2nd Grade
Week 4: April 20-24
Math

Parent Directions

Monday

Your child will be working on creating tally charts and responding to questions about the data. Your child can survey friends or family to complete the chart. Have your child read and complete pages 654-665 and do the additional practice on pages 657-658.

lunes

Su hijo trabajará en la creación de cuadros de conteo y responderá preguntas sobre los datos. Su hijo puede encuestar a amigos o familiares para completar el cuadro. Haga que su hijo lea y complete las páginas 654-665 y haga la práctica adicional en las páginas 657-658.

Tuesday

Your child will work on picture graphs today. They will use the graphs to respond to questions about the data. Have your child read and complete pages 660-661 and practice on pages 663-664.

martes

Su hijo trabajará en gráficos de imágenes hoy. Usarán los gráficos para responder preguntas sobre los datos. Haga que su hijo lea y complete las páginas 660-661 y practique en las páginas 663-664.

Wednesday

Your child will be using the tally chart to create picture graphs. Have you child read and complete pages 666-667 and practice on pages 669-670.

miércoles

Su hijo usará la tabla de conteo para crear gráficos de imágenes. Haga que su hijo lea y complete las páginas 666-667 y practique en las páginas 669-670.

Thursday

Finish any incomplete work and sharpen your saw.

jueves

Termine cualquier trabajo incompleto y afile su sierra.

Friday

Have your child complete the ATI practice.

viernes

Haga que su hijo complete la práctica de ATI.

Model and Draw

You can take a **survey** to collect **data**.
You can record the data with tally marks.

Greg asked his classmates which lunch was their favorite.

Favorite Lunch

Lunch	Tally
pizza	IIII
sandwich	HHT I
salad	III
pasta	HHT

The tally marks in the tally chart show the children's answers. Each tally mark stands for one child's choice.

Share and Show   MATH BOARD

1. Take a survey. Ask 10 classmates which pet is their favorite. Use tally marks to show their choices.

Favorite Pet

Pet	Tally
cat	
dog	
fish	
bird	

2. How many classmates chose dog?

_____ classmates

3. Which pet did the fewest classmates choose?

_____

4. Did more classmates choose cat or dog? _____

How many more? _____ more classmates

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2nd Grade Week 4 Math   Page 5

Name _____

5. Take a survey. Ask 10 classmates which indoor game is their favorite. Use tally marks to show their choices.

Favorite Indoor Game	
Game	Tally
board	
card	
computer	
puzzle	

6. How many classmates chose board game?

_____ classmates

7. Which game did the most classmates choose?

_____

8. GO DEEPER Did more classmates choose a card game or a computer game?

_____

How many more?   _____ more classmates

9. Which game did the fewest classmates choose?

_____

10. MATHEMATICAL PRACTICE ③ Apply How many classmates did not choose a board game or a puzzle? Explain how you know.

_____

_____

_____

_____

2nd Grade Week 4 Math   Page 6

Name _____

🔊 Collect Data

🔘

COMMON CORE STANDARD—2.MD.D.10
Represent and interpret data.

🔊 1. Take a survey. Ask 10 classmates how they got to school. Use tally marks to show their choices.

How We Got to School	
Way	**Tally**
walk	
bus	
car	
bike	

_____

🔊 2. How many classmates rode in a bus to school?

_____ classmates

🔊 3. How many classmates rode in a car to school?

_____ classmates

🔊 4. In which way did the fewest classmates get to school?

_____

🔊 5. In which way did the most classmates get to school?

🔊 6. WRITE Math Explain how you would take a survey to find your classmates' favorite shirt color.

_____

2nd Grade Week 4 Math   Page 7

Lesson Check (2.MD.D.10)

1. Use the tally chart. Which color did the fewest children choose?

_____

Favorite Color	
Color	Tally
blue	III
green	⊪⊦⊦ IIII
red	⊪⊦⊦ II
yellow	⊪⊦⊦ I

Spiral Review (2.NBT.B.5, 2.MD.B.6, 2.MD.C.7, 2.MD.C.8)

