

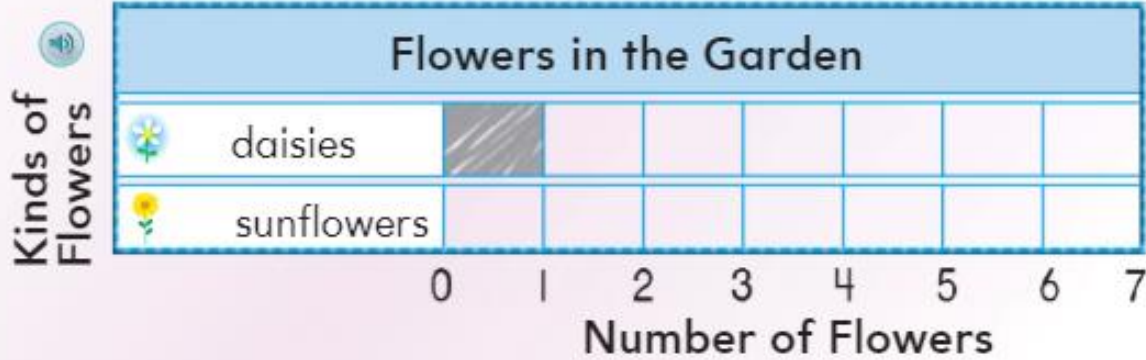


Model and Draw

Are there more  or  in the garden?

Make a bar graph to find out.

Shade 1 box for each flower in the picture.

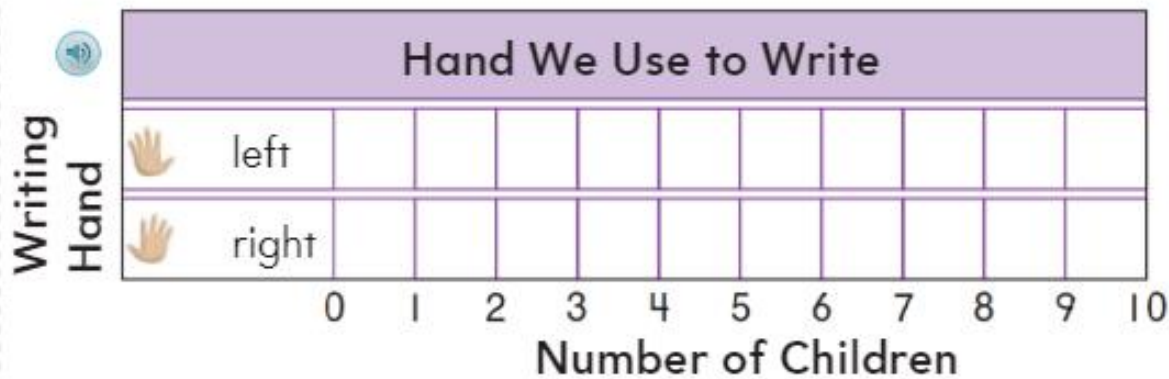


There are more _____ in the garden.

Share and Show



Do more children write with their left hand or right hand?
Ask 10 friends which hand they use. Make a bar graph.



1. Which hand do more children use to write? _____

Name _____

**On Your Own**

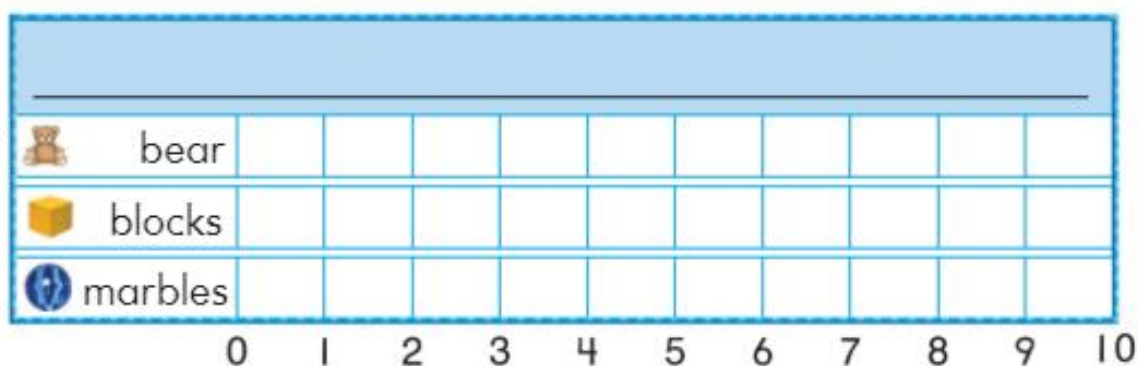
MATHEMATICAL PRACTICE 8

Draw Conclusions

Do children like , , or  best?
Ask 10 friends which toy they like best.



