

Name _____

Survey Time

Margo asked 20 classmates about their favorite wild animals. Use the clues to complete the chart.

Favorite Wild Animals	
Animal	Tally
zebra	
lion	
giraffe	
elephant	I

1. One more classmate chose zebra than elephant. Draw tally marks for zebra.

2. One fewer classmate chose lion than elephant. Draw tally marks for lion.

3. The other classmates chose giraffe. Draw tally marks for giraffe.

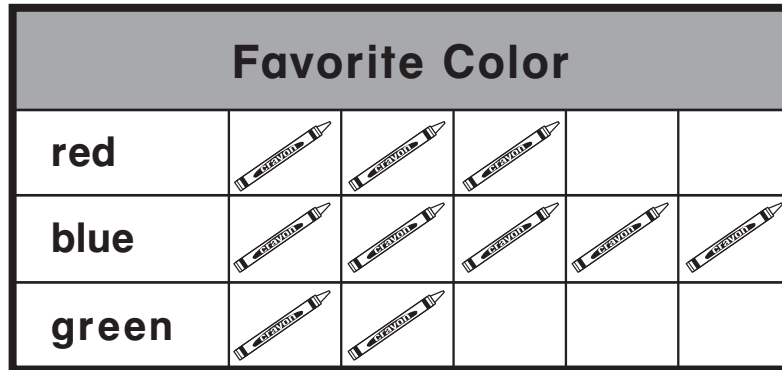


Writing and Reasoning Explain how you found the number of tally marks for giraffe.

Name _____

Read Picture Graphs

A picture graph uses pictures to show information.



Key: Each  stands for 1 child.

The row with blue has 5 pictures.

So, 5 children chose blue.

Use the picture graph to answer the questions.

1. How many children chose red? _____ children

2. Did more children choose green or choose red? _____



















3. Which color was chosen by the most children? _____

4. How many children in all chose a favorite color? _____ children

Name _____

Favorite Fruit

Jake asked his classmates to choose their favorite fruit. He used a key of 2 for his picture graph.

Favorite Fruit						
apple						
banana						
orange						
watermelon						

Key: Each  stands for 2 children.

1. How many children chose apple? _____ children

2. Which fruit was chosen by the most children? _____


3. How many children in all chose banana or chose orange? _____ children












Writing and Reasoning Explain how you solved Exercise 3.

Name _____

Make Picture Graphs


This picture graph uses 1 picture for each animal.
Draw a  for each tally mark.

Animals at the Pet Store	
Animal	Tally
fish	
hamster	
turtle	






Animals at the Pet Store					
fish					
hamster					
turtle					

Key: Each  stands for 1 animal.

How many turtles are at the pet store? 3 turtles

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

Favorite Color	
Color	Tally
pink	
yellow	
blue	

Favorite Color					
pink					
yellow					
blue					

Key: Each  stands for 1 child.

2. Which color did the fewest children choose? _____
-
3. How many children chose pink? _____ children
-
4. How many more children chose blue than chose yellow? _____ more children

Name _____

A Lot of Pets

Lily asked her classmates to choose their favorite pet.

- Seven classmates chose cat.
- Three fewer classmates chose dog than cat.
- Six classmates chose fish.
- Three fewer classmates chose rabbit than fish.

1. Use the clues to complete the picture graph for Lily's survey.

Favorite Pet							
cat							
dog							
fish							
rabbit							

Key: Each 😊 stands for 1 child.

2. How many classmates in all answered the survey? _____ classmates



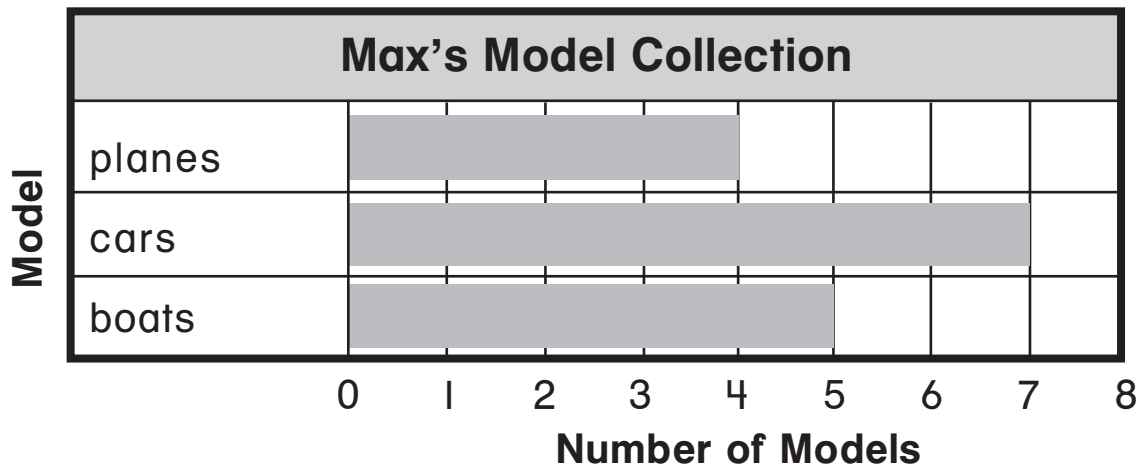
Writing and Reasoning How many classmates chose a pet that was not a cat? Explain.

