Name _____

Help Tools Games

Homework & Practice 5-3
Make True Equations

Another Look! Solving one side of a true equation can help you determine the value of the other side.

$9 + \_\_\_\_ = 7 + 8$

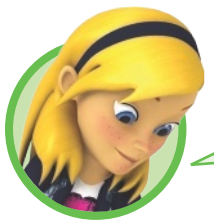
Both sides of a true equation must have the same value.

First, solve $7 + 8$. $7 + 8 = 15$

Next, solve $9 + \_?\_ = 15$ $9 + \_6\_ = 15$

So, $9 + \_6\_ = 7 + 8$.

HOME ACTIVITY Write down a number between 0 and 20. Ask your child to write down an addition or subtraction fact that would equal the number. Repeat with other numbers. Have your child give you a number and then you give an addition or subtraction fact. Ask him or her to tell you if you made a true or false equation.



Write the missing numbers to make the equations true. Draw counters to help.

1.

$7 + \_\_\_\_ = 8 + 6$

$8 + 6 = \_\_\_\_$

$7 + \_\_\_\_ = \_\_\_\_$

2.

$2 + 4 = 16 - \_\_\_\_$

$2 + 4 = \_\_\_\_$

$\_\_\_\_ = 16 - \_\_\_\_$

Solve each problem below.

3. **Reasoning** Greg has 15 hats. Tamara has 10 hats. She wants to have the same number of hats as Greg. How many more hats does Tamara need?

$15 = 10 + \_\_\_\_$

____ more

4. **Reasoning** Laila uses the same number of counters as Frank. What number would make this equation true?

$8 + 1 = 16 - \_\_\_\_$

5. **Higher Order Thinking** Write the missing number that makes the equation true. Use pictures or words to explain how you know.

$3 + 4 = 8 - \_\_\_\_$

6. **Assessment** Draw an arrow to show which number will make the equation true.

1 2 3 4 5 6 7 8

$4 + \_\_\_\_ = 1 + 8$