

Name

My Homework

Lesson 1




Take a Survey

Homework Helper



Need help? connectED.mcgraw-hill.com

A tally chart shows the results of a survey.

Favorite Vegetable	Tally	Total
 Carrot		6
 Broccoli		3
 Corn		8

Helpful Hint

| means 1.
|||| means 5.

Practice

Ask 10 people their favorite exercise. Use tally marks to record the data.

Use the data in the chart to answer the questions.

Favorite Exercise	Tally	Total
Jump Rope		
Run		
Dance		
Play Baseball		

- How many people like to run and dance? _____
- Do more people like to run and play baseball or dance and jump rope? _____

Ask 10 people their favorite snack. Use tally marks to record the data.

Use the data in the chart to answer the questions.

Favorite Snack	Tally	Total
Fruit		
Chips		
Cookies		
Carrot Sticks		

- What snack do people like the most? _____
- How many people like healthful snacks the most? _____

Ask 10 people their favorite juice flavor. Use tally marks to record the data.

Use the data in the chart to answer the questions.

Favorite Juice	Tally	Total
Apple		
Orange		
Cranberry		
Tomato		

- What juice do people like the least? _____
- How many people like cranberry juice and apple juice in all? _____

Wow! A lot of people like me!

Vocabulary Check



Circle the word that matches the definition.

- Numbers or symbols that show information.

tally marks

survey

data



Math at Home Help your child to create a survey that they can give to family members.

Name _____

My Homework




Lesson 2

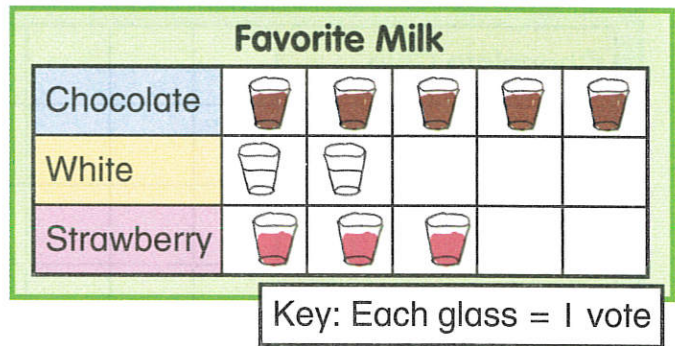
Make Picture Graphs

Homework Helper

Need help? connectED.mcgraw-hill.com

You can use data from a tally chart to make a picture graph.

Favorite Milk	Tally	Total
 Chocolate		5
 White		2
 Strawberry		3

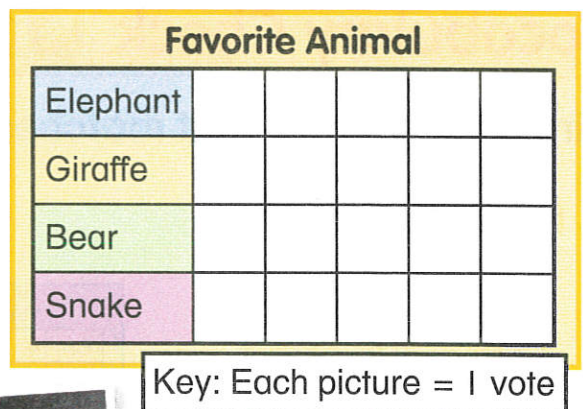


Practice

Use the tally chart to make a picture graph.

1.

Favorite Animal	Tally	Total
Elephant		4
Giraffe		5
Bear		4
Snake		3







Mmm!
Good and
good for you!



Use the tally chart to make a picture graph.

2.

Favorite Cookie	Tally	Total
 Chocolate Chip		4
 Peanut Butter		5
 Oatmeal Raisin		4
 Sugar		3

Favorite Cookie

Chocolate Chip					
Peanut Butter					
Oatmeal Raisin					
Sugar					

Key: Each cookie = 1 vote













Vocabulary Check

Circle the picture that matches the word.

