LESSON MAKER PRO

Graph Detective

Read bar graphs to compare and add.

GRADE 2 · 2.DA.A

2.DA.A "Collect and analyze data and interpret results."

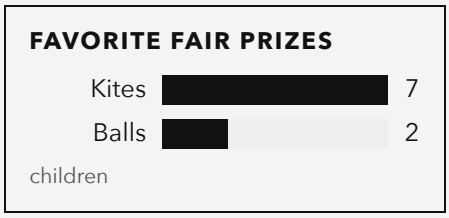
NAME _____ DATE _____

READ THE BARS

A bar graph shows how many are in each group. To find how many more, subtract the smaller number from the larger number.

WORKED EXAMPLE

How many more children picked kites than balls?

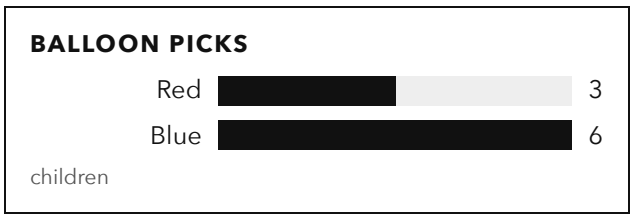


1. Read the bars: 7 chose kites and 2 chose balls.
2. Subtract: 7 - 2 = 5.

Answer: 5 more children picked kites.

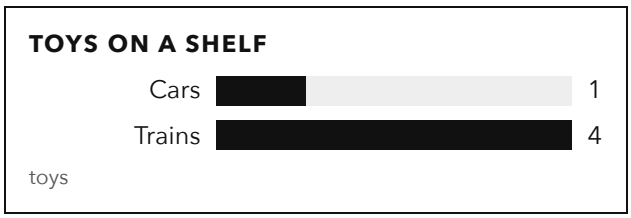
PRACTICE 5 problems

1 How many more children picked blue balloons than red balloons?



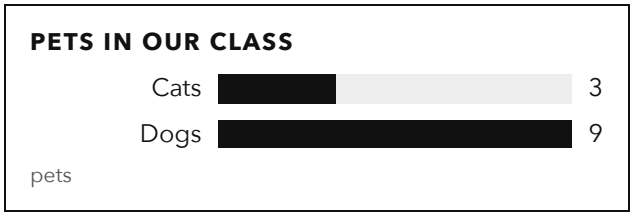
ANSWER _____

2 How many fewer toy cars are there than toy trains?



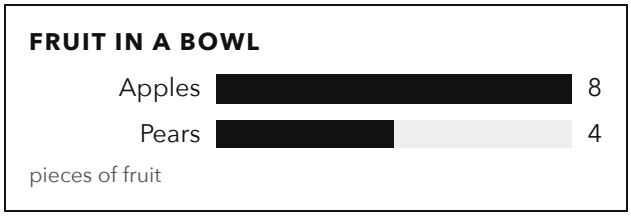
ANSWER _____

3 How many cats and dogs are there altogether?



ANSWER _____

4 How many more apples are there than pears?



ANSWER _____

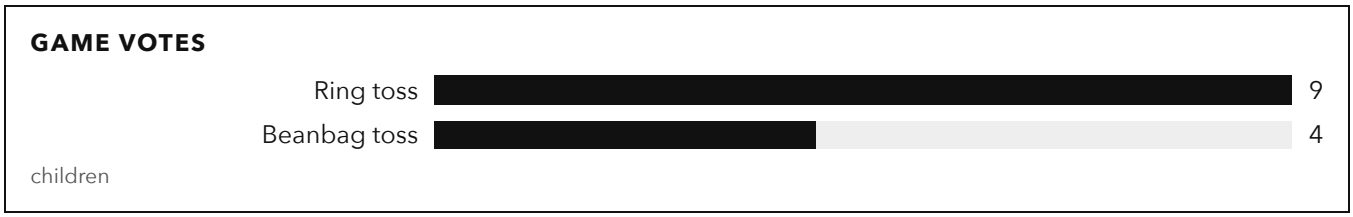
5 How many crayons and markers are there altogether?



ANSWER _____

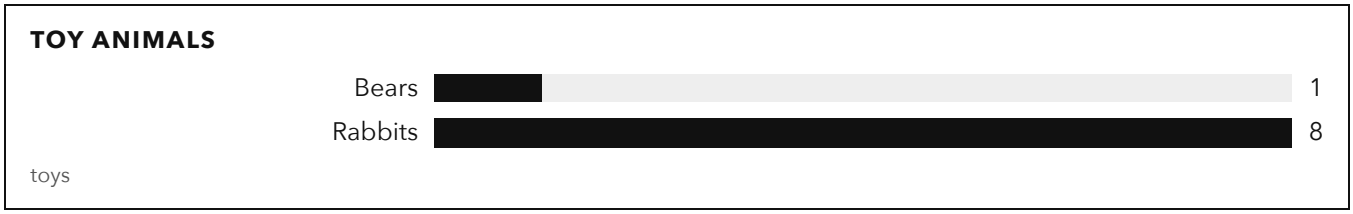
APPLY IT Show your work

1 At the school fair, children voted for a game to play. How many more children voted for the ring toss than the beanbag toss?



ANSWER _____

2 Children brought toy animals for show-and-tell. How many bears and rabbits did they bring altogether?



ANSWER _____

CHALLENGE One step up

Which two snacks did 9 children pick altogether? Tell how you know.



WORK SPACE AND ANSWER

ANSWER KEY

Graph Detective

GRADE 2 · 2.DA.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	How many more children picked blue balloons than red balloons?	**3 children**
2	How many fewer toy cars are there than toy trains?	**3 fewer toy cars**
3	How many cats and dogs are there altogether?	**12 pets**
4	How many more apples are there than pears?	**4 more apples**
5	How many crayons and markers are there altogether?	**9 supplies**

PART 2 · APPLY IT

1. **5 children** Subtract the beanbag toss votes from the ring toss votes: 9 - 4 = 5.
2. **9 toy animals** Add the two bar values: 1 + 8 = 9.

CHALLENGE

Crackers and grapes. 3 + 6 = 9.

Accept correct numbers without units when the unit is clear. For the challenge, accept counting on or an addition equation that shows 3 and 6 make 9.