

Data Detective

Read charts and solve.

GRADE 2 • MA.2.DP.1.2

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

NAME _____

DATE _____

READ THE DATA

Read each row, picture, or bar carefully. Add for altogether.
Subtract to find how many more or fewer.

WORKED EXAMPLE

Toy table: Cars 4, Trains 7.
How many toys are there?

1. Read 4 and 7.
2. Add: $4 + 7 = 11$.

Answer: 11 toys

PRACTICE 4 problems

- 1** Pet tally: Fish ||||/, Cats ||. How many fish?

ANSWER _____

- 2** Toy table: Bears 8, Dolls 2. How many more bears than dolls?

ANSWER _____

- 3** Sticker chart: ★ ★ ★. Key: ★ = 2 stickers. How many stickers?

ANSWER _____

- 4** Ball graph: Red , Blue . How many balls altogether?

ANSWER _____

APPLY IT Show your work

- 1** At snack vote time, 5 students chose crackers and 8 chose apple slices. How many students voted?

WORK SPACE

ANSWER _____

- 2** A recess tally shows jump ropes ||||/ ||| and hula hoops ||||/. How many fewer hula hoops are there?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A game table shows Red Team 12 and Blue Team 9. Mia says Red Team has 3 more. Is Mia correct? Explain.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Pet tally: Fish /, Cats . How many fish?	5 fish
2	Toy table: Bears 8, Dolls 2. How many more bears than dolls?	6 more bears
3	Sticker chart: ★ ★ ★. Key: ★ = 2 stickers. How many stickers?	6 stickers
4	Ball graph: Red  , Blue  . How many balls altogether?	14 balls

PART 2 • APPLY IT

- 13 students** Add the two groups: $5 + 8 = 13$.
- 3 fewer hula hoops** There are 8 jump ropes and 5 hula hoops. Subtract: $8 - 5 = 3$.

CHALLENGE

Yes. $12 - 9 = 3$.

Accept correct numbers with matching units. For the challenge, accept an explanation that shows $12 - 9 = 3$ or counts up from 9 to 12.