

1. Nathan asked his friends to name their favorite vegetable. Use the data to make a tally chart.

peas—4 friends

carrots—9 friends

broccoli—1 friend

corn—5 friends

Favorite Vegetable	
Vegetable	Tally
peas	
carrots	
broccoli	
corn	

2. Does the sentence describe the data in the tally chart above? Choose Yes or No.

Broccoli is the least favorite vegetable. Yes No

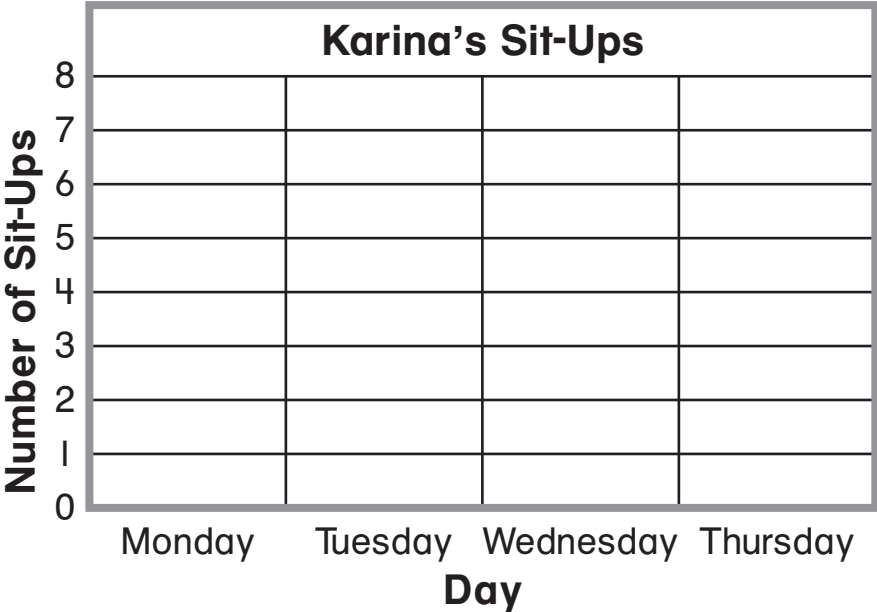
More than 10 friends chose peas and carrots together. Yes No

More friends chose corn than carrots. Yes No

3. Nathan asks 7 more friends to choose their favorite vegetable. 6 friends choose peas and 1 friend chooses corn. Do more friends choose peas or carrots now? Explain.

4. Karina counted the number of sit-ups she did each day. Describe how the number of sit-ups changed from Monday to Thursday. Make a bar graph to solve the problem.

Monday—3 sit-ups Wednesday—6 sit-ups
Tuesday—5 sit-ups Thursday—8 sit-ups



The number of sit-ups _____

5. If Karina does 2 more sit-ups on Friday than she did on Thursday, how does the number of sit-ups change from Monday to Friday?



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

Favorite School Subject	
math	
reading	
science	
art	

Favorite School Subject					
math					
reading					
science					
art					

Key: Each ☺ stands for 1 child.

-
7. How many children chose art?

_____ children

-
8. How many more children chose math than science?

_____ more children

-
9. Name two subjects that were chosen by a total of 6 children.



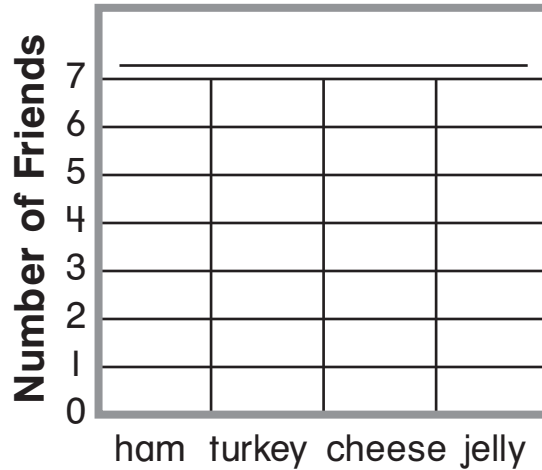
10. Eric asked some friends to name their favorite sandwich. Use the data to complete the bar graph.

4 friends chose ham.

6 friends chose turkey.

1 friend chose cheese.

3 friends chose jelly.



11. Fill in the bubble next to all the sentences that describe the data in the bar graph above.

- 6 friends chose ham.
- Turkey was chosen by the most friends.
- 7 friends chose cheese and jelly together.
- 5 more friends chose turkey than cheese.

