LESSON MAKER PRO

Graph Clue Hunt

Read graphs to compare and predict.

GRADE 2 · 2.D.1.4

2.D.1.4 "Draw conclusions and make predictions from information in a pictograph and bar graph."

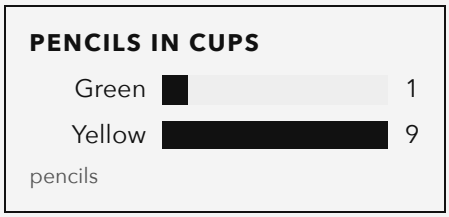
NAME _____ DATE _____

READ THE CLUES

A bar's length shows its number. In a pictograph, the key tells you what each symbol stands for. Use the numbers to compare groups or predict what people might choose next.

WORKED EXAMPLE

How many more yellow pencils than green pencils are in the cups?



1. Read the bars: green has 1 pencil, and yellow has 9.
2. Find the difference: 9 - 1 = 8.

Answer: 8 more pencils

PRACTICE 5 problems

1 How many moon stickers are shown?

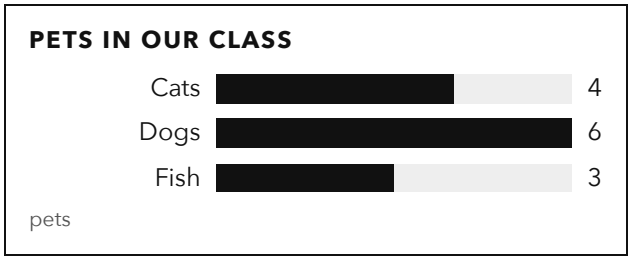
Stickers Collected

Stars	■ ■
Moons	■ ■ ■
Hearts	■ ■ ■ ■

Key: ■ = 2 stickers

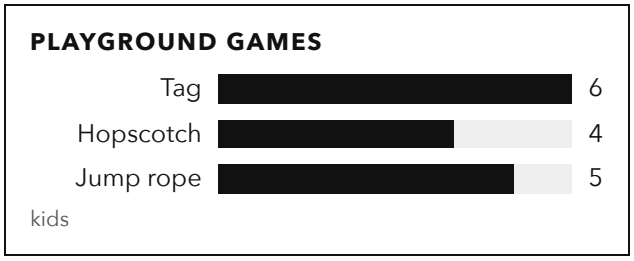
ANSWER _____

2 Which pet is most common?



ANSWER _____

3 How many more kids chose tag than hopscotch?



ANSWER _____

4 The library will buy more books next month. Which kind will students probably pick most?

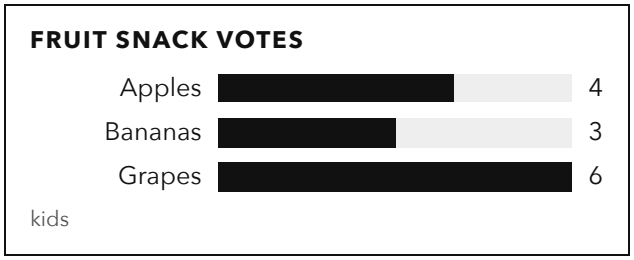
Books Picked This Month

Comics	★★★
Animal books	★★
Space books	★★★★

Key: ★ = 2 books

ANSWER _____

5 How many kids voted for apples and bananas in all?



ANSWER _____

APPLY IT Show your work

1 Kids voted for snacks for the class party. How many more kids voted for cheese than pretzels?

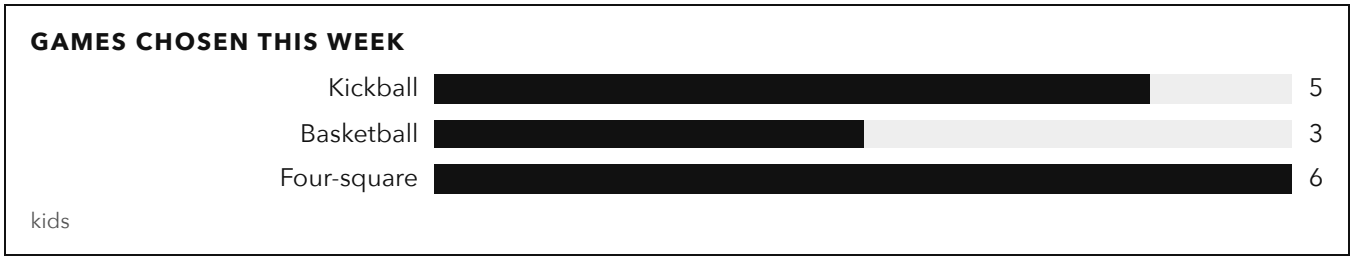
Party Snack Votes

Popcorn	● ● ●
Pretzels	● ●
Cheese	● ● ● ●

Key: ● = 2 votes

ANSWER _____

2 Next recess, the class can play one game. Which game do you predict most kids will choose?



ANSWER _____

CHALLENGE One step up

Jada says ropes got 4 votes. Is she right? Tell how you know.

Puppy Toy Votes

Balls	♥ ♥ ♥
Ropes	♥ ♥ ♥ ♥
Squeaky toys	♥ ♥

Key: ♥ = 2 votes

WORK SPACE AND ANSWER

ANSWER KEY

Graph Clue Hunt

GRADE 2 · 2.D.1.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	How many moon stickers are shown?	**6 moon stickers**
2	Which pet is most common?	**Dogs**
3	How many more kids chose tag than hopscotch?	**2 kids**
4	The library will buy more books next month. Which kind will students probably pick most?	**Space books**
5	How many kids voted for apples and bananas in all?	**7 kids**

PART 2 · APPLY IT

1. **4 more kids** Cheese has 8 votes, and pretzels have 4. Subtract 8 - 4 = 4.
2. **Four-square** Four-square had the most kids this week, so it is a reasonable prediction for next recess.

CHALLENGE

No. Each symbol means 2 votes, so 4 symbols mean 8 votes.

Accept equivalent wording for predictions. Students should use the pictograph key when counting votes or objects.