2. How many dimes have the same value as $1.00?

____ dimes

3. Jared has two ropes. Each rope is 9 inches long. How many inches of rope does he have in all?

____ inches

4. The clock shows the time Lee got to school. At what time did she get to school?

____ : ____

5. Liza finished studying at half past 3. What time did Liza finish studying?

____ : ____

658 six hundred fifty-eight

Model and Draw

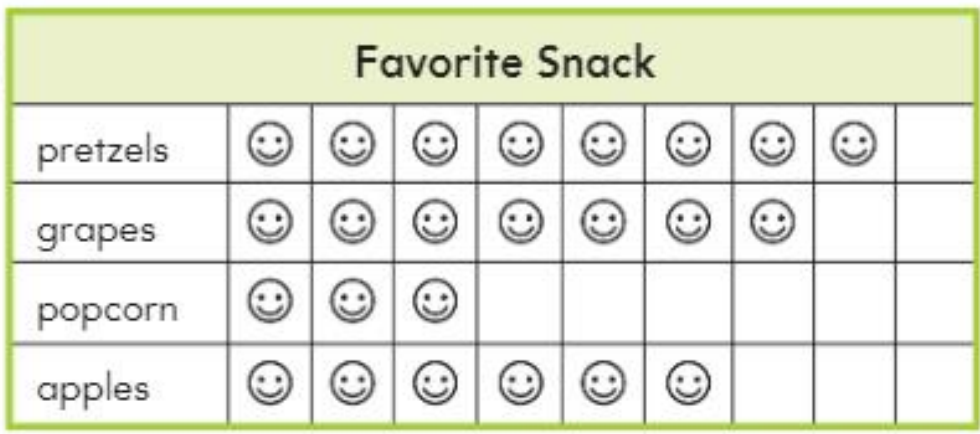A **picture graph** uses pictures to show data.

Number of Soccer Games

March	⚽ ⚽ ⚽ ⚽		
April	⚽ ⚽ ⚽		
May	⚽ ⚽ ⚽ ⚽ ⚽ ⚽		
June	⚽ ⚽ ⚽ ⚽ ⚽ ⚽ ⚽		

Key: Each ⚽ stands for 1 game.

A **key** tells how many each picture stands for.

Share and Show MATH BOARD

Use the picture graph to answer the questions.

Favorite Snack

pretzels	☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
grapes	☺ ☺ ☺ ☺ ☺ ☺ ☺
popcorn	☺ ☺ ☺
apples	☺ ☺ ☺ ☺ ☺ ☺

Key: Each ☺ stands for 1 child.

1. Which snack was chosen by the fewest children? _____

2. How many more children chose pretzels
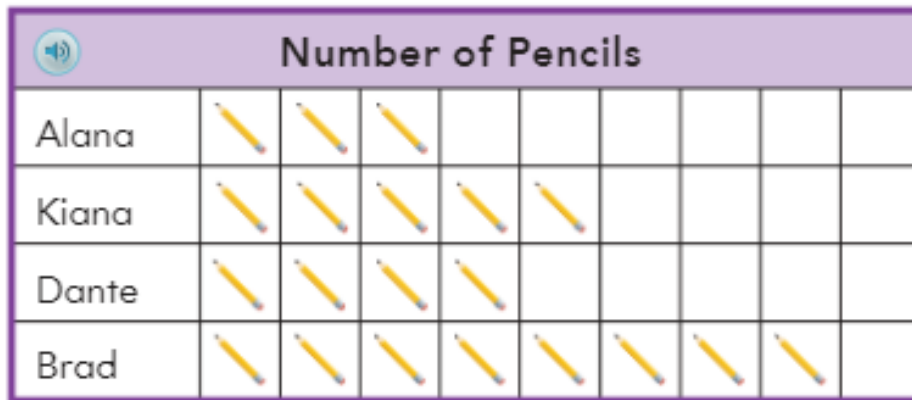   than apples? _____ more children

660 six hundred sixty

Name _____

On Your Own

Use the picture graph to answer the questions.

Number of Pencils									
Alana	✏	✏	✏						
Kiana	✏	✏	✏	✏	✏				
Dante	✏	✏	✏	✏					
Brad	✏	✏	✏	✏	✏	✏	✏		

Key: Each ✏ stands for 1 pencil.

3. How many pencils do Alana and Brad have?   _____ pencils

4. How many more pencils does Kiana have than Alana has?   _____ more pencils

5. **THINK SMARTER** Mrs. Green has the same number of pencils as the four children. How many pencils does she have?