Name _____

Read Bar Graphs

Look at the number below the right end of each bar.

This number tells how many of each model Max has.



The bar for model cars ends at 7.

So, Max has 7 car models.

Use the bar graph.

1. How many model planes does Max have? _____ model planes

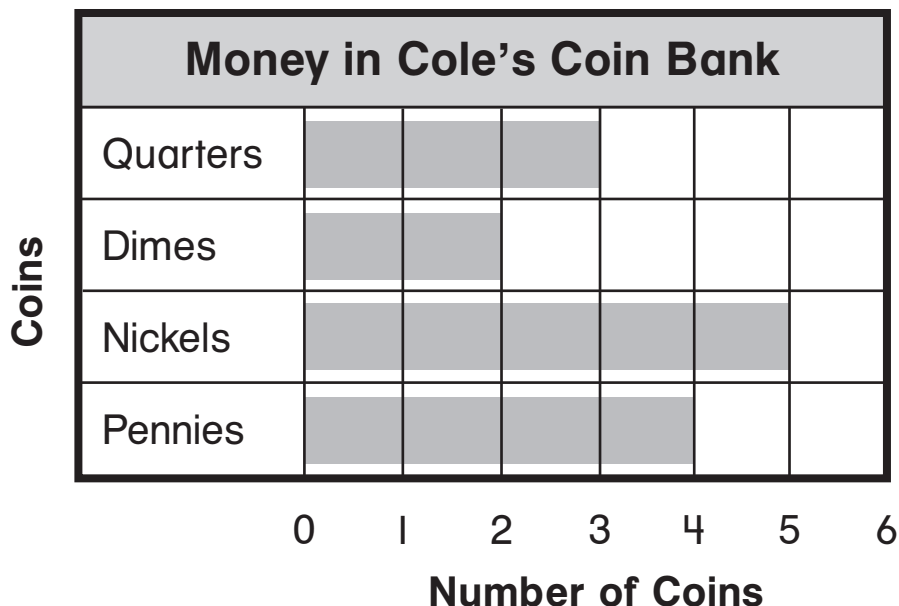
2. Does Max have more model boats or model planes? more model _____

3. How many models does Max have in all? _____ models

Name _____

Money in the Bank

Cole has these coins in his coin bank.



1. How many coins in all are in Cole's coin bank? _____ coins

2. What is the total value of the dimes in Cole's bank? _____

3. Do all the dimes or all the nickels have a greater total value? _____



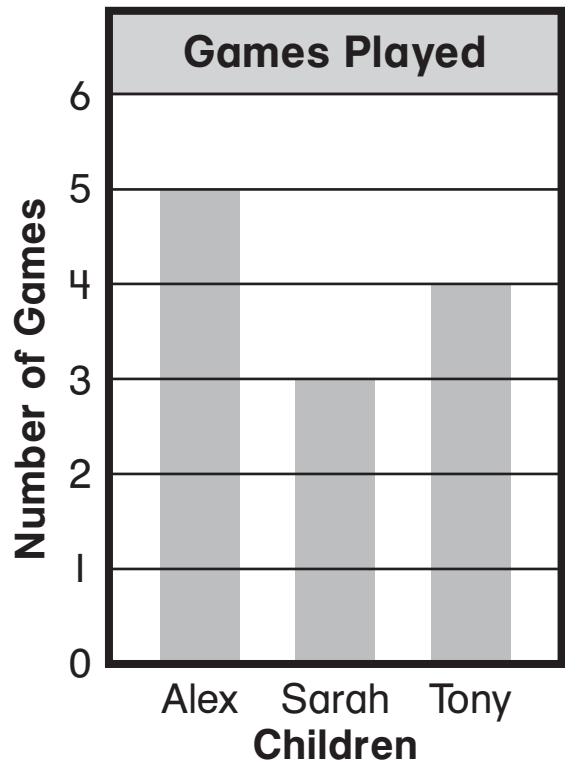
Writing and Reasoning How did you find the answer to Exercise 3?

