Name _____

Algebra • Add Zero

Essential Question What happens when you add 0 to a number?

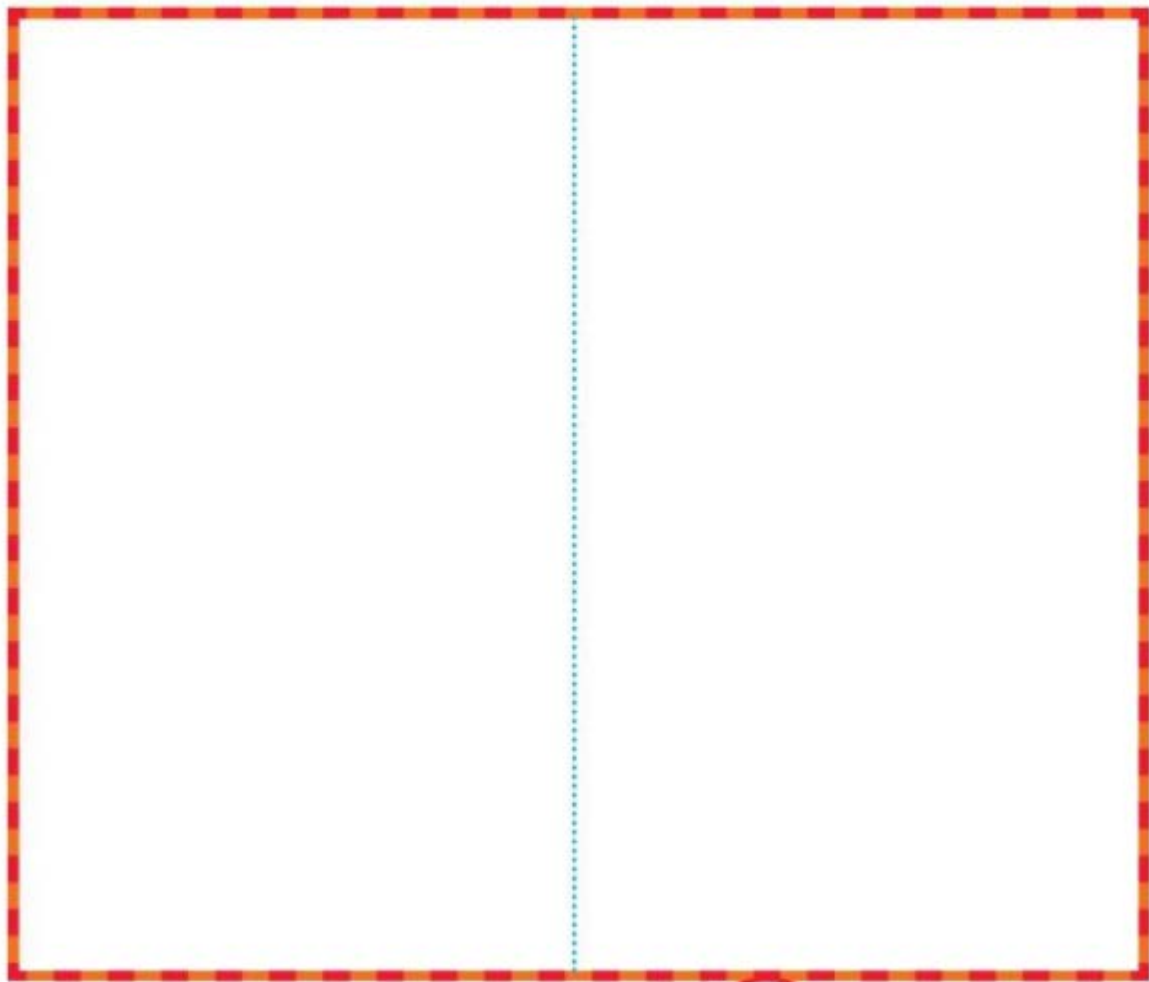**Operations and Algebraic Thinking—1.OA.3**

Listen and Draw Real World Hands On

Use 🔴 to model the problem.
Draw the 🔴 you use.

FOR THE TEACHER • Read the following problem. Scott has 4 marbles. Jennifer has no marbles. How many marbles do they have?
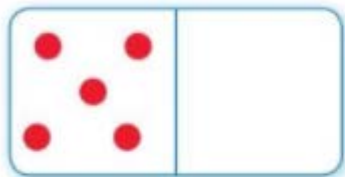
Math Talk **Mathematical Practices**

Explain your drawing.

Chapter 1

What happens when **zero** is added to a number?

> What happens when a number is added to zero?

$\underline{5} + \underline{0} = \underline{5}$
sum

$\underline{0} + \underline{3} = \underline{3}$
sum

Share and Show

MATH BOARD
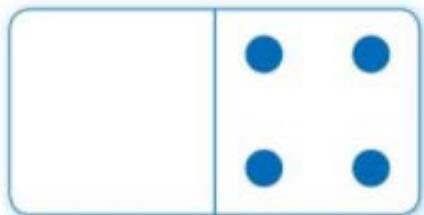
Use the picture to write each part. Write the sum.

1.

_____ + _____ = _____
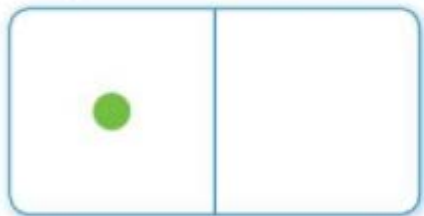
2.

_____ + _____ = _____

3.

_____ + _____ = _____

4.

_____ + _____ = _____

Name _____

On Your Own

Draw circles to show the number.
Write the sum.

5.
$2 + 0 =$ _____

6.
$0 + 1 =$ _____

7.
$4 + 6 =$ _____

8.
$0 + 5 =$ _____

9.
$3 + 4 =$ _____

10.
$0 + 6 =$ _____

11.
$3 + 0 =$ _____

12.
$1 + 4 =$ _____

13.
$4 + 0 =$ _____

14. *THINK SMARTER* Maya has 7 books. Eli has no books. Then Maya gives 7 books to Eli. How many books does Maya have?

_____ books

15. *THINK SMARTER* Complete the addition sentence.

_____ + _____ = 0

Problem Solving • Applications (Real World)   WRITE ▸ Math

MATHEMATICAL PRACTICE ⑧ **Generalize** Write the addition sentence to solve.

16. Mike has 7 books. Cheryl does not have any books. How many books do they both have?

___ + ___ = ___

___ books

17. *THINK SMARTER* There are 5 birds in all. How many birds are in the house?

___ birds

18. *THINK SMARTER* There are no dogs in the park. Then 5 dogs come to the park. How many dogs are in the park now?

___ dogs

TAKE HOME ACTIVITY • Write the numbers 0 to 9 on small squares of paper. Shuffle and place the cards facedown. Have your child turn the top card and add zero to that number. Say the sum. Repeat the activity for each card.

FOR MORE PRACTICE: Standards Practice Book