

Chart Choice

Read actual displays, then add and subtract their counts.

GRADE 2 • MA.2.DP.1.2

MA.2.DP.1.2 "Excerpt: Interpret data represented with tally marks, tables, pictographs or bar graphs including solving addition and subtraction problems."

NAME _____

DATE _____

Data tells what was counted

A table puts counts beside category names. A graph shows counts with marks. Read its title, labels and scale or key.

Try it together

How many paint brushes are shown in all?

Paint brushes

Brush size	Number of brushes
Small	3
Large	2

Read the two counts: 3 small and 2 large. Add the counts to find the total. $3 + 2 = 5$ brushes.

All data are made up for practice. Read the display and its labels. Solve each question; write an equation and the unit.

1. Put table counts together

How many dogs and cats are shown in this table? Write an equation and answer.

Pets in one group

Pet	Number of pets
Dogs	5
Cats	3
Birds	2

2. Compare table counts

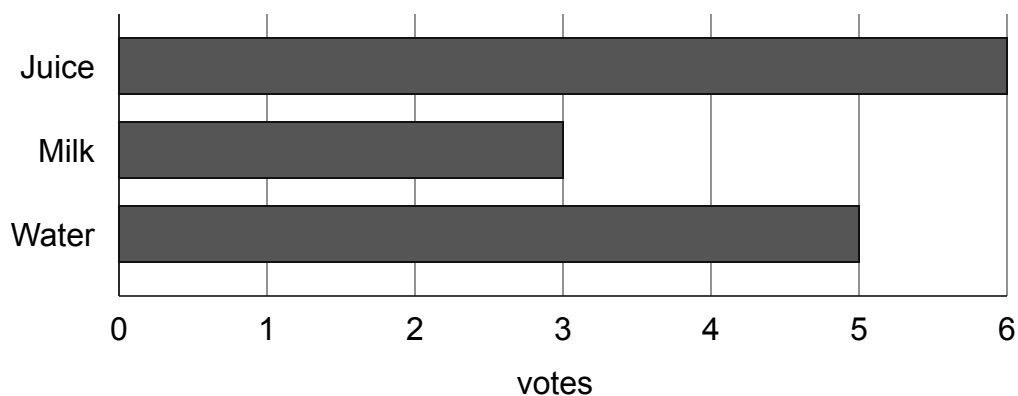
Use the table in task 1. How many fewer birds than dogs are shown? Write an equation and answer.

3. Read and add bars

How many votes went to juice and water altogether? Use the graph and write an equation.

Drink choices

Choice

**4. Compare bars**

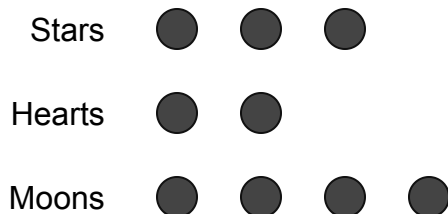
Use the graph in task 3. How many more votes went to juice than milk? Write an equation.

5. Use the picture key

How many star and heart stickers are there in all? Read the key and write an equation.

Sticker collection

Sticker / Pictures



● Key: 1 circle = 5 stickers

6. Compare picture rows

Use the pictograph in task 5. How many more moon stickers than heart stickers are there? Write an equation.

7. Ask and solve

Write a new addition or subtraction question about one supplied display. Give its task number, an equation and the answer.

TEACHER NOTES

Read directions aloud as needed. Check the represented counts and units, not just the choice of operation. Accept sensible titles and equivalent labels. Keep teacher models separate.

TASK 1

$5 + 3 = 8$ pets.

TASK 2

$5 - 2 = 3$ fewer birds.

TASK 3

$6 + 5 = 11$ votes.

TASK 4

$6 - 3 = 3$ more votes.

TASK 5

3 circles mean 15 star stickers; 2 circles mean 10 heart stickers. $15 + 10 = 25$ stickers. Use the key: each circle stands for 5 stickers.

TASK 6

4 circles mean 20 moon stickers. $20 - 10 = 10$ more moon stickers. Use the same key for both categories before subtracting.

TASK 7

Answers vary. Example using task 1: How many pets in all? $5 + 3 + 2 = 10$ pets.