_____ pencils

6. **MATHEMATICAL PRACTICE ④** **Use Graphs** Christy has 7 pencils. Write two sentences to describe how her number of pencils compares to the data in the picture graph.

_____

_____

_____

_____

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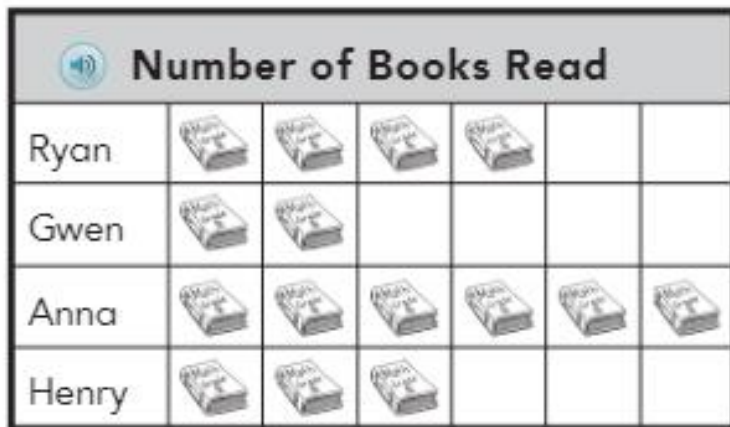
Chapter 10 • Lesson 2   six hundred sixty-one 661

Read Picture Graphs

Use the picture graph to answer the questions.

COMMON CORE STANDARD—2.MD.D.10
Represent and interpret data.

Number of Books Read						
Ryan	📘	📘	📘	📘		
Gwen	📘	📘				
Anna	📘	📘	📘	📘	📘	📘
Henry	📘	📘	📘			

Key: Each 📘 stands for 1 book.

1. How many books in all did Henry and Anna read? _____ books

2. How many more books did Ryan read than Gwen? _____ more books

3. How many fewer books did Gwen read than Anna? _____ fewer books

Problem Solving (Real World)

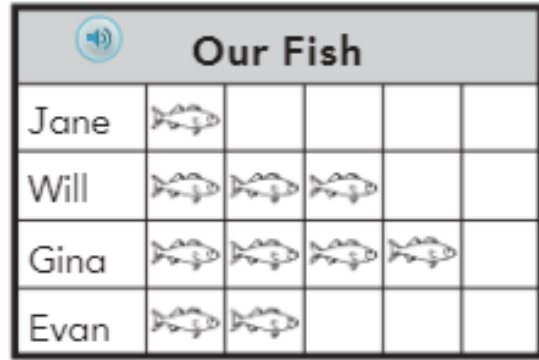Use the picture graph above. Write or draw to explain.

4. Carlos read 4 books. How many children read fewer books than Carlos?

_____ children

5. **WRITE** Math Write a few sentences to describe the different parts of a picture graph.

_____
_____
_____
_____

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Lesson Check (2.MD.D.10)

1. Use the picture graph. Who has the most fish?

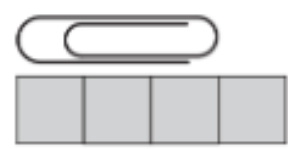| Our Fish				
Jane	🐟			
Will	🐟	🐟	🐟	
Gina	🐟	🐟	🐟	🐟
Evan	🐟	🐟		

Key: Each 🐟 stands for 1 fish.

_____

Spiral Review (2.MD.A.1, 2.MD.C.7, 2.MD.C.8)

2. What time is shown on this clock?

____ : ____

3. Each unit cube is about 1 centimeter long. What is the length of the paper clip?

about ____ centimeters

4. What is the total value of this group of coins?

____ ¢ or ____ cents

664   six hundred sixty-four

FOR MORE PRACTICE
GO TO THE
Personal Math Trainer

Model and Draw

Each picture in the graph stands for 1 flower.
Draw pictures to show the data in the tally chart.

Number of Flowers Picked

Name	Tally
Jessie	III
Inez	卌
Paulo	IIII

Number of Flowers Picked

Jessie	⬭	⬭	⬭		
Inez					
Paulo					

Key: Each ⬭ stands for 1 flower.