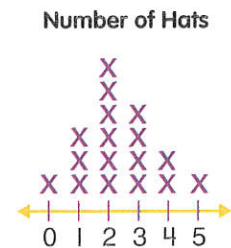
3. **picture graph**

Type of Book	Tally	Total
Scary		
Funny		
Sports		

Favorite Pet

Fish						
Dog						
Cat						

Key: Each animal picture = 1 vote



Math at Home Construct a large picture graph. Have your family graph their favorite dinner.

Name

My Homework

Lesson 3

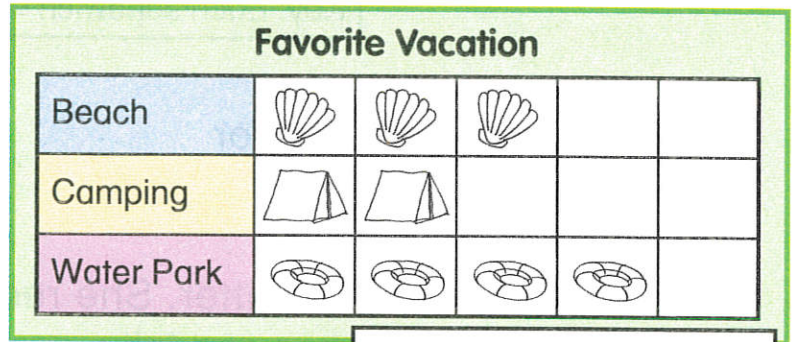
Analyze Picture Graphs

Homework Helper



Need help? connectED.mcgraw-hill.com

You can use the data from a picture graph to answer questions.



Key: Each picture = 1 vote

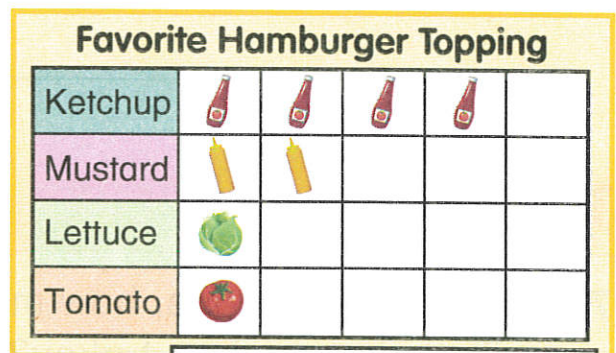
Which vacation got the most votes? water park

Practice

Use the data from the graph to answer the questions.

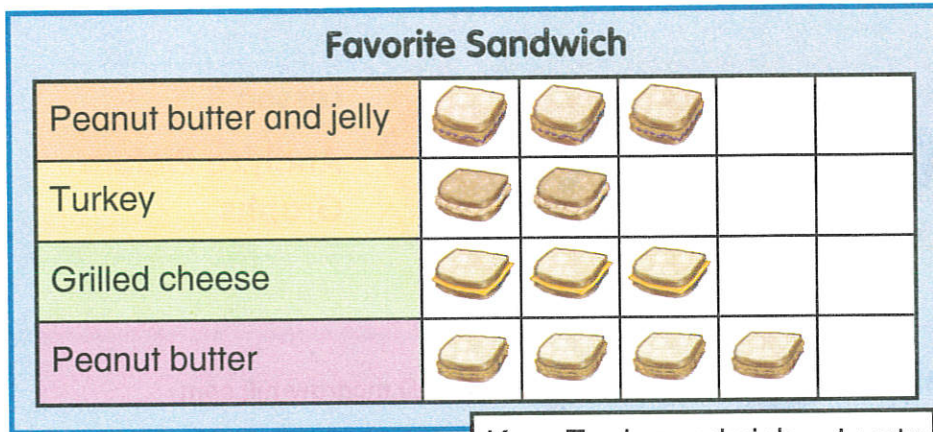
- How many people voted?

- Which topping got the most votes? _____
- Which two toppings got the least votes? _____
- How many people like ketchup or tomato? _____



Key: Each picture = 1 vote

Use the data from the graph to answer the questions.



Key: Each sandwich = 1 vote



- How many people voted for turkey or grilled cheese? _____
- Maria voted for peanut butter. She really wanted to vote for peanut butter and jelly. How would that change the picture graph?

