

# School-Home Letter

## Dear Family,

My class started Chapter 3 this week. In this chapter, I will learn about addition strategies such as counting on, adding doubles, and adding in any order.

Love, \_\_\_\_\_

### Vocabulary

**doubles** Two equal groups make a doubles fact.



$$2 + 2 = 4$$

**doubles plus one**  $2 + 2 = 4$ , so  $2 + 3$  is 1 more, or 5.



$$2 + 3 = 5$$

### Home Activity

Have your child find objects that show doubles facts. For example, he or she may find a pair of shoes to show  $1 + 1$ , a carton of eggs to show  $6 + 6$ , or a six-pack of juice cans to show  $3 + 3$ . Ask your child to say those doubles facts.

Add another item to one of the groups, and have your child name the doubles plus one fact.

### Literature

Look for these books in a library. Point out examples of doubles and counting on facts in the pictures.

**12 Ways to Get to 11**  
by Eve Merriam.  
Aladdin, 1996.

**Two of Everything: A Chinese Folktale**  
by Lily Toy Hong.  
Albert Whitman and Company, 1993.

# Carta para la casa

## Querida familia:

Mi clase comenzó el Capítulo 3 esta semana. En este capítulo, aprenderé estrategias de suma como contar hacia adelante, sumar dobles y sumar en cualquier orden.

Con cariño, \_\_\_\_\_

### Vocabulario

**dobles** Dos grupos iguales forman una operación de dobles.



$$2 + 2 = 4$$

**dobles más uno**  $2 + 2 = 4$ , por lo tanto  $2 + 3$  es 1 más o 5.



$$2 + 3 = 5$$

### Actividad para la casa

Pida a su hijo que encuentre objetos que muestren operaciones de dobles. Por ejemplo, puede hallar un par de zapatos para mostrar  $1 + 1$ , una caja de huevos para mostrar  $6 + 6$  o una caja de 6 latas de jugo para mostrar  $3 + 3$ . Pídale a su hijo que le diga cuáles son las operaciones de dobles.

Agregue otro artículo a uno de los grupos y pida a su hijo que nombre la operación de dobles más uno.

### Literatura

Busque estos libros en una biblioteca. Señale ejemplos de operaciones de dobles y de contar uno hacia adelante en las imágenes.

#### 12 Ways to Get to 11

por Eve Merriam.  
Aladdin, 1996.

#### Two of Everything: A Chinese Folktale

por Lily Toy Hong.  
Albert Whitman and  
Company, 1993.

**Algebra • Add in Any Order**



**COMMON CORE STANDARD—1.OA.3**  
*Understand and apply properties of operations and the relationship between addition and subtraction.*

**Add. Change the order of the addends. Add again.**

1.

$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

2.

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

3.

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

4.

$$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

5.

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

6.

$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

**Problem Solving**



Write two addition sentences you can use to solve the problem.

**7.** Camila has 5 pennies.  
 Then she finds 4 more pennies.  
 How many pennies does she have now?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

## Lesson Check (1.OA.3)

1. What is another way to write  $7 + 6 = 13$ ?

$$6 + 7 = \underline{\quad}$$

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2. What is another way to write  $6 + 8 = 14$ ?

$$8 + 6 = \underline{\quad}$$

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## Spiral Review (1.OA.1, 1.OA.6)

3. What is the sum?  
Write the number.

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

---

4. How many nests are there?  
Write the number.

2 nests      and      1 more nest             nests

## Count On

COMMON CORE STANDARD—1.OA.5  
Add and subtract within 20.

Circle the greater addend.  
Count on to find the sum.

1. 
$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

### Problem Solving

Draw to solve.

Write the addition sentence.

9. Jon eats 6 crackers.

Then he eats 3 more crackers.

How many crackers does he eat?

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \text{ crackers}$$

## Lesson Check (1.OA.5)

1. Count on to solve  $5 + 2$ .  
Write the sum.

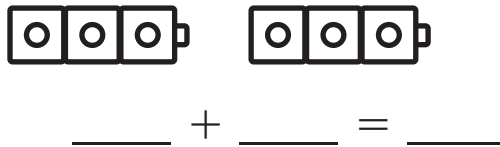
\_\_\_\_\_

2. Count on to solve  $1 + 9$ .  
Write the sum.

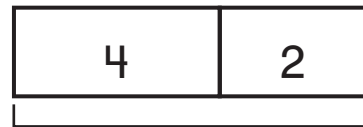
\_\_\_\_\_

## Spiral Review (1.OA.1)

3. What does the model show?



4. 4 ducks swim in the pond.  
2 more ducks join them.  
How many ducks are in  
the pond now?



