =$ __9__

$3 \times 3 =$ __9__

__6__ $\times$ __3__ $=$ __18__

4. $2 \times 6 =$ __12__

$2 \times 6 =$ __12__

__4__ $\times$ __6__ $=$ __24__

5. $2 \times 9 =$ __18__

$2 \times 9 =$ __18__

__4__ $\times$ __9__ $=$ __36__

Real World 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?

$3 \times 4 = 12; 12 + 12 = 24$ **patients**

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?

$2 \times 5 = 10; 10 + 10 = 20$ **times**

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

$2 \times 7 = 14; 14 + 14 = 28$ **glasses**

My Work!

Vocabulary Check Vocab abc

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

known fact   decompose

9. One way to __decompose__ the number 8 is to write it as 4 + 4.

10. A fact that you have memorized is a __known fact__.