LESSON MAKER PRO

Bar Graph Detectives

Use bar graphs to solve story problems.

GRADE 2 · 2.DA.A.16.a

2.DA.A.16.a "Using information presented in a bar graph, solve simple "put-together," "take-apart," and "compare" problems."

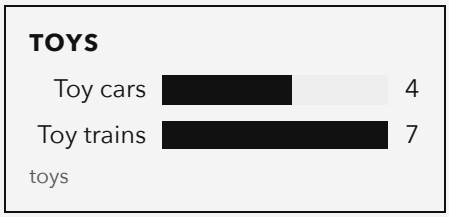
NAME _____ DATE _____

READ THE BARS

Each bar shows how many are in one group. Add bar heights to find how many in all. Subtract to find how many more or how many are not in one group.

WORKED EXAMPLE

Look at the graph. How many toy cars and toy trains are there in all?

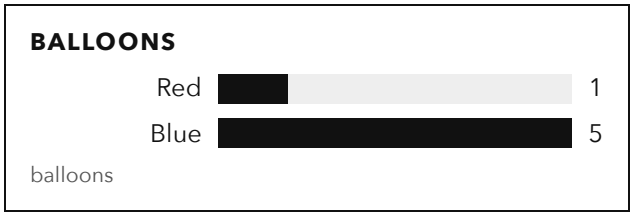


1. Read the bars: 4 toy cars and 7 toy trains.
2. Add: 4 + 7 = 11.

Answer: 11 toys

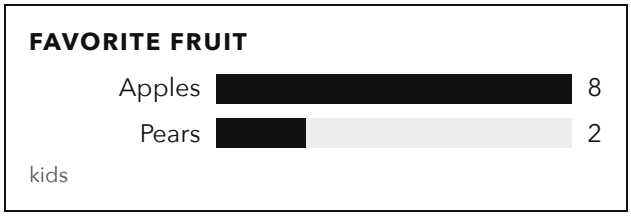
PRACTICE 5 problems

1 Look at the graph. How many red and blue balloons are there in all?



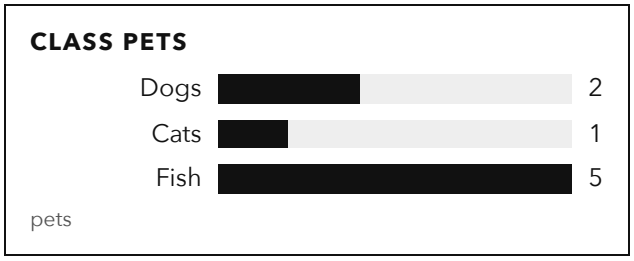
ANSWER _____

2 Look at the graph. How many more kids chose apples than pears?



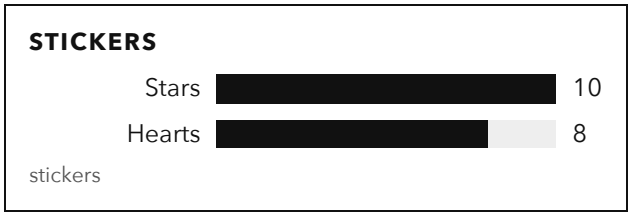
ANSWER _____

3 Look at the graph. How many pets are not fish?



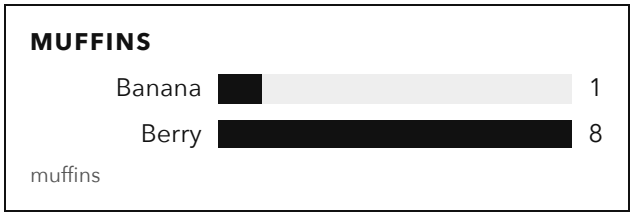
ANSWER _____

4 Look at the graph. How many more stickers are stars than hearts?



ANSWER _____

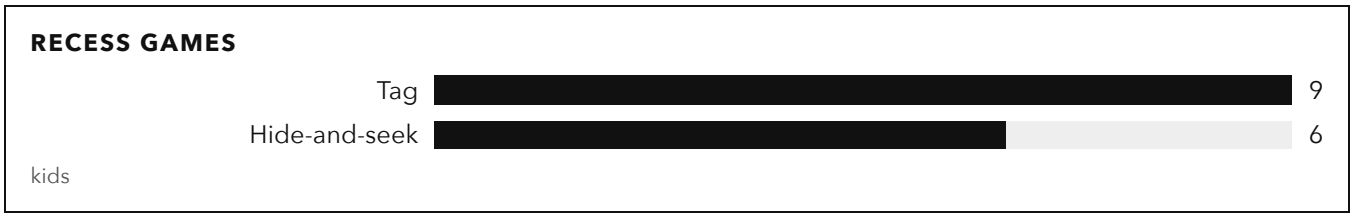
5 Look at the graph. How many muffins are there in all?



