




Homework & Practice 6-2
















Collect and Represent Data

Another Look! The data in a tally chart can be used to complete the picture graph.

Draw pictures to show how many students like to collect shells, stamps, and coins.

Favorite Items to Collect

Shells	Stamps	Coins
		
	 	

Favorite Items to Collect						
	Shells					
	Stamps					
	Coins					

The graph shows that most students like to collect stamps.

How many students like to collect coins? 4

HOME ACTIVITY Make a tally chart titled Favorite Fruit. Show 4 tally marks next to Apples, 6 tally marks next to Bananas, and 3 tally marks next to Cherries. Have your child make a picture graph to illustrate the data. Then ask him or her questions about the information in the picture graph such as, "Which fruit is the least favorite?"



Use the data in the picture graph to solve each problem.

1. Write the items in order from the favorite item to the least favorite item.

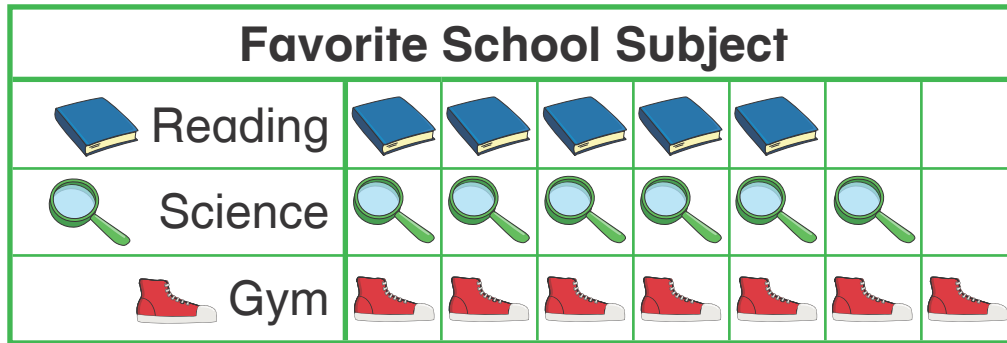
_____ favorite

_____ least

_____ favorite

2. The graph shows that _____ students in all like to collect shells, stamps, or coins.

Use the picture graph to solve each problem below.



3. How many students voted for reading as their favorite subject? _____

4. Which is the favorite school subject? _____

5. **Higher Order Thinking** Write a question that can be answered by the picture graph. Then write an equation to match your question.

_____ ○ _____ = _____

6. **Assessment** How many students voted for Science?

- 5 6 7 13
- (A) (B) (C) (D)

7. **Assessment** How many students voted in all?

- 18 17 12 11
- (A) (B) (C) (D)