

Vote Count Fun

Read survey data and solve.

GRADE 2 • 2.MD.D

CCSS.Math.Content.2.MD.D "Represent and interpret data."

NAME _____

DATE _____

SHOW AND READ DATA

A picture graph uses a key to tell what each symbol means. A bar graph uses bar lengths to show counts. Read the labels and numbers, then compare or add to answer questions.

WORKED EXAMPLE

Use the picture graph. How many books did Jae read?

1. Find Jae's row.
2. Count 6 dots. Each dot means 1 book.
3. Jae read 6 books.

Answer: 6 books

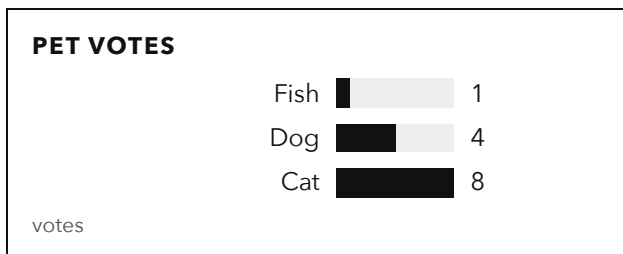
Books Read

Ari	• • •
Jae	• • • • • •
Kai	• • • • • • • •

Key: • Each dot = 1 book

PRACTICE 4 problems

- 1** Use the bar graph. How many votes did Cat get?



ANSWER _____

- 2** In a class survey, 7 children chose turtles and 5 chose rabbits. How many more children chose turtles?

ANSWER _____

- 3** At a toy vote, 10 children picked blocks and 1 child picked puzzles. Which toy got fewer votes?

ANSWER _____

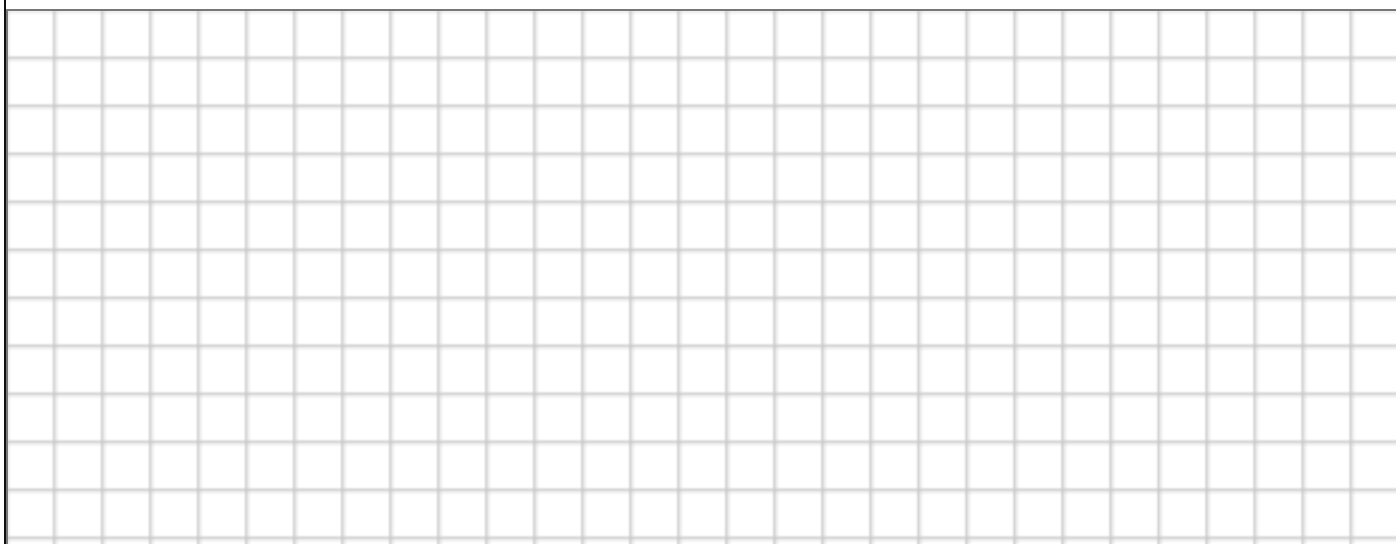
- 4** A fruit survey has 4 votes for apples and 7 votes for oranges. How many votes are there in all?

ANSWER _____

APPLY IT Show your work

At recess, 7 children chose jump rope and 2 chose hopscotch. Draw a bar graph.

- 1** Label the choices and an axis from 0 to 8, with one square for each child. Give it a title. How many more chose jump rope?



ANSWER _____

- 2** In a lunch vote, 1 child chose tacos and 7 children chose sandwiches. How many children voted?

WORK SPACE

ANSWER _____

CHALLENGE One step up

For a weekend trip, 10 children voted for the zoo, 8 voted for the aquarium, and 4 voted for the park. Which two places got 18 votes altogether? Explain how you know.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Use the bar graph. How many votes did Cat get?	8 votes
2	In a class survey, 7 children chose turtles and 5 chose rabbits. How many more children chose turtles?	2 children
3	At a toy vote, 10 children picked blocks and 1 child picked puzzles. Which toy got fewer votes?	puzzles
4	A fruit survey has 4 votes for apples and 7 votes for oranges. How many votes are there in all?	11 votes

PART 2 • APPLY IT

1. **Bars at 7 for jump rope and 2 for hopscotch; 5 more children.** Graph has both choice labels, a title and a 0-8 single-unit scale. $7 - 2 = 5$.
2. **8 children** Add the two groups, $1 + 7$.

CHALLENGE

The zoo and the aquarium. $10 + 8 = 18$.

Accept number words or numerals. For the challenge, accept any clear explanation that identifies the zoo and aquarium and shows that their votes total 18.