

# School-Home Letter

## Dear Family,

My class started Chapter 3 this week. In this chapter, we will use different ways to practice our basic addition and subtraction facts.

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

### Vocabulary

**addend**  $4 + 5 = 9$

The addends are 4 and 5.

**sum**  $4 + 5 = 9$

The sum is 9.

**difference**  $12 - 4 = 8$

The difference is 8.

### Home Activity

Write 5 addition problems (with sums through 10) on individual slips of paper. Write their sums on separate slips. Have your child choose a sum and then match it to the correct addition problem. Repeat until all the problems have been matched correctly with sums.

### Literature

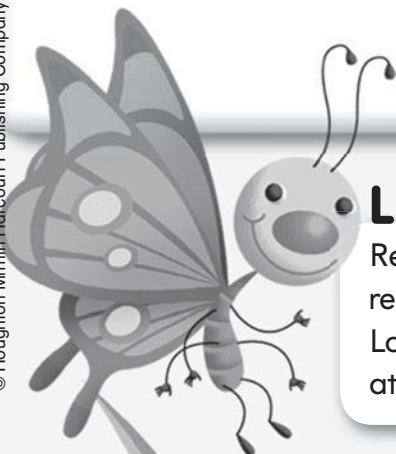
Reading math stories reinforces ideas. Look for these books at the library.

#### Cats Add Up

by Marilyn Burns and Dianne Ochiltree.  
Cartwheel Books, 1998.

#### Each Orange Had 8 Slices

by Paul Giganti.  
HarperTrophy, 1999.



# Carta para la casa

## Querida familia:

Mi clase comenzó el Capítulo 3 esta semana. En este capítulo, usaremos diferentes modos de practicar nuestras operaciones básicas de suma y resta.

Con cariño, \_\_\_\_\_

### Vocabulario

**sumando**  $4 + 5 = 9$

Los sumandos son 4 y 5.

**suma**  $4 + 5 = 9$

La suma es 9.

**diferencia**  $12 - 4 = 8$

La diferencia es 8.

### Actividad para la casa

Escriba 5 problemas de suma (con sumas hasta 10) en diferentes pedazos de papel. Escriba los totales en papeles diferentes. Pídale a su hijo que elija un total y lo haga coincidir con el problema correcto. Repita los pasos hasta que todos los problemas concuerden con los totales.

### Literatura

Leer cuentos de matemáticas refuerza los conceptos. Busque estos libros en la biblioteca.

**Cats Add Up**  
por Marilyn Burns y  
Dianne Ochiltree.  
Cartwheel Books, 1998.

**Each Orange Had  
8 Slices**  
por Paul Giganti.  
HarperTrophy, 1999.

## Use Doubles Facts

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Write a doubles fact you can use to find the sum. Write the sum.

1.  $2 + 3 = \underline{\quad}$

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

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

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

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

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

4.  $8 + 9 = \underline{\quad}$

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

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

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

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

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

**Problem Solving**

Solve. Write or draw to explain.

7. There are 6 ants on a log. Then 7 ants crawl onto the log. How many ants are on the log now?

\_\_\_\_\_ ants

## Lesson Check (2.OA.2)

1. Write a doubles fact you can use to find the sum. Write the sum.

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

2. Write a doubles fact you can use to find the sum. Write the sum.

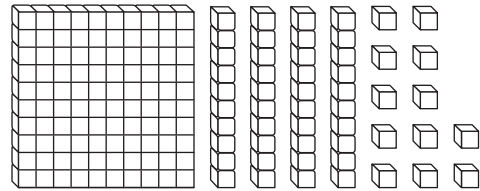
$$6 + 7 = \underline{\quad}$$
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

## Spiral Review (2.OA.3, 2.NBT.1, 2.NBT.3, 2.NBT.4)

3. There are 451 children in Lia's school. Write a number greater than 451.

\_\_\_\_\_

4. What number is shown with these blocks?



\_\_\_\_\_

5. Write a number with the digit 8 in the tens place.

\_\_\_\_\_

6. Circle the sum that is an even number.

$$2 + 3 = 5$$

$$3 + 4 = 7$$

$$4 + 5 = 9$$

$$6 + 6 = 12$$

## Practice Addition Facts

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Write the sums.

1.  $9 + 1 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

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

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

3.  $8 + 0 = \underline{\quad}$

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

4.  $\underline{\quad} = 7 + 9$

$\underline{\quad} = 9 + 7$

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

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

6.  $9 + 9 = \underline{\quad}$

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

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

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

8.  $2 + 2 = \underline{\quad}$

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

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

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

10.  $6 + 6 = \underline{\quad}$

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

11.  $\underline{\quad} = 0 + 7$

$\underline{\quad} = 0 + 9$

12.  $5 + 5 = \underline{\quad}$

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

13.  $8 + 5 = \underline{\quad}$

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

14.  $8 + 2 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

15.  $7 + 4 = \underline{\quad}$

$4 + 7 = \underline{\quad}$

Problem Solving 

Solve. Write or draw to explain.