2. Make a bar graph. Write a title and labels for your graph.



3. Which toy did the most children choose? Circle.



4. How many children

chose ?

_____ children



5. **THINK SMARTER** How are picture graphs and bar graphs alike?



TAKE HOME ACTIVITY • Your child has learned how to make picture graphs and bar graphs. Ask your child to explain how bar graphs are different from picture graphs.

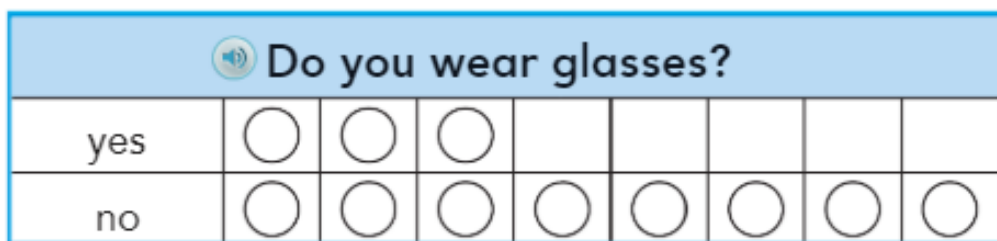
Name _____

Mid-Chapter Checkpoint



Concepts and Skills

- Use the picture graph to answer the questions. (1.MD.C.4)

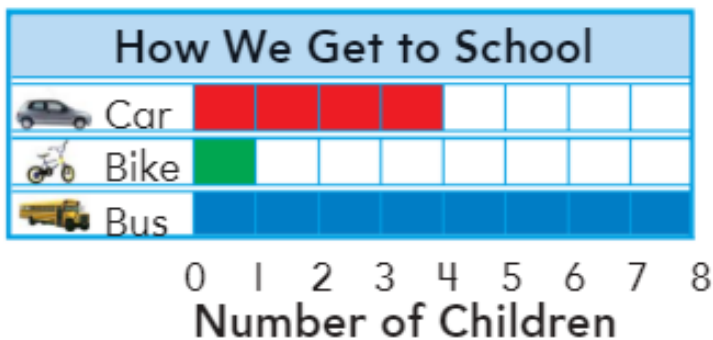


Each stands for 1 child.

1. How many children do not wear glasses? _____
2. How many children wear glasses? _____

THINK SMARTER Use the bar graph to answer the questions. (1.MD.C.4)

Ways to Get to School



3. How many children take the bus to school? _____

THINK SMARTER 4. Is the sentence true? Choose Yes or No.

- 5 children ride in a car or ride a bike. Yes No
- More children go by car than by bus. Yes No
- Fewer children go by bike than by car. Yes No