Complete the model and the number sentence.

$$4 + 2 = \underline{\quad}$$

Name \_\_\_\_\_

# HANDS ON Lesson 3.3

## Add Doubles



COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.

Use . Draw to show your work.  
Write the sum.

1. 
$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$$

### Problem Solving

Write a doubles fact to solve.

7. There are 16 crayons in the box.  
Some are green and some are red.  
The number of green crayons is the  
same as the number of red crayons.

$$\underline{\quad} = \underline{\quad} + \underline{\quad}$$

## Lesson Check (1.OA.6)

1. Write a doubles fact with the sum of 18.

$$\underline{\quad} + \underline{\quad} = 18$$

2. Write a doubles fact with the sum of 12.

$$\underline{\quad} + \underline{\quad} = 12$$

## Spiral Review (1.OA.1, 1.OA.3)

3. What is the sum of 3 and 2?

Draw the . Write the sum.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

4. Draw circles to show the numbers.

Write the sum.

$$4 + 0 = \underline{\quad}$$



Name \_\_\_\_\_

# HANDS ON Lesson 3.4

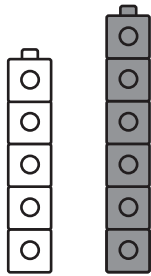


COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.

## Use Doubles to Add

Use  . Make doubles. Add.

1.

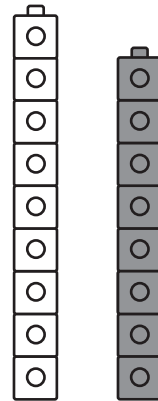


$$5 + 6$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad}$$

So,  $5 + 6 = \underline{\quad}$ .

2.



$$9 + 8$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad}$$

So,  $9 + 8 = \underline{\quad}$ .

Use doubles to help you add.

3.  $8 + 7 = \underline{\quad}$

4.  $6 + 5 = \underline{\quad}$

5.  $7 + 6 = \underline{\quad}$

6.  $4 + 5 = \underline{\quad}$

7.  $7 + 8 = \underline{\quad}$

8.  $8 + 9 = \underline{\quad}$

### Problem Solving

Solve. Draw or write to explain.

9. Bo has 6 toys. Mia has 7 toys.  
How many toys do they have?

\_\_\_\_\_ toys

## Lesson Check (1.OA.6)

1. Use doubles to find the sum of  $7 + 8$ .

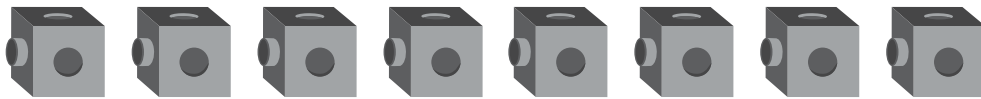
Write the number sentence.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

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## Spiral Review (1.OA.1)

2. Circle the part you take from the group.  
Cross it out. Then write the difference.



$$8 - 6 = \underline{\quad}$$

- 
3. There are 7 gray kittens.  
2 kittens are black. How many  
fewer black kittens are there  
than gray kittens?

Use the bar model to solve.

Then write the number sentence.

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



\_\_\_\_\_

Name \_\_\_\_\_

# HANDS ON Lesson 3.5

## Doubles Plus 1 and Doubles Minus 1



COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.

Add. Write the doubles fact you used to solve the problem.

1.  $7 + 8 = \underline{\quad}$



2.  $6 + 7 = \underline{\quad}$



3.  $4 + 3 = \underline{\quad}$



4.  $2 + 1 = \underline{\quad}$



5.  $8 + 9 = \underline{\quad}$



6.  $3 + 2 = \underline{\quad}$



7.  $5 + 6 = \underline{\quad}$



8.  $5 + 4 = \underline{\quad}$



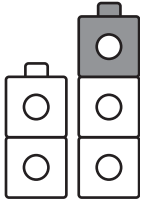
### Problem Solving

9. Andy writes an addition fact. One addend is 9. The sum is 17. What is the other addend? Write the addition fact.

$\underline{\quad} + \underline{\quad} = 17$

## Lesson Check (1.OA.6)

1. Use the picture. Write a doubles plus one number sentence.



$$\underline{\quad} + \underline{\quad} + \underline{\quad}$$

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2. Which doubles fact helps you solve  $8 + 7 = 15$ ? Write the number sentence.

$$\underline{\quad} + \underline{\quad} + \underline{\quad}$$

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## Spiral Review (1.OA.1)

3. There are 7 large dogs and 2 small dogs.  
How many dogs are there?  
Use  $\bigcirc$  to solve. Draw to show your work.  
Write the number sentence and how many.

