

Chart Detectives

Sort, chart, and read data.

GRADE 2 • MA.2.DP.1

MA.2.DP.1 "Collect, categorize, represent and interpret data using appropriate titles, labels and units."

NAME _____

DATE _____

READ DATA

Data are facts you collect. Sort facts into groups, then make a chart with a title, labels, and a unit. Use the chart to compare groups or find a total.

WORKED EXAMPLE

Lena counted 7 kites and 4 balls. Which toy has more?

1. Title: Lena's Toy Count.
2. Labels: Kites and Balls.
3. 7 is greater than 4.

Answer: Kites, 7 toys.

PRACTICE 4 problems

- 1** Snack votes: crackers 5, grapes 2.
Which snack got fewer votes?

ANSWER _____

- 2** Sam asked friends about pets: cat, dog, cat, dog, cat. Complete the chart: Cats ___, Dogs ___.

ANSWER _____

- 3** Make a chart called Sticker Count.
Add these rows: Stars 6 stickers and
Turtles 5 stickers.

ANSWER _____

- 4** A game chart shows Books 8 and
Puzzles 2. How many items are
there?

ANSWER _____

APPLY IT Show your work

- 1** Ava read these books: animal, space, animal, space, animal, space. Make a chart. Which kind did she read more?

WORK SPACE

ANSWER _____

- 2** A class vote chart shows red 9 votes and blue 6 votes. How many more votes did red get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Prize choices are ball, yo-yo, ball, puzzle, ball, yo-yo, ball, puzzle, ball, yo-yo. Make a chart with a title. Which prize is chosen most?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Snack votes: crackers 5, grapes 2. Which snack got fewer votes?	Grapes, 2 votes.
2	Sam asked friends about pets: cat, dog, cat, dog, cat. Complete the chart: Cats ____, Dogs ____.	Cats 3, Dogs 2.
3	Make a chart called Sticker Count. Add these rows: Stars 6 stickers and Turtles 5 stickers.	Sticker Count: Stars 6 stickers; Turtles 5 stickers.
4	A game chart shows Books 8 and Puzzles 2. How many items are there?	10 items.

PART 2 • APPLY IT

- Book Types: Animal 3 books; Space 3 books. She did not read more of either kind.** Count each kind of book. Both groups have 3 books.
- 3 more votes.** Subtract 6 from 9.

CHALLENGE

Prize Choices: Balls 5 prizes; Yo-yos 3 prizes; Puzzles 2 prizes. Balls are chosen most.

Accept any clear chart with an accurate title, category labels, counts, and units. For the first word problem, accept "the same number" or "neither kind."