Test Practice

- In the graph above, how many more people like grilled cheese than turkey?

1

2

4

7



Math at Home Create a picture graph for your child about your family's favorite activities. Ask your child questions about the data on the graph.

My Homework

Lesson 4

Make Bar Graphs

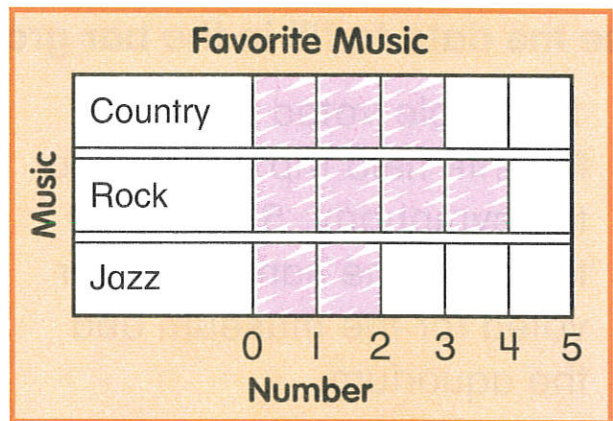
Homework Helper



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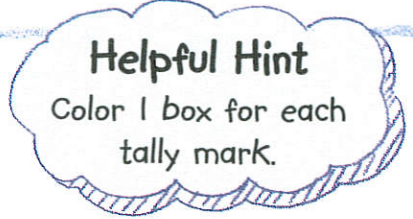
You can use data from a tally chart to make a bar graph.

Favorite Music	Tally	Total
Country		3
Rock		4
Jazz		2



Practice

Use the tally chart to make a bar graph.



1.

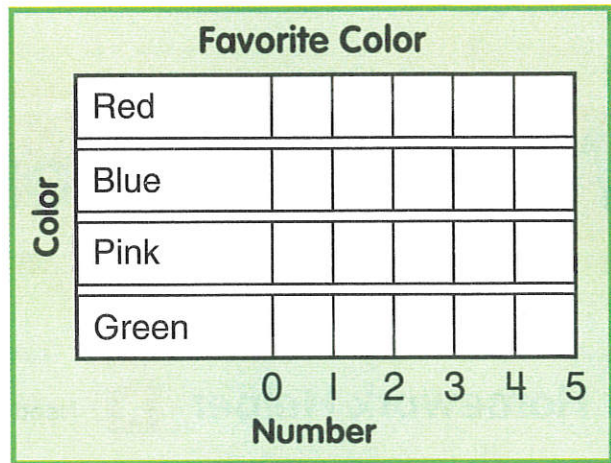
Favorite Bird	Tally	Total
Robin		3
Blue Jay		2
Swan		4
Flamingo		5



Use the tally chart to make a bar graph.

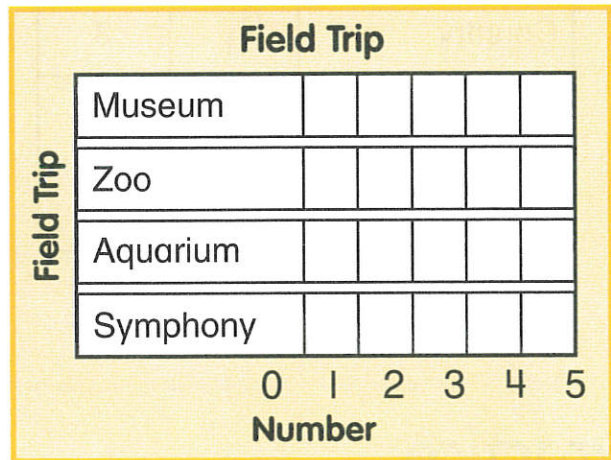
2.

Favorite Color	Tally	Total
Red		4
Blue		5
Pink		4
Green		2



Use the data to fill in the bar graph.

3. 15 people voted on their favorite field trip. 2 voted for the symphony. 5 voted for the zoo. The same number voted for the museum and the aquarium.

