

MY Homework

Lesson 2

Draw Scaled Picture Graphs

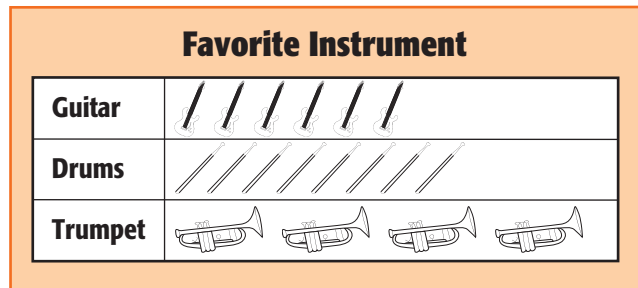
Homework Helper



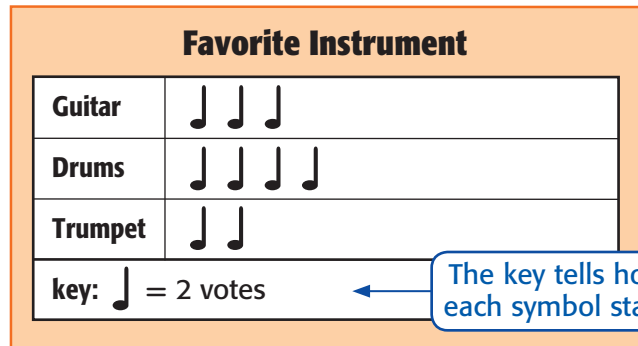
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Eighteen people voted for their favorite instrument. The results are shown in the two graphs below. How many people voted for guitar?

A picture graph uses different pictures to represent each vote.



A pictograph, or scaled picture graph, uses the same symbol to represent more than one vote.



$\text{J} = 2$, so $2 \times 3 = 6$
6 people voted for guitar.

The key tells how many each symbol stands for.

Practice


1. Display the set of data in a pictograph. Then write a sentence that interprets the data.

How I Get to School	
Method	Frequency
Walk	5
Car	8
Bus	12

How I Get to School	
Walk	
Car	
Bus	
key: $\triangle = 2$ students	



2. Display the set of data in a pictograph. Write a sentence that interprets the data.

Dulaney Horse Farm	
Horse	Frequency
Appaloosa	16
Mustang	8
Clydesdale	10

Dulaney Horse Farm	
Appaloosa	
Mustang	
Clydesdale	
key:  = 4 horses	



Problem Solving

3. **Mathematical PRACTICE**  **Understand Symbols** A pictograph key shows 3  symbols. Each symbol represents 7 hikers in the mountains. How many hikers are in the mountains altogether?

Vocabulary Check




Choose the correct word(s) to complete each sentence.

picture graph pictograph key analyze interpret

4. To _____, is to read or study the data on a graph.
5. The _____ in the graph tells how many each symbol stands for.
6. A _____ uses the same symbol to represent more than one vote or tally.

Test Practice

7. A pictograph key shows that each  symbol equals 6 movies. How many symbols equal 18 movies?
- (A) 2 symbols (C) 4 symbols
(B) 3 symbols (D) 5 symbols