Share and Show MATH BOARD

1. Use the tally chart to complete the picture graph.
   Draw a ☺ for each child.

Favorite Sandwich

Sandwich	Tally
cheese	卌
ham	II
tuna	IIII
turkey	III

Favorite Sandwich

cheese					
ham					
tuna					
turkey					

Key: Each ☺ stands for 1 child.

2. How many children chose tuna? _____ children

3. How many more children chose cheese
   than ham? _____ more children

666 six hundred sixty-six

Name _____

On Your Own

4. Use the tally chart to complete the picture graph.
   Draw a ☺ for each child.

Favorite Fruit	
Fruit	**Tally**
apple	IIII
plum	II
banana	IIIII
orange	III

Favorite Fruit					
apple					
plum					
banana					
orange					

Key: Each ☺ stands for 1 child.

5. How many children chose banana? _____ children

6. How many fewer children chose plum
   than banana? _____ fewer children

7. **THINK SMARTER** How many children chose
   a fruit that was not a plum?

   _____ children
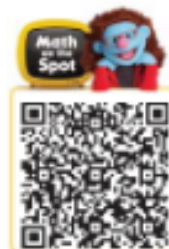
8. **GO DEEPER** Which three fruits were
   chosen by a total of 10 children?

TAKE HOME ACTIVITY • Ask your child to explain how to
read the picture graph on this page.

2nd Grade Week 4 Math   Page 14

Make Picture Graphs

1. Use the tally chart to complete the picture graph.
Draw a ☺ for each child.

Favorite Cookie	
Cookie	Tally
chocolate	III
oatmeal	I
peanut butter	IIII
shortbread	IIII

Favorite Cookie					
chocolate					
oatmeal					
peanut butter					
shortbread					

Key: Each ☺ stands for 1 child.

2. How many children chose chocolate? _____ children

3. How many fewer children chose oatmeal than
peanut butter? _____ fewer children

4. Which cookie did the most children choose?

   _____

5. How many children in all chose a favorite cookie? _____ children

6. Look at the picture graph above. Write about the
information shown in this graph.

   _____

Lesson Check (2.MD.D.10)

1. Use the picture graph. How many more rainy days were there in April than in May?

Number of Rainy Days					
March	☂	☂	☂	☂	☂
April	☂	☂	☂	☂	
May	☂	☂			
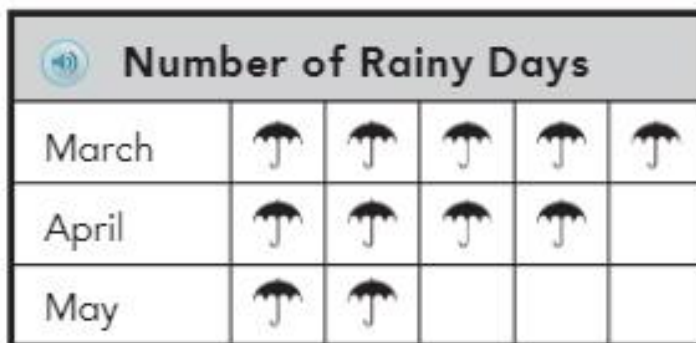
Key: Each ☂ stands for 1 day.

_____ more rainy days

Spiral Review (2.MD.A.1, 2.MD.C.8)

2. Rita has one $1 bill, 2 quarters, and 3 dimes. What is the total value of Rita's money?

$_____

3. Lucas put 4 quarters and 3 nickels into his coin bank. How much money did Lucas put into his coin bank?

$_____

4. Use a centimeter ruler. What is the length of this string to the nearest centimeter?

|—————|

_____ centimeters

5. What is the total value of this group of coins?

_____ ¢ or _____ cents

FOR MORE PRACTICE GO TO THE Personal Math Trainer

670 six hundred seventy

1) Add.

4 + 5 = ___

    A) 1

    B) 3

    C) 8

    D) 9

---

2) Add.

8 + 4 = ___

    A) 8

    B) 10

    C) 12

    D) 13

3) Subtract.

8 - 3 = ___

    A) 11

    B) 6

    C) 5

    D) 2

4) Subtract.

12 - 8 = ____

    A) 4

    B) 5

    C) 6

    D) 8

5) Subtract.