16. Jason has 7 puzzles. Quincy has the same number of puzzles as Jason. How many puzzles do they have altogether?

 $\underline{\quad}$  puzzles

## Lesson Check (2.OA.2)

1. What is the sum?

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

2. What is the sum?

$$2 + 9 = \underline{\quad}$$

## Spiral Review (2.NBT.2, 2.NBT.3, 2.NBT.4, 2.NBT.8)

3. Write another way to describe 43.

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

4. Write the number that is 100 more than 276.

5. Count by tens.

20, 30, 40,       ,       ,       

6. Write  $<$ ,  $>$ , or  $=$  to compare.

127        142

## Algebra • Make a Ten to Add

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Show how you can make a ten to find the sum.  
Write the sum.

1.  $9 + 7 = \underline{\quad}$

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

2.  $8 + 5 = \underline{\quad}$

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

3.  $8 + 6 = \underline{\quad}$

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

4.  $3 + 9 = \underline{\quad}$

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

5.  $8 + 7 = \underline{\quad}$

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

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

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

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

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

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

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

**Problem Solving**

Solve. Write or draw to explain.

9. There are 9 children on the bus. Then 8 more children get on the bus. How many children are on the bus now?

\_\_\_\_\_ children

## Lesson Check (2.OA.2)

1. Circle the fact with the same sum as  $8 + 7$ .

$$10 + 3$$

$$10 + 4$$

$$10 + 5$$

$$10 + 6$$

2. Write a fact with the same sum as  $7 + 5$ .

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

## Spiral Review (2.OA.3, 2.NBT.3)

3. Write the number shown by  $200 + 10 + 7$ ?

\_\_\_\_\_

4. Circle the odd number.

2      4      6      7

5. What is the value of the underlined digit?

65

\_\_\_\_\_

6. What is another way to write the number 47?

\_\_\_\_\_ tens \_\_\_\_\_ ones



## Algebra • Add 3 Addends

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Solve two ways. Circle the two addends you add first.

1.  $2 + 3 + 7 = \underline{\quad}$

$2 + 3 + 7 = \underline{\quad}$

2.  $5 + 3 + 3 = \underline{\quad}$

$5 + 3 + 3 = \underline{\quad}$

3.  $4 + 5 + 4 = \underline{\quad}$

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

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

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

5.

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

6.

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

Problem Solving 

Choose a way to solve. Write or draw to explain.

7. Amber has 2 red crayons, 5 blue crayons, and 4 yellow crayons. How many crayons does she have?

\_\_\_\_\_ crayons

## Lesson Check (2.OA.2)

1. What is the sum of  
 $2 + 4 + 6$ ?

\_\_\_\_\_

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

\_\_\_\_\_

## Spiral Review (2.NBT.1a, 2.NBT.1b, 2.NBT.3, 2.NBT.4, 2.NBT.8)

3. Write  $>$ ,  $<$ , or  $=$  to compare.

688 \_\_\_\_\_ 648

4. What number can be written  
as 4 tens 2 ones?

\_\_\_\_\_

5. What number has the same  
value as 50 tens?

\_\_\_\_\_

6. What is the next number in  
the pattern?

420, 520, 620, 720, \_\_\_\_\_

Name \_\_\_\_\_

**Algebra • Relate Addition and Subtraction****COMMON CORE STANDARD—2.OA.2**  
*Add and subtract within 20.*

Write the sum and the difference for the related facts.

1.  $9 + 6 = \underline{\quad}$

$15 - 6 = \underline{\quad}$

2.  $8 + 5 = \underline{\quad}$

$13 - 5 = \underline{\quad}$

3.  $9 + 9 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

4.  $7 + 3 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

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

$12 - 5 = \underline{\quad}$

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

$14 - 6 = \underline{\quad}$

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

$13 - 6 = \underline{\quad}$

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

$16 - 8 = \underline{\quad}$

9.  $6 + 4 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

10.  $7 + 9 = \underline{\quad}$

$16 - 9 = \underline{\quad}$

11.  $9 + 4 = \underline{\quad}$

$13 - 9 = \underline{\quad}$

12.  $8 + 7 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

**Problem Solving**

Solve. Write or draw to explain.