Name _____

Make Bar Graphs

This bar graph shows how many games Alex, Sarah, and Tony played.

- Alex played 5 games.
- Sarah played 3 games.
- Tony played 4 games.

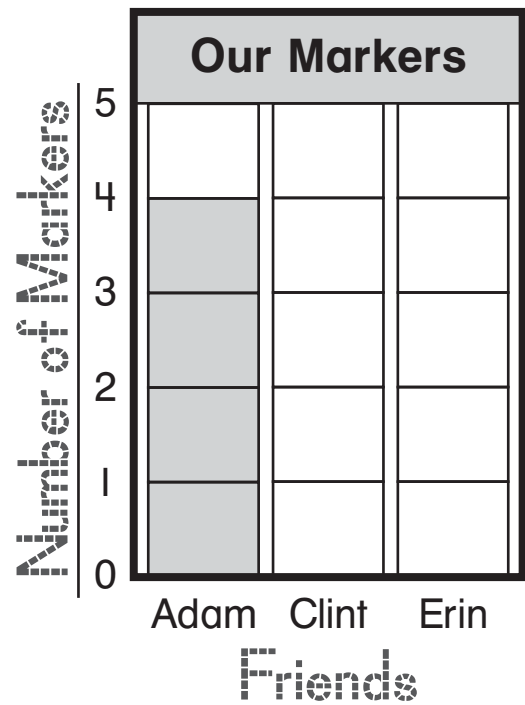


Jim is making a bar graph to show the number of markers his friends have.

- Adam has 4 markers.
- Clint has 3 markers.
- Erin has 2 markers.

1. Trace the labels for the graph.

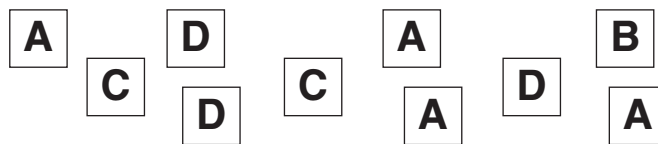
2. Draw bars in the graph to show the number of markers that Clint and Erin have.



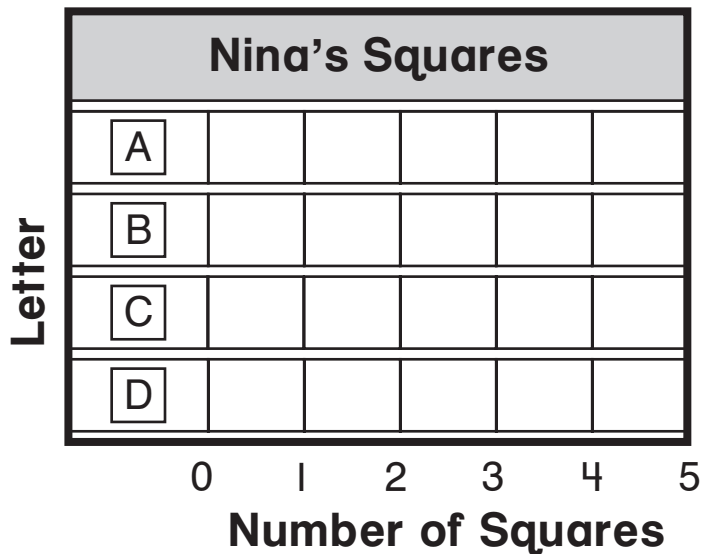
Name _____

A Lot of Squares

Nina drew some squares.
She wrote letters in the squares.



1. Draw bars in the graph to show the number of each kind of letter square Nina drew.
2. How many letter squares did Nina draw that were not vowels?



_____ letter squares

3. Write a question you can answer by using the data in the graph. Ask a classmate to answer your question.



Writing and Reasoning

How did you know how long to draw the bars for each kind of square?

Name _____

Problem Solving • Display Data

The list shows how many hours Morgan worked on her project. Describe how the number of hours changed from Week 1 to Week 4.