$\underline{\quad}$  dogs



4. What is the sum of 2 and 1 more?  
Draw the  $\square$ . Write the sum.

$$\underline{\quad} \quad 2 + 1 = \underline{\quad}$$

## Practice the Strategies

COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.Add. Color doubles facts .Color count on facts .Color doubles plus one or  
doubles minus one facts .

1.  $8 + 8 =$  \_\_\_\_\_

2.  $8 + 1 =$  \_\_\_\_\_

3.  $1 + 7 =$  \_\_\_\_\_

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

5.  $5 + 5 =$  \_\_\_\_\_

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

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

8.  $6 + 3 =$  \_\_\_\_\_

9.  $6 + 6 =$  \_\_\_\_\_

10.  $2 + 5 =$  \_\_\_\_\_

11.  $7 + 6 =$  \_\_\_\_\_

12.  $5 + 4 =$  \_\_\_\_\_

Problem Solving 

Make a counting on problem.

Write the missing numbers.

13. \_\_\_\_\_ apples are in a bag.  
 \_\_\_\_\_ more apples are put in the bag.  
 How many apples are in the bag now?

\_\_\_\_\_ apples

## Lesson Check (1.OA.6)

1. Which strategy would you use to find  $2 + 8$ ? Explain how you decided.

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2. What is the sum of  $9 + 9$ ?  
Write the number.

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## Spiral Review (1.OA.1, 1.OA.3)

3. What is the sum of  $5 + 2$  or  $2 + 5$ ?  
Why is the sum the same?

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4. How many flowers are there?  
Write the number.

3 flowers      and      3 more flowers      \_\_\_\_\_ flowers

Name \_\_\_\_\_

# HANDS ON Lesson 3.7



COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.

Draw red ○ to show 10. Draw yellow ○ to show the other addend. Write the sum.

1.

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$


2.

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$


3.

$$\begin{array}{r} 10 \\ + 9 \\ \hline \end{array}$$


4.

$$\begin{array}{r} 10 \\ + 4 \\ \hline \end{array}$$


## Problem Solving

Draw red and yellow ○ to solve. Write the addition sentence.

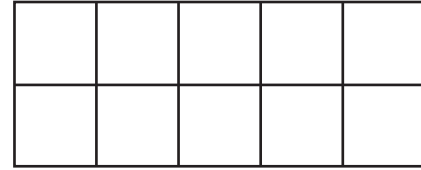
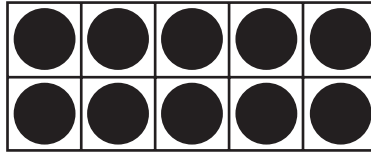
5. Linda has 10 toy cars. She gets 6 more cars. How many toy cars does she have now?


\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ toy cars

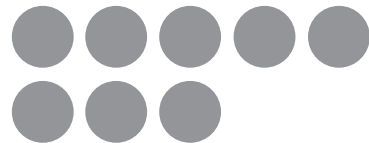
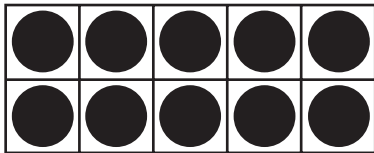
## Lesson Check (1.OA.6)

1. Draw more ● to show the addition fact.  
Then solve.

$$\begin{array}{r} 10 \\ + 3 \\ \hline \end{array}$$



2. What number sentence does this model show?  
Write the number sentence.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

## Spiral Review (1.OA.1)

3. Show three different ways to make 10.  
Write the number sentences.

$$10 = \underline{\quad} + \underline{\quad} \quad 10 = \underline{\quad} + \underline{\quad} \quad 10 = \underline{\quad} + \underline{\quad}$$

4. There are 3 large turtles and 1 small turtle.  
How many turtles are there?  
Write the number sentence and how many.

\_\_\_\_\_ turtles






Name \_\_\_\_\_

# HANDS ON Lesson 3.8

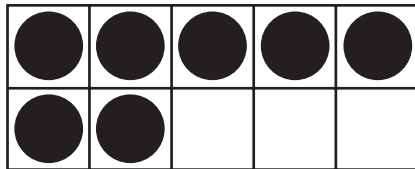
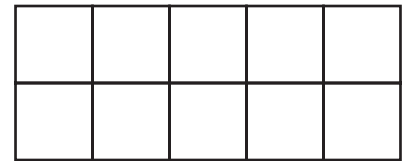


COMMON CORE STANDARD—1.OA.6  
Add and subtract within 20.