13. There are 13 children on the bus. Then 5 children get off the bus. How many children are on the bus now?

\_\_\_\_\_ children

## Lesson Check (2.OA.2)

1. Write a related addition fact for  $15 - 6 = 9$ .

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

2. Write a related subtraction fact for  $5 + 7 = 12$ .

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

## Spiral Review (2.NBT.1, 2.NBT.3, 2.NBT.8)

3. What is another way to write 4 hundreds?

\_\_\_\_\_

4. What is the next number in the pattern?

515, 615, 715, 815, \_\_\_\_\_

5. What number is 10 more than 237?

\_\_\_\_\_

6. Write the number 110 as a sum of hundreds and tens.

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

## Practice Subtraction Facts

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Write the difference.

1.  $15 - 9 = \underline{\quad}$

2.  $10 - 2 = \underline{\quad}$

3.  $\underline{\quad} = 13 - 5$

4.  $14 - 7 = \underline{\quad}$

5.  $10 - 8 = \underline{\quad}$

6.  $12 - 7 = \underline{\quad}$

7.  $\underline{\quad} = 10 - 3$

8.  $16 - 7 = \underline{\quad}$

9.  $8 - 4 = \underline{\quad}$

10.  $11 - 5 = \underline{\quad}$

11.  $13 - 6 = \underline{\quad}$

12.  $\underline{\quad} = 12 - 9$

13.  $16 - 9 = \underline{\quad}$

14.  $\underline{\quad} = 11 - 9$

15.  $12 - 8 = \underline{\quad}$

16.  $14 - 8 = \underline{\quad}$

17.  $10 - 5 = \underline{\quad}$

18.  $12 - 5 = \underline{\quad}$

19.  $15 - 7 = \underline{\quad}$

20.  $14 - 9 = \underline{\quad}$

21.  $17 - 9 = \underline{\quad}$

Problem Solving 

Solve. Write or draw to explain.

22. Mr. Li has 16 pencils. He gives 9 pencils to some students. How many pencils does Mr. Li have now?

\_\_\_\_\_ pencils

## Lesson Check (2.OA.2)

1. Write the difference.

$$13 - 6 = \underline{\quad}$$

2. Write the difference.

$$12 - 3 = \underline{\quad}$$

## Spiral Review (2.NBT.1, 2.NBT.1a, 2.NBT.1b, 2.NBT.2, 2.NBT.3)

3. What is the value of the underlined digit?

625

\_\_\_\_\_

4. Count by fives.

405, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5. Devin has 39 toy blocks. What is the value of the digit 9 in this number?

\_\_\_\_\_

6. Which number has the same value as 20 tens?

\_\_\_\_\_

## Use Ten to Subtract

COMMON CORE STANDARD—2.OA.2  
Add and subtract within 20.

Show the tens fact you used.  
Write the difference.

1.  $14 - 6 = \underline{\quad}$

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

2.  $12 - 7 = \underline{\quad}$

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

3.  $13 - 7 = \underline{\quad}$

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

4.  $15 - 8 = \underline{\quad}$

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

5.  $11 - 7 = \underline{\quad}$

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

6.  $14 - 5 = \underline{\quad}$

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

**Problem Solving** 

Solve. Write or draw to explain.

7. Carl read 15 pages on Monday night and 9 pages on Tuesday night. How many more pages did he read on Monday night than on Tuesday night?

\_\_\_\_\_ more pages

## Lesson Check (2.OA.2)

1. Show the tens fact you used.  
Write the difference.

$$12 - 6 = \underline{\quad}$$

$$10 - 4 = \underline{\quad}$$

2. Show the tens fact you used.  
Write the difference.

$$13 - 8 = \underline{\quad}$$

$$10 - 5 = \underline{\quad}$$

## Spiral Review (2.OA.2, 2.NBT.4)

3. Write a related subtraction fact for  $7 + 3 = 10$ .

\_\_\_\_\_

4. Joe has 8 trucks. Carmen has 1 more truck than Joe. How many trucks do they have together?

\_\_\_\_\_

5. There were 276 people on an airplane. Write a number greater than 276.

\_\_\_\_\_

6. Write  $>$ ,  $<$ , or  $=$  to compare.

$$537 \underline{\quad} 375$$



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?