12. Did more friends choose cheese and jelly together than ham? Explain.



















13. How many friends chose a sandwich other than turkey?

_____ friends



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? _____

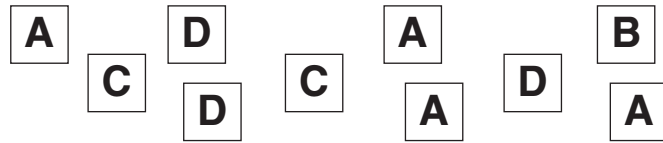
3. How many children in all chose banana or chose orange? _____ children



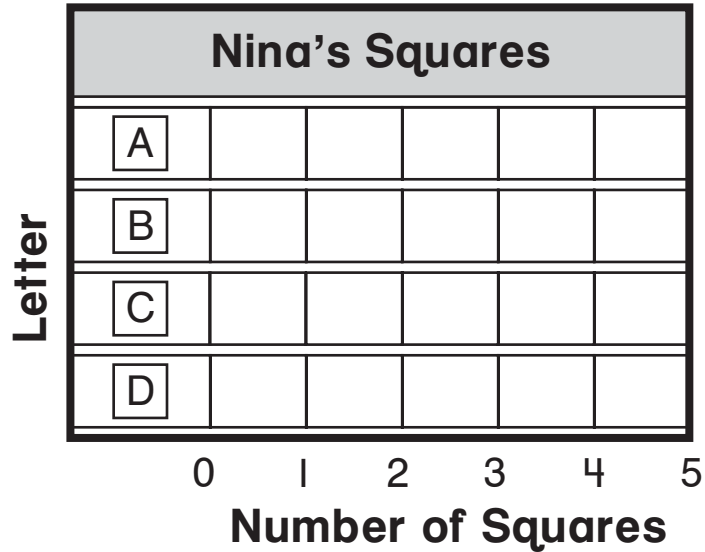
Writing and Reasoning Explain how you solved Exercise 3.

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.



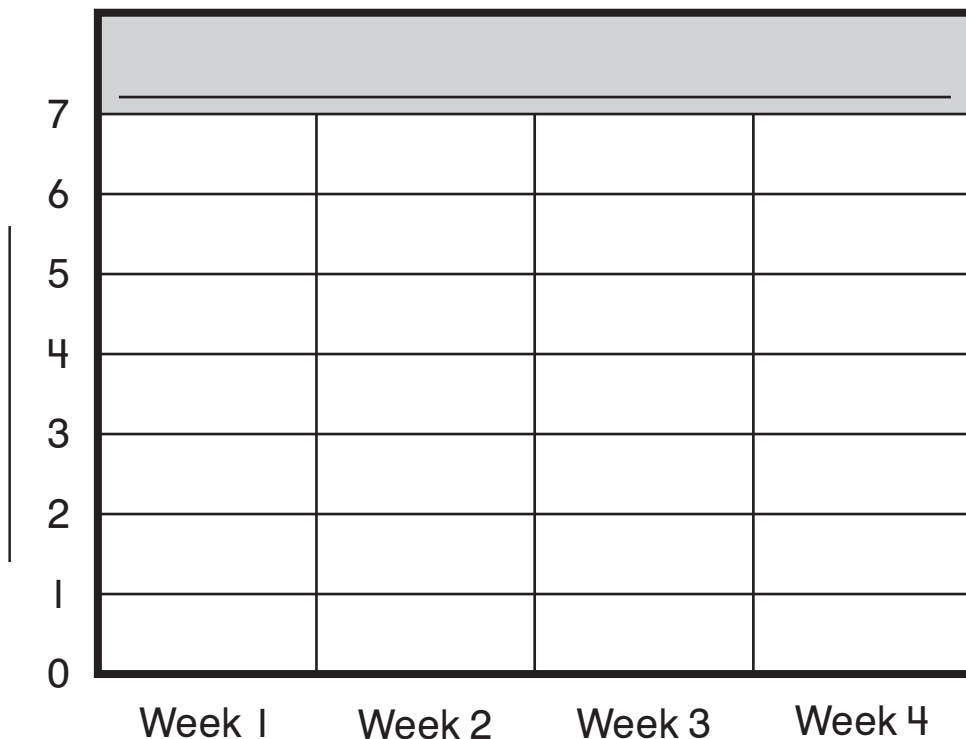
Writing and Reasoning How did you know how long to draw the bars for each kind of square?

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.