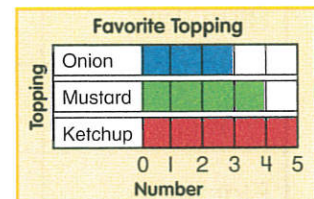
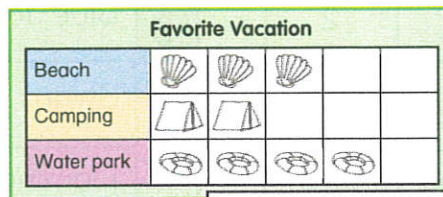


Vocabulary Check



4. Circle the **bar graph**.

Favorite Milk	Tally	Total
Chocolate		5
White		2
Strawberry		3



Math at Home Help your child make a bar graph of the type of weather he or she sees for a week.

My Homework

Lesson 5

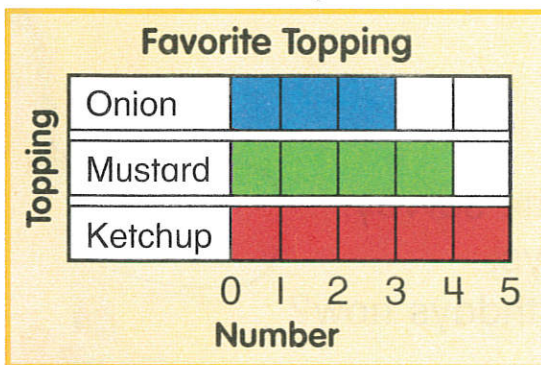
Analyze Bar Graphs

Homework Helper



Need help? connectED.mcgraw-hill.com

You can answer questions using the data from a bar graph.



How many students were surveyed?

12 students were surveyed.

Practice

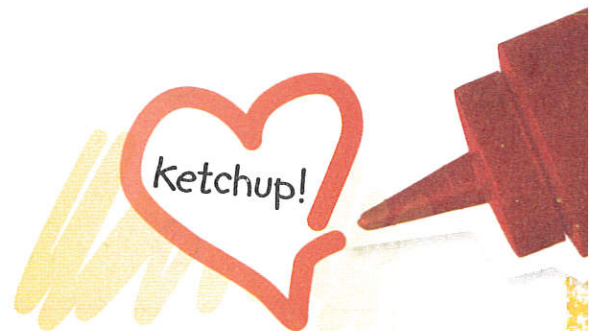
Use the bar graph to answer the questions.

- How many people voted for mustard?

- What topping do most people like?

- Which topping is liked the least?

- How many people like mustard or onion? _____



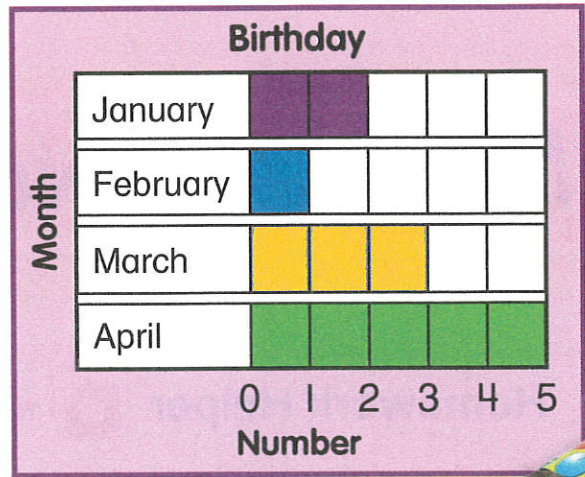
Use the bar graph to answer the questions.

5. How many people have April birthdays?

6. How many birthdays are in February and March?

7. How many people were surveyed in all?

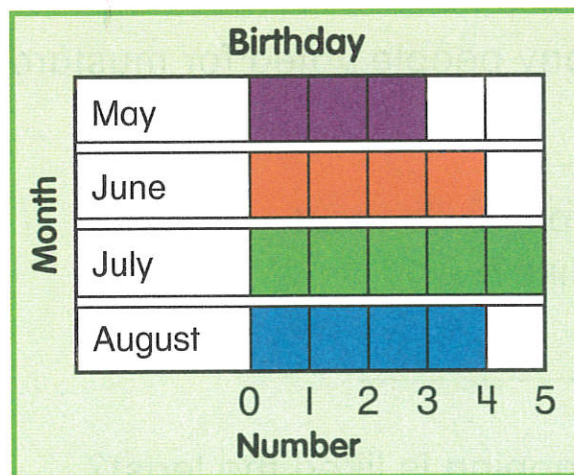
8. Four more people answered the survey. They all had February birthdays. Which month has the most birthdays now?