Name _____

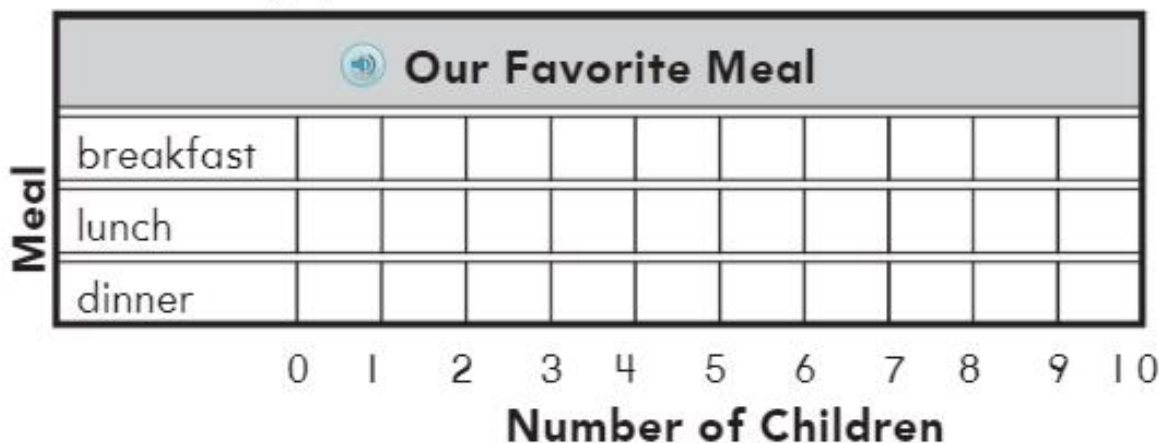
Make Bar Graphs



COMMON CORE STANDARD—1.MD.C.4
Represent and interpret data.

Which is your favorite meal?

1. Ask 10 friends which meal they like best. Make a bar graph.



2. How many children chose breakfast?
_____ children
3. Which meal was chosen by the most children?



Problem Solving *Real World*

4. What if 10 children chose breakfast? How many children could choose lunch or dinner?
_____ children

5. **WRITE Math** Use words and pictures to show how to make a bar graph about favorite storybooks.

Model and Draw

Do more children like chicken or pizza better?

Food We Like		Total
 chicken		3
 pizza		

You can use a **tally chart** to collect information.

Each | is a **tally mark**.
It stands for 1 child.
|||| stands for 5 children.



More children like pizza.



Share and Show



Complete the tally chart.

Boys and Girls in Our Class		Total
 boys		
 girls		

Use the tally chart to answer each question.




- How many girls are in the class? _____ girls
- How many boys are in the class? _____ boys
- How many children are in the class in all? _____ children
- Are there more boys or girls in the class? _____

600 six hundred


Name _____



On Your Own




Complete the tally chart.

Our Favorite Sport		Total
 t-ball		
 soccer		
 swimming		

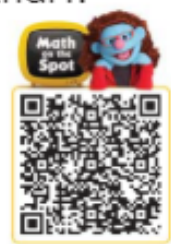
Use the tally chart to answer the question.



5. How many children chose ? _____ children

6. How many more children chose  than ? _____ more children

7. Which sport did the most children choose? Circle.   

8. **THINK SMARTER** Write your own question about the tally chart.



9. **GO DEEPER** Sam asked some other children which sport they like. They all chose . Now the most children chose . How many children did Sam ask? _____ children

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Problem Solving • Applications



WRITE

Math

Our Favorite Season		Total
winter		
summer		
fall		

Remember to write the total.

MATHEMATICAL PRACTICE 2

Connect Symbols and Words

Complete each sentence about the tally chart. Write **greater than**, **less than**, or **equal to**.

10. The number of tallies for is _____ the number of tallies for .

11. The number of tallies for is _____ the number of tallies for .

12. The number of tallies for is _____ the number of tallies for .

13. **GO DEEPER** The number of tallies for is _____ the number of tallies for both and .

14.

THINK SMARTER

Look at the chart. How many tallies in all?

- |||| | ||| |||| |||| ||||
 |||| |||| |||| |||| |||| |||



TAKE HOME ACTIVITY • Together with your child, make a tally chart showing how many times you all say the word "eat" during a meal. Then have your child write the number.




Name _____

Read Tally Charts






COMMON CORE STANDARD—1.MD.C.4
Represent and interpret data.

Complete the tally chart.





Our Favorite Vegetable		Total
 beans		
 corn	###	
 carrots	###	

Use the tally chart to answer each question.

- How many children chose  ? _____ children
- How many more children chose  than  ? _____ more children

Problem Solving 

Complete each sentence about the tally chart.
Write **greater than**, **less than**, or **equal to**.

- The number of children who chose  is _____ the number who chose .
- The number of children who chose  is _____ the number who chose .




WRITE Math Use words, numbers, or pictures to show how to group and count tally marks for the number 8.

Lesson Check (1.MD.C.4)



Use the tally chart to answer each question.




