

Name \_\_\_\_\_

## Algebra • Use Drawings to Represent Problems



**COMMON CORE STANDARD—2.OA.1**  
Represent and solve problems involving addition and subtraction.

Complete the bar model. Then write a number sentence to solve.

1. Sara has 4 yellow beads and 3 green beads. How many beads does Sara have?

\_\_\_\_\_

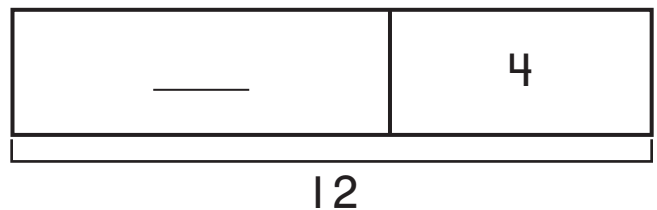
\_\_\_\_\_ beads



2. Adam had 12 trucks. He gave 4 trucks to Ed. How many trucks does Adam have now?

\_\_\_\_\_

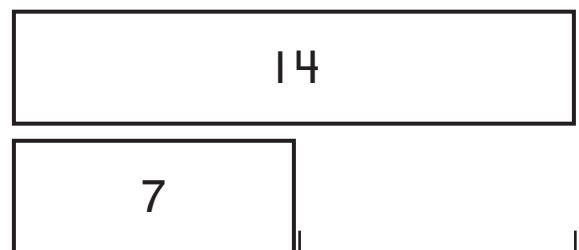
\_\_\_\_\_ trucks



3. Grandma has 14 red roses and 7 pink roses. How many more red roses than pink roses does she have?

\_\_\_\_\_

\_\_\_\_\_ more red roses



Name \_\_\_\_\_

## Algebra • Use Equations to Represent Problems



**COMMON CORE STANDARD—2.OA.1**  
 Represent and solve problems involving addition and subtraction.

Write a number sentence for the problem.

Use a ■ for the unknown number. Then solve.

1. There were 15 apples in a bowl. Dan used some apples to make a pie. Now there are 7 apples in the bowl. How many apples did Dan use?

\_\_\_\_\_ apples

2. Amy has 16 gift bags. She fills 8 gift bags with whistles. How many gift bags are not filled with whistles?

\_\_\_\_\_ gift bags

3. There were 5 dogs at the park. Then 9 more dogs joined them. How many dogs are at the park now?

\_\_\_\_\_ dogs

### Problem Solving

Write or draw to show how you solved the problem.

4. Tony has 7 blue cubes and 6 red cubes. How many cubes does he have?

\_\_\_\_\_ cubes

Name \_\_\_\_\_

**Problem Solving • Equal Groups**



**COMMON CORE STANDARD—2.OA.4**  
*Work with equal groups of objects to gain foundations for multiplication.*

**Act out the problem.**  
**Draw to show what you did.**

1. Mr. Anderson has 4 plates of cookies. There are 5 cookies on each plate. How many cookies are there?

\_\_\_\_\_ cookies

2. Ms. Trane puts some stickers in 3 rows. There are 2 stickers in each row. How many stickers does Ms. Trane have?

\_\_\_\_\_ stickers

3. There are 5 books in each box. How many books are in 5 boxes?

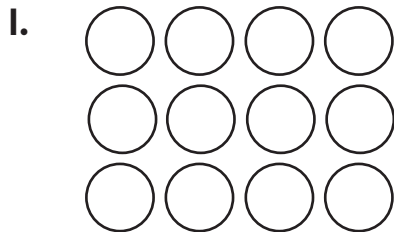
\_\_\_\_\_ books

**Algebra • Repeated Addition**



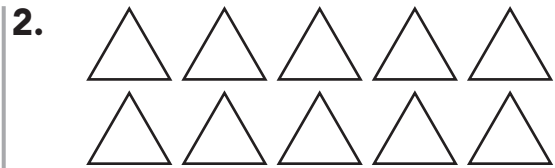
**COMMON CORE STANDARD—2.OA.4**  
*Work with equal groups of objects to gain foundations for multiplication.*

Find the number of shapes in each row.  
 Complete the addition sentence to find the total.



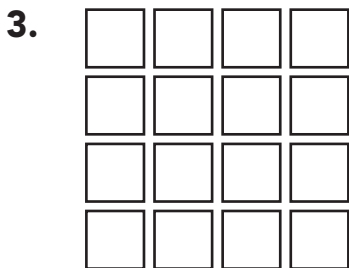
3 rows of \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



2 rows of \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



4 rows of \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



4 rows of \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

**Problem Solving**

Solve. Write or draw to explain.

5. A classroom has 3 rows of desks.  
 There are 5 desks in each row. How many desks are there altogether?

\_\_\_\_\_ desks