Week 1	1 hour
Week 2	2 hours
Week 3	3 hours
Week 4	4 hours

Unlock the Problem

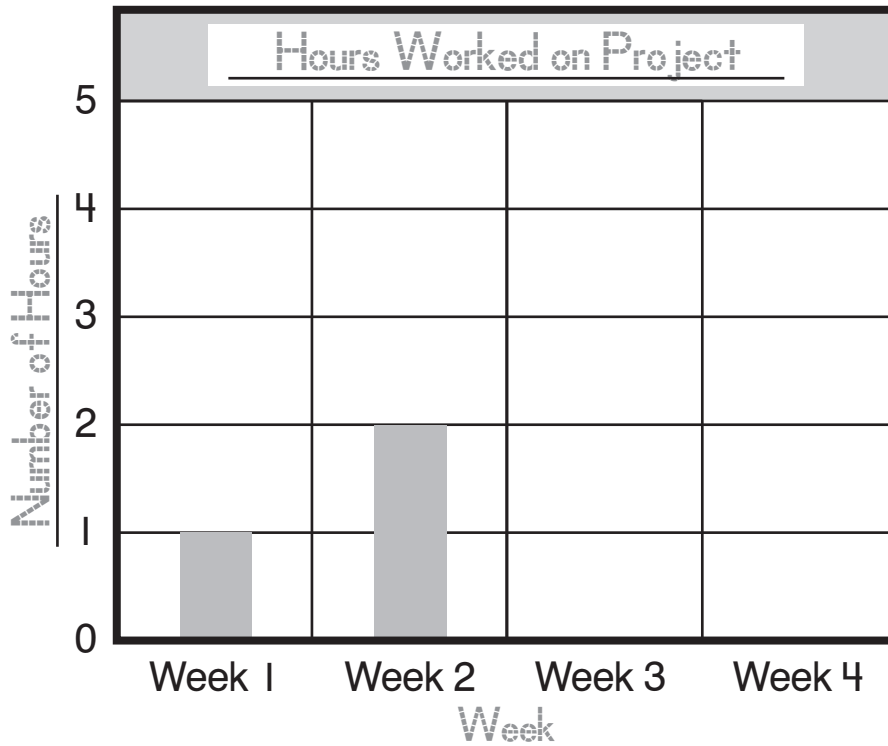
What do I need to find?

how the number of hours changed from Week 1 to Week 4

What information do I need to use?

the number of hours Morgan worked on her project each week

Show how to solve the problem.



The number of hours _____

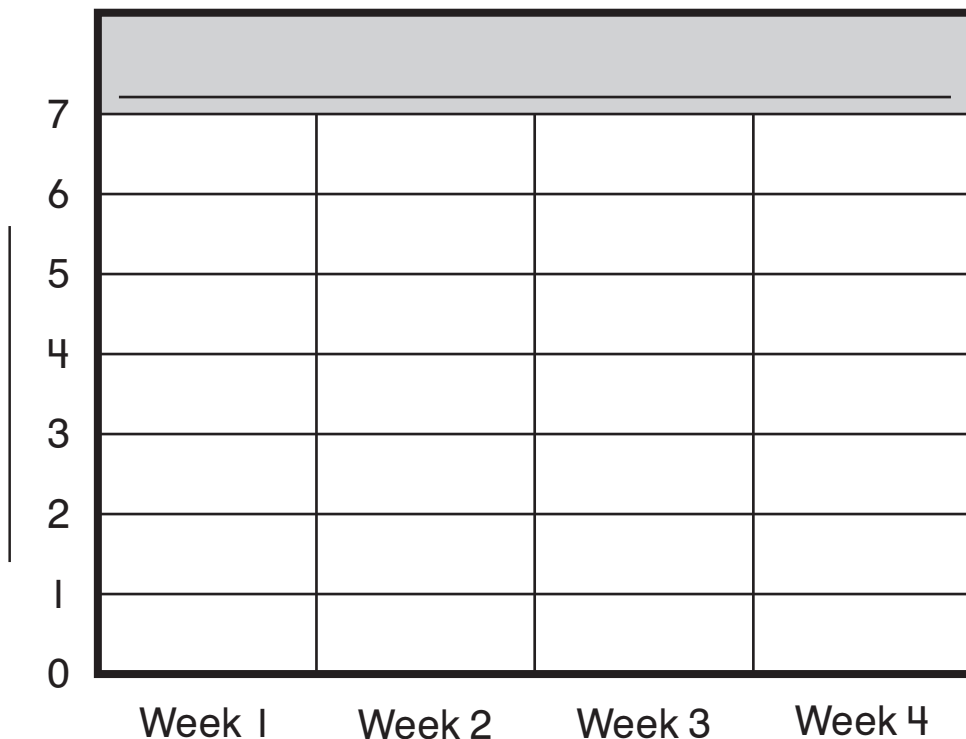
Name _____

In the Garden

Make a bar graph to solve.

Week 1	3 hours
Week 2	4 hours
Week 3	6 hours
Week 4	5 hours

1. Mr. Adams made a list of the hours he spent gardening in June. Describe how the number of hours changed from Week 1 to Week 4.



The number of hours _____



Writing and Reasoning Suppose Mr. Adams spends 7 hours gardening in Week 5. How would the number of hours change from Week 1 to Week 5? Explain.