Our Favorite Pet		
	dog	
	cat	
	fish	



1. How many children chose  ?

___ children



2. How many more children chose  than  ?

___ more children



Spiral Review (1.OA.A.1, 1.NBT.C.4)



3. Complete the number sentence.

There are 8 apples.
6 apples are red.
The rest are green.
How many apples are green?

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



4. Write the sum.

$$34 + 40 = \underline{\quad}$$

604 six hundred four



HANDS ON

Lesson 10.6

Name _____




Make Tally Charts

Essential Question Why is a tally chart a good way to show information that you have collected?

Common Core Measurement and Data—
I.MD.C.4
MATHEMATICAL PRACTICES
MPI, MP3, MP4

Listen

Complete the tally chart.

Our Favorite Game		Total
 card game		
 puzzle		
 board game		

Use the tally chart to answer the question.
Which game did the most children choose? Circle.



Which game did the fewest children choose?
Circle.



FOR THE TEACHER • Read the following problem.
Ava asks the children in her class which of three games they like the best. She makes a tally mark to show each child's answer. Which game did the most children choose? Which did the fewest children choose?


Math Talk
MATHEMATICAL PRACTICES

Analyze How do you know which game is the favorite?

Model and Draw



How can you make a tally chart to show the boats at the lake?



Decide if each boat has a sail.



Boats at the Lake		Total
boats with sails		
boats without sails		



Share and Show



Use the picture to complete the tally chart. Then answer each question.



Fish in the Tank		Total
zebra fish		
angel fish		



1. How many are in the tank?



2. How many more than are there?

_____ more



3. How many and are in the tank?

_____ fish

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Name _____




**On Your Own**

Which of these snacks do most children like the best?



Ask 10 friends. Make 1 tally mark for each child's answer.




Our Favorite Snack		Total
 pretzel		
 apple		
 yogurt		




Use the tally chart to answer each question.



4. How many children chose ?

_____ children




5. How many children chose ?

_____ children



6. Which snack do most children like best? Circle.



7. **THINK SMARTER** What if 6 children out of the 10 chose ? Which snack would be the favorite? Circle it.



8. **Explain** Write your own question about the tally chart.



Problem Solving • Applications



WRITE

Math



MATHEMATICAL PRACTICE 1

Analyze Relationships Jenna asked

10 friends to choose their favorite subject.
She will ask 10 more children.



Our Favorite School Subject		Total
math	I	
reading		
science		



9. Predict. Which subject will children most likely choose?



10. Predict. Which subject will children least likely choose?






11. **THINK SMARTER** How can you prove if your prediction is good? Try it.



12. **THINK SMARTER** Complete the tally chart to show the number of votes.



Fruit We Like		Total
 apple		4
 banana		5
 grapes		2



TAKE HOME ACTIVITY • With your child, survey friends and family to find out their favorite food. Draw tally marks to record the results and then prepare the food.

Name _____

Make Tally Charts



COMMON CORE STANDARD—1.MD.C.4
Represent and interpret data.

Which color do most children like best? Ask 10 friends. Make 1 tally mark for each child's answer.

Favorite Color		Total
red		
blue		

1. How many children chose red?
_____ children

2. How many children chose blue?
_____ children

Problem Solving

Jason asked 10 friends to choose their favorite game. He will ask 10 more children.

Our Favorite Game	
tag	I
kickball	II
hopscotch	II




3. Predict. Which game will children most likely choose?

4. Predict. Which game will children least likely choose?

5. **WRITE** **Math** Write a question that can be answered by making a tally chart.

Lesson Check (1.MD.C.4)

1. Which insect did the most children choose?
Circle the answer.

Our Favorite Insect		Total
 ladybug	III	3
 bee	I	1
 butterfly	IIII II	7



Spiral Review (1.NBT.B.2b, 1.NBT.B.3)

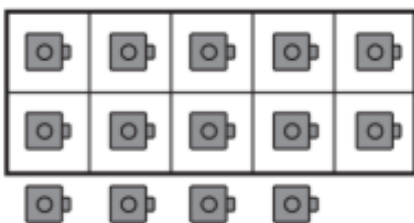
2. Circle the number that is greater than 54.
Write the number.

45 50 54 57

_____ is greater than 54.

_____ > 54

3. Use the model. Write the number three different ways.



_____ ten _____ ones

_____ + _____

610 six hundred ten