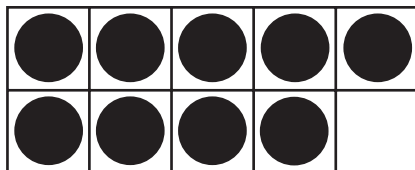
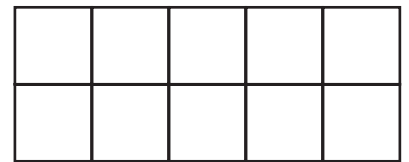
## Make a 10 to Add

Use red and yellow  and a ten frame. Show both addends. Draw to make a ten. Then write the new fact. Add.

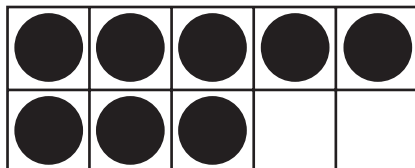
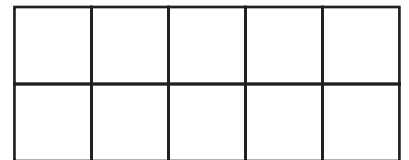
$$\begin{array}{r} 1. \quad 5 \\ + \quad 7 \\ \hline \end{array}$$


$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$


$$\begin{array}{r} 2. \quad 9 \\ + \quad 5 \\ \hline \end{array}$$


$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$


$$\begin{array}{r} 3. \quad 8 \\ + \quad 3 \\ \hline \end{array}$$


$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$


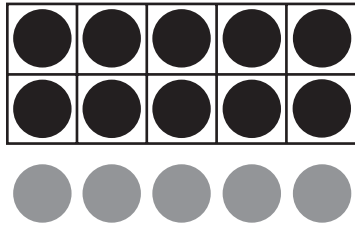
### Problem Solving

Solve.

4.  $10 + 6$  has the same sum as  $7 + \underline{\quad}$ .

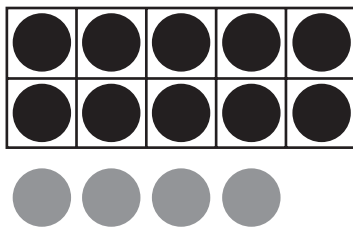
## Lesson Check (1.OA.6)

1. What sum does this model show?  
Write the number.



$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

2. What addition sentence does this model show? Write the number sentence.



$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

## Spiral Review (1.OA.1, 1.OA.6)

3. What is the sum of  $4 + 6$ ? Write the sum.

\_\_\_\_\_

4. There are 2 big flowers and 4 small flowers.  
How many flowers are there?  
Write the number sentence and how many.

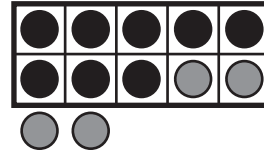
\_\_\_\_\_ flowers

$$\text{---} \bigcirc \text{---} \bigcirc \text{---}$$



## Lesson Check (1.OA.6)

1. Write the number sentence.  
Make a ten to find  $8 + 4$ .  
Write the number sentence.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

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## Spiral Review (1.OA.6, 1.OA.8)

2. What is the difference?  
Complete the subtraction sentence.

$$\begin{array}{r} 5 \\ - 5 \\ \hline \end{array}$$

3. What is the difference?  
Write the difference.

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

Name \_\_\_\_\_

# HANDS ON Lesson 3.10

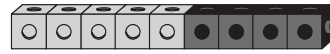
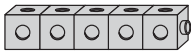
## Algebra • Add 3 Numbers



**COMMON CORE STANDARD—1.OA.3**  
*Understand and apply properties of operations and the relationship between addition and subtraction.*

Look at the . Complete the addition sentences showing two ways to find the sum.