12 - 5 =

    A) 6

    B) 7

    C) 8

    D) 9

1

Which two boxes would make the equation true?

| ? | = 17

- ☐ A. 8 + 7
- ☐ B. 9 + 8
- ☐ C. 6 + 12
- ☐ D. 14 + 4
- ☐ E. 12 + 5

2

Which two boxes would make the equation true?

| ? | = 4

- ☐ A. 5 − 2
- ☐ B. 9 − 5
- ☐ C. 12 − 8
- ☐ D. 14 − 8
- ☐ E. 16 − 9

3

Which two boxes would make the equation true?

| ? | = 10

- ☐ A. 6 + 3
- ☐ B. 9 + 1
- ☐ C. 7 + 4
- ☐ D. 5 + 5
- ☐ E. 8 + 3

4

Which two boxes would make the equation true?

| ? | = 1

- ☐ A. 3 − 1
- ☐ B. 7 − 5
- ☐ C. 8 − 7
- ☐ D. 9 − 6
- ☐ E. 10 − 9

5

Which two boxes would make the equation true?

| ? | = 12

- ☐ A. 9 + 4
- ☐ B. 11 + 2
- ☐ C. 6 + 6
- ☐ D. 5 + 8
- ☐ E. 8 + 4

2nd Grade Math (Supplemental) Week 4

(April 20th-24th)

Parent Directions

Thursday: (Ch. 7: Lessons 7.1-7.2)

Today your child will be working with money. For the first lesson on pages 468-469 review the value of a dime, nickel, and penny with them. You can also discuss the attributes of each coin. They will count a set of given coins and record as they count/add each coin. As they record make sure they are using the cents symbol. On the second lesson, on pages 474-475, your child will also begin counting quarters. Discuss the value of a quarter and the attributes of the coin. In the same manner count and record the value of the sets of coins.

Instrucciones para padres

Jueves: (Capítulo 7: Lecciones 7.1-7.2)

Hoy su hijo trabajará con dinero. Para la primera lección en las páginas 468-469 repase el valor de una moneda de diez centavos, cinco centavos y cinco centavos con ellos. También puede discutir los atributos de cada moneda. Contarán un conjunto de monedas dadas y registrarán a medida que cuenten / agreguen cada moneda. Mientras graban, asegúrese de que estén usando el símbolo de centavos. En la segunda lección, en las páginas 474-475, su hijo también comenzará a contar cuartos. Discuta el valor de un cuarto y los atributos de la moneda. De la misma manera, cuente y registre el valor de los conjuntos de monedas.

Model and Draw

10 cents
10¢

dime

¢ is the
cent sign.

5 cents
5¢

nickel

I cent
I¢

penny

Count dimes by tens.

10¢, 20¢, 30¢

Count nickels by fives.

5¢, 10¢, 15¢

Count by tens. Count by fives. Count by ones.

10¢, 20¢, 25¢, 30¢, 31¢, 32¢

32¢

total value

Share and Show MATH BOARD

Count on to find the total value.

☑ 1.

_____

total value

☑ 2.

_____

total value

468 four hundred sixty-eight

Name _____

On Your Own

Count on to find the total value.

3.

_____

☐ total value

4.

_____

☐ total value

5.

☐ total value

6.

☐ total value

7. **THINK SMARTER** Maggie had 5 nickels. She gave 2 nickels to her sister. What is the total value of the nickels that Maggie has now?

_____

Chapter 7 • Lesson 1

four hundred sixty-nine **469**

Model and Draw

A **quarter** has a value of 25 cents.

25¢

Count by twenty-fives.   Count by tens.   Count by ones.

25¢, 50¢, 60¢, 70¢, 71¢, 72¢

72¢

total value

Share and Show   MATH BOARD

Remember:
¢ is the cent sign.

Count on to find the total value.

1.

total value

2.

total value

3.

total value

Name _____

🔊 **On Your Own**

📱 Count on to find the total value.

4.

_____

🔊 total value ☐

5.

_____

🔊 total value ☐

6.

🔊 total value ☐

7.

🔊 total value ☐

📱 🔊 Draw and label a coin to solve.

🔊 **8.** **THINK SMARTER** Ed's coin has the same value as a group of 5 pennies and 4 nickels. What is his coin?

Chapter 7 • Lesson 2   four hundred seventy-five **475**