\_\_\_\_\_

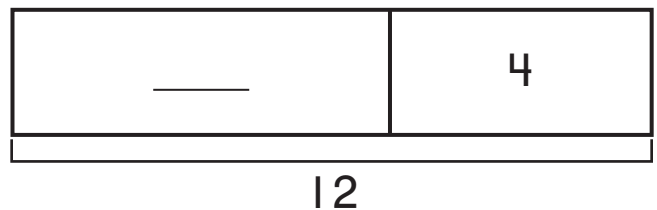
\_\_\_\_\_ beads



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

\_\_\_\_\_

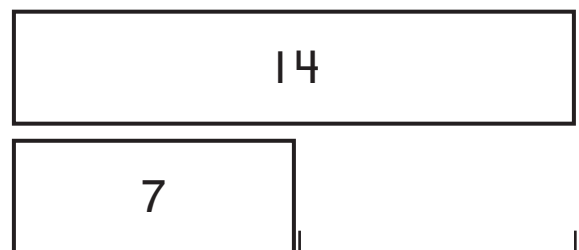
\_\_\_\_\_ trucks



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

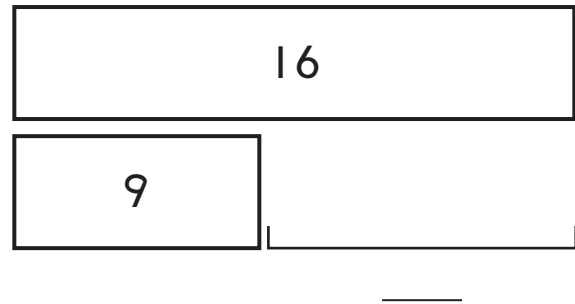
\_\_\_\_\_

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



## Lesson Check (2.OA.1)

1. Abby has 16 grapes. Jason has 9 grapes. How many more grapes does Abby have than Jason?



## Spiral Review (2.OA.2, 2.NBT.3)

2. Write a subtraction fact with the same difference as  $16 - 7$ .

\_\_\_\_\_

3. What is the difference?

$$18 - 9 = \underline{\quad}$$

4. What is another way to write  $300 + 20 + 5$ ?

\_\_\_\_\_

5. What is the value of the underlined digit?

28

\_\_\_\_\_

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

## Lesson Check (2.OA.1)

1. Fred peeled 9 carrots. Nancy peeled 6 carrots. How many fewer carrots did Nancy peel than Fred?  
  
\_\_\_\_\_
2. Omar has 8 marbles. Joy has 7 marbles. How many marbles do they have together?  
  
\_\_\_\_\_

## Spiral Review (2.OA.2, 2.NBT.1)

3. What is the sum?

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

4. What is the sum?

$$5 + 4 + 3 = \underline{\quad}$$

5. What has the same value as 1 hundred 7 tens?  
  
\_\_\_\_\_

6. Which of the following is a way to describe the number 358?  
  
\_\_\_\_\_ hundreds \_\_\_\_\_ tens \_\_\_\_\_ ones

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

## Lesson Check (2.OA.4)

1. Jaime puts 3 oranges on each tray. How many oranges are on 5 trays?

\_\_\_\_\_

2. Maurice has 4 rows of toys with 4 toys in each row. How many toys does he have?

\_\_\_\_\_

## Spiral Review (2.OA.1, 2.OA.2, 2.OA.3)

3. Jack has 12 pencils and 7 pens. How many more pencils than pens does he have?

\_\_\_\_\_ pencils

4. Laura has 9 apples. Jon has 6 apples. How many apples do they have together?

\_\_\_\_\_ apples

5. Circle the even number.

1      3      5      8

6. What is the sum?

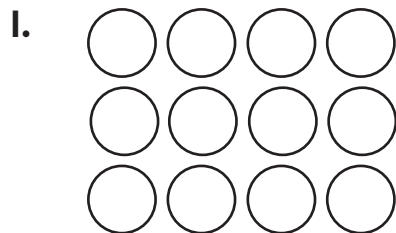
$7 + 9 =$  \_\_\_\_\_

**Algebra • Repeated Addition**



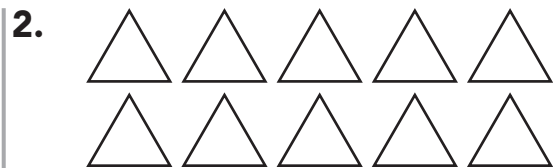
**COMMON CORE STANDARD—2.OA.4**  
*Work with equal groups of objects to gain foundations for multiplication.*

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



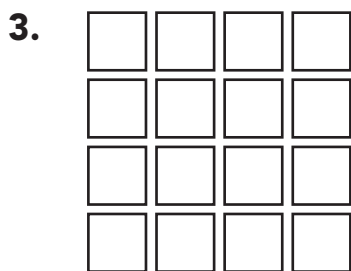
3 rows of \_\_\_\_\_

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



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

## Lesson Check (2.OA.4)

1. A scrapbook has 4 pages. There are 2 stickers on each page. How many stickers are there?

\_\_\_\_\_ stickers

2. Ben makes 5 rows of coins. He puts 3 coins in each row. How many coins are there?

\_\_\_\_\_ coins

## Spiral Review (2.OA.2, 2.NBT.2, 2.NBT.3)

3. There are 5 apples and 4 oranges. How many pieces of fruit are there?

\_\_\_\_\_ pieces

4. Count by tens.

40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5. Write the number 260 using words.

\_\_\_\_\_

6. Write a fact with the same sum as  $7 + 5$ .

\_\_\_\_\_