





Making Graphs with Pictures and Symbols



NCTM Standards 1, 2, 5, 6, 7, 8, 9, 10

Some children chose their favorite fish. The table shows their choices.

1. Use the data in the table to make a graph.

Fish We Like			
			
Goldfish 	Guppy 	Angelfish 	Neon 


Key: Each 😊 stands for 1 child's choice.

Which of these fish do you like best?	
Goldfish	
Guppy	
Angelfish	
Neon	

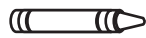
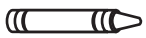

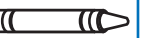
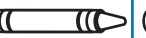

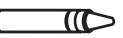

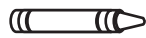
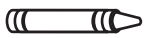

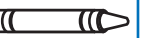





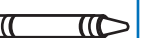


2. Which fish did the most children choose?



 3. How is the graph like the table? How is it different?

 **NOTE:** Your child is learning to make and use pictographs. Ask your child to tell how many children chose angelfish in the graph above.

Matthew asked his classmates to name their favorite colors. The graph shows his data.

Favorite Colors							
red							
yellow							
blue							
orange							
purple							










Key: Each  stands for 1 child's choice.


4. How many children chose purple?  children
5. Which color did the fewest children choose? _____
-  6. How many more children chose red than blue?
Explain how you know.

Problem Solving

7. Use the clues to complete the graph.

- 3 more children chose baseball than football.
- 2 more children chose soccer than football.

Favorite Sports					
basketball					
baseball					
soccer					
football					

Key: Each  stands for 1 child's choice.