Test Practice

9. How many birthdays are in May and August?

- | | |
|-----------------------|-----------------------|
| 8 | 7 |
| <input type="radio"/> | <input type="radio"/> |
| 4 | 3 |
| <input type="radio"/> | <input type="radio"/> |



Math at Home Ask your child how he or she analyzed the bar graphs on this page.

Name

My Homework

Lesson 6

Problem Solving: Make a Table



Each hen lays the same number of eggs.
1 hen lays 3 eggs. Two hens lay 6 eggs.
Three hens lay 9 eggs. How many eggs will
6 hens lay?

1 Understand Underline what you know.
Circle what you need to find.

2 Plan How will I solve the problem?

3 Solve I will make a table.

Each hen lays 3 eggs.
So, 6 hens will lay
18 eggs.

Hens	Eggs
1	3
2	6
3	9
4	12
5	15
6	18

4 Check Is my answer reasonable?



Problem Solving

Underline what you know. Circle what you need to find.

1. Four turtles fit in one tank. Jose has 3 tanks.
How many turtles can he have?

_____ turtles

2. Nine children want to feed the birds. They each have 2 bags of seed. How many bags of seed are there in all?

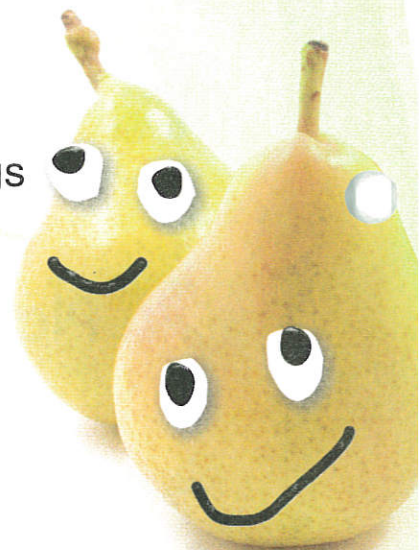
_____ bags

3. Shandra is giving a snack bag to each of her 4 friends. She puts 4 pear slices in each bag. How many pear slices are there in all?

_____ pear slices

4. Eight children are making snowmen. Each snowman needs 3 snowballs. How many snowballs do the children need in all?

_____ snowballs



Math at Home Have your child make a table to show how many meals he or she eats in a week.

Name _____

My Homework

Lesson 7

Make Line Plots

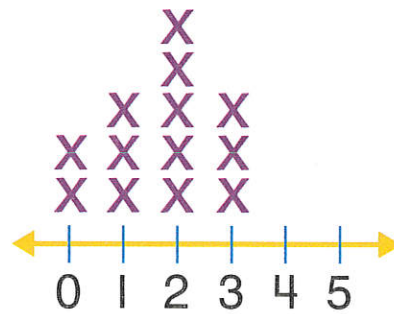
Homework Helper



Need help? connectED.mcgraw-hill.com

You can use data from a tally chart to make a line plot. Line plots show how often a certain number occurs in data.

Sports	Tally
0	
1	
2	
3	

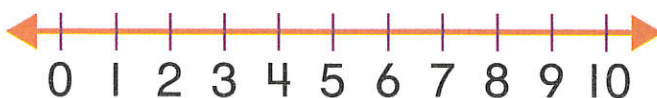


Practice

Use the tally chart to make a line plot.

1.

Siblings	Tally
0	
1	
2	
3	



Use the tally chart to make a line plot.

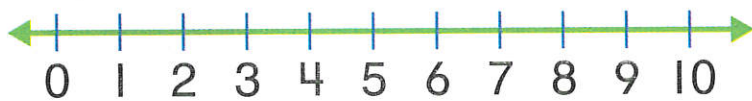
2.

