LESSON MAKER PRO

Graph Story Math

Use picture graphs and bar graphs to solve stories.

GRADE 2 · 2.D.1.3

2.D.1.3 "Write and solve one-step word problems involving addition or subtraction using data represented within pictographs and bar graphs with intervals of one."

NAME _____ DATE _____

READ, THEN SOLVE

Look at the graph to find the numbers you need. Add to find how many in all, or subtract to find how many more.

WORKED EXAMPLE

The graph shows paper decorations. How many kites and balloons are there in all?

Paper Decorations

Kites	★★
Balloons	★★★

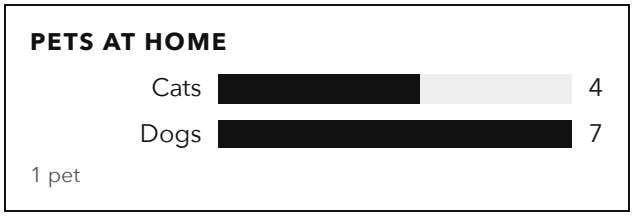
Key: ★ = 1 decoration

1. Each ★ stands for 1 decoration.
2. Count 2 kites and 3 balloons.
3. Add: 2 + 3 = 5.

Answer: 5 decorations

PRACTICE 5 problems

1 How many cats and dogs are shown in all?



ANSWER _____

2 How many more children chose apples than crackers?

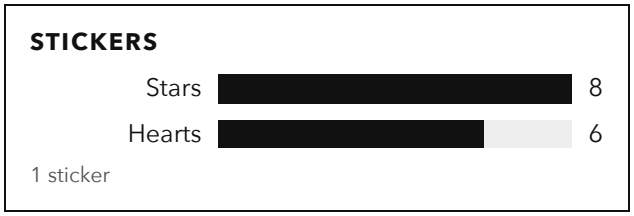
Snack Choices

Apples	● ● ● ● ● ● ● ● ● ●
Crackers	● ● ● ●

Key: ● = 1 child

ANSWER _____

3 How many star and heart stickers are shown in all?



ANSWER _____

4 How many more animal books than comic books are shown?

Books on a Shelf

Animal books	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Comic books	■ ■ ■ ■ ■ ■ ■

Key: ■ = 1 book

ANSWER _____

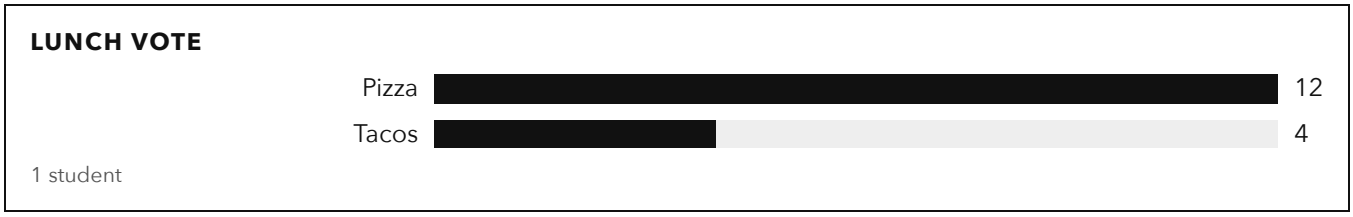
5 How many children played tag or jumped rope?



ANSWER _____

APPLY IT Show your work

1 Your class voted for a lunch. How many more students chose pizza than tacos?



ANSWER _____

2 At art time, each child picked one paint color. How many children picked blue or red?

Paint Choices

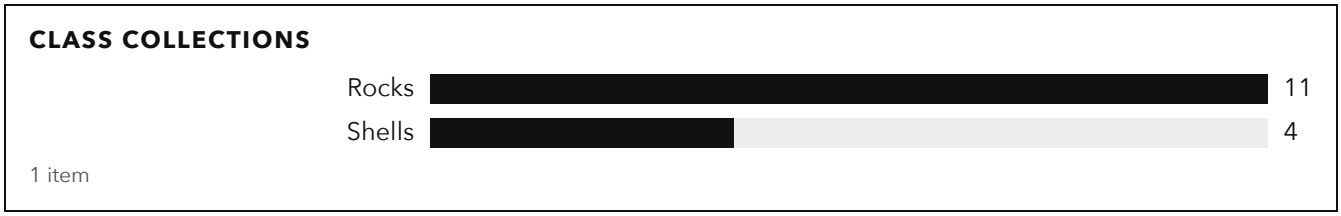
Blue	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲
Red	▲ ▲ ▲ ▲ ▲ ▲ ▲

Key: ▲ = 1 child

ANSWER _____

CHALLENGE One step up

A class made a collection table. How many more rocks than shells did they collect? Write a subtraction sentence and one sentence to explain.



WORK SPACE AND ANSWER

ANSWER KEY

Graph Story Math

GRADE 2 · 2.D.1.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	How many cats and dogs are shown in all?	**11 pets**
2	How many more children chose apples than crackers?	**6 children**
3	How many star and heart stickers are shown in all?	**14 stickers**
4	How many more animal books than comic books are shown?	**4 books**
5	How many children played tag or jumped rope?	**17 children**

PART 2 · APPLY IT

1. **8 students** Subtract the taco votes from the pizza votes: 12 - 4 = 8.
2. **15 children** Add the children who picked each color: 8 + 7 = 15.

CHALLENGE

11 - 4 = 7. The class collected 7 more rocks than shells.

Accept answers with or without units when the number is correct. For the challenge, accept any correct subtraction sentence and one sentence explaining the difference.