ANSWER _____

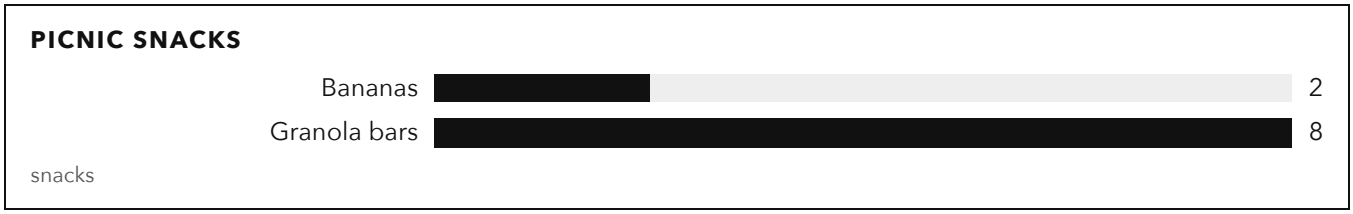
APPLY IT Show your work

1 Kids voted for a game to play at recess. Look at the graph. How many more kids chose tag than hide-and-seek?



ANSWER _____

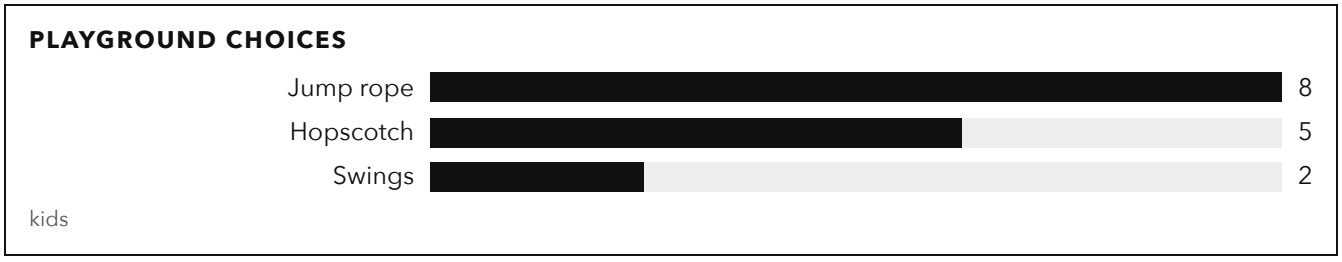
2 A class put snacks on a picnic table. Look at the graph. How many snacks did they put out in all?



ANSWER _____

CHALLENGE One step up

Mia says to add the jump rope and hopscotch bars to find how many more kids chose jump rope. Is she right? Write one sentence with the correct number and why.



WORK SPACE AND ANSWER

ANSWER KEY

Bar Graph Detectives

GRADE 2 · 2.DA.A.16.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Look at the graph. How many red and blue balloons are there in all?	**6 balloons**
2	Look at the graph. How many more kids chose apples than pears?	**6 kids**
3	Look at the graph. How many pets are not fish?	**3 pets**
4	Look at the graph. How many more stickers are stars than hearts?	**2 stickers**
5	Look at the graph. How many muffins are there in all?	**9 muffins**

PART 2 · APPLY IT

1. **3 kids** Subtract the hide-and-seek votes from the tag votes: 9 - 6 = 3.
2. **10 snacks** Add the two bar heights: 2 + 8 = 10.

CHALLENGE

No, 8 - 5 = 3, so 3 more kids chose jump rope than hopscotch.

Accept answers without units when the number is correct. For the challenge, accept any one-sentence explanation that rejects addition and finds a difference of 3.