Second Grade Classes	Tally
1	
2	
3	
4	



3.

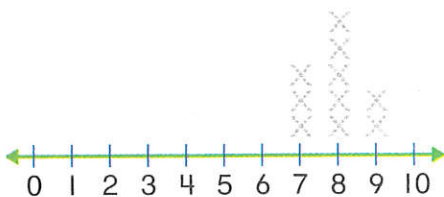
Swings	Tally
5	
6	
7	
8	



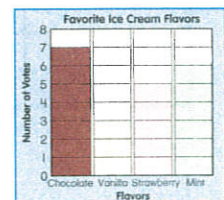
Vocabulary Check



4. Circle the **line plot**.



Our Favorite Toys						
Balls						
Skates						
Stuffed animals						



Math at Home Help your child take a survey of the ages of his or her cousins. Have your child make a line plot to show the data.

My Homework

Lesson 8

Analyze Line Plots

Homework Helper



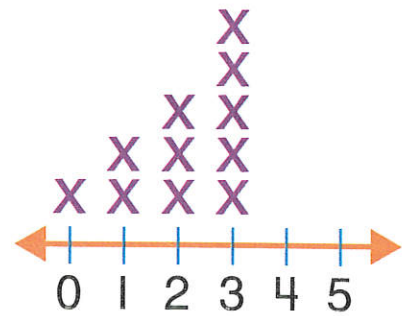
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You can answer questions from data in line plots.

How many friends have 3 dolls?

5 friends each have 3 dolls.

Number of Dolls



Practice

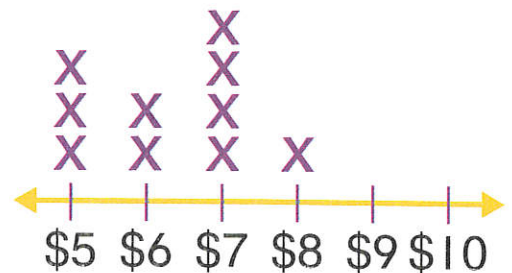
Use the data from the line plot to answer the questions.

1. How many people get \$5? _____

2. How much allowance do most people get?

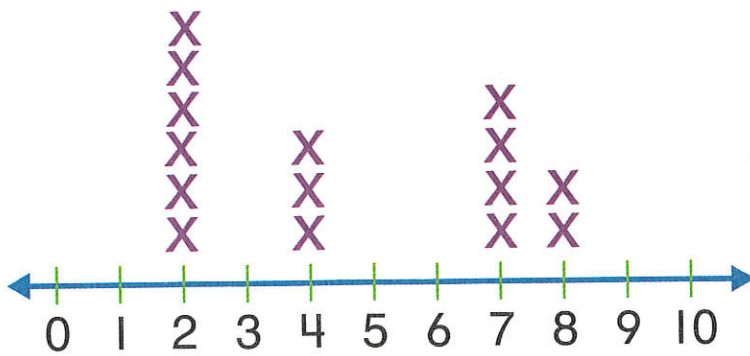
3. How many people get more than \$6?

My Friends' Allowances



Use the data from the line plot to answer the questions.

Number of Pennies



I wonder if mom would let me have five dogs!

4. How many people found pennies?

5. How many people found more than 5 pennies?

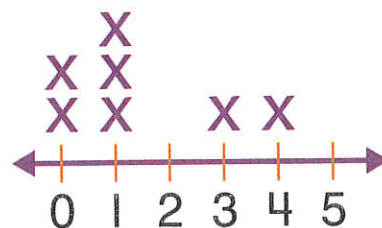
6. How many people found less than 5 pennies?

Test Practice

7. How many people have 5 dogs?

- | | |
|-----------------------|-----------------------|
| 3 | 2 |
| <input type="radio"/> | <input type="radio"/> |
| 1 | 0 |
| <input type="radio"/> | <input type="radio"/> |

Number of Dogs



Math at Home Make a line plot about the number of healthy food choices your child makes each day. Ask your child questions about the line plot at the end of a week.