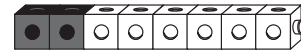
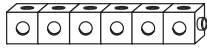
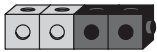
1.  $5 + 4 + 2 = \underline{\quad}$



$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

2.  $2 + 2 + 6 = \underline{\quad}$



$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

### Problem Solving

3. Choose three numbers from 1 to 6.  
Write the numbers in an addition sentence.  
Show two ways to find the sum.

## Lesson Check (1.OA.3)

1. What is the sum of  $3 + 4 + 2$ ?

Write the sum.

\_\_\_\_\_

2. What is the sum of  $5 + 1 + 4$ ?

Write the sum.

\_\_\_\_\_

## Spiral Review (1.OA.1, 1.OA.6)

3. What is the sum of 3 and 7?

$$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$$

4. 4 cows are in the barn. 2 more cows join them. How many cows are in the barn now?



Complete the model and the number sentence.

\_\_\_\_\_ cows

$$4 + 2 = \underline{\quad}$$

## Algebra • Add 3 Numbers



**COMMON CORE STANDARD—1.OA.3**  
Understand and apply properties of operations and the relationship between addition and subtraction.

Choose a strategy.

Circle two addends to add first.

Write the sum.

1.

$$\begin{array}{r} 7 \\ 3 \\ + 3 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 2 \\ 2 \\ + 6 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 6 \\ 6 \\ + 3 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 2 \\ 0 \\ + 8 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 1 \\ 2 \\ + 9 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 6 \\ 4 \\ + 3 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 3 \\ 3 \\ + 5 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 4 \\ 4 \\ + 8 \\ \hline \end{array}$$

### Problem Solving

Draw a picture. Write the number sentence.

9. Don has 4 black dogs.

Tim has 3 small dogs.

Sue has 3 big dogs.

How many dogs do they have?

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \text{ dogs}$$

## Lesson Check (1.OA.3)

1. What is the sum of  $4 + 4 + 2$ ?

\_\_\_\_\_

2. Circle two addends to add first.

Find the sum. Explain your strategy.

$$\begin{array}{r} 7 \\ 3 \\ + 2 \\ \hline \end{array}$$

\_\_\_\_\_  
\_\_\_\_\_

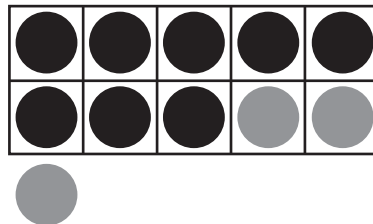
## Spiral Review (1.OA.6)

3. Write a doubles plus one fact for the sum of 7.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

4. What addition sentence does this model show?

Write the number sentence.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



Name \_\_\_\_\_

## PROBLEM SOLVING Lesson 3.12

### Problem Solving • Use Addition Strategies



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

**Draw a picture to solve.**

1. Franco has 5 crayons. He gets 8 more crayons. Then he gets 2 more crayons. How many crayons does he have now?

\_\_\_ ○ \_\_\_ ○ \_\_\_ ○ \_\_\_

\_\_\_ crayons

2. Jackson has 6 blocks. He gets 5 more blocks. Then he gets 3 more blocks. How many blocks does he have now?

\_\_\_ ○ \_\_\_ ○ \_\_\_ ○ \_\_\_

\_\_\_ blocks

3. Avni has 7 gifts. Then he gets 2 more gifts. Then he gets 3 more gifts. How many gifts does Avni have now?

\_\_\_ ○ \_\_\_ ○ \_\_\_ ○ \_\_\_

\_\_\_ gifts

4. Meeka has 4 rings. She gets 2 more rings. Then she gets 1 more ring. How many rings does she have now?

\_\_\_ ○ \_\_\_ ○ \_\_\_ ○ \_\_\_

\_\_\_ rings

## Lesson Check (1.OA.2)

1. Lila has 3 gray stones.  
She has 4 black stones.  
She also has 7 white stones.  
How many stones does she have?  
Write the number sentence.

\_\_\_\_\_ stones      \_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_

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2. Patrick has 3 red stickers, 6 pink stickers, and 8 green stickers. How many stickers does Patrick have?  
Write the number sentence.

\_\_\_\_\_ stickers      \_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_

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## Spiral Review (1.OA.1, 1.OA.3)

3. What is the sum of  $2 + 4$  or  $4 + 2$ ?  
Write the number.

\_\_\_\_\_

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4. There are 6 black pens.  
There are 3 blue pens.  
How many pens are there?  
Write the number.

\_\_\_\_\_ pens      \_\_\_\_\_ ○ \_\_\_\_\_ ○ \_\_\_\_\_