

Vote and Tally

Collect the facts that answer the question.

GRADE 2 • 2.PS.1.b

2.PS.1.b "Determine the data needed to answer a posed question and collect the data using various methods (e.g., voting; creating lists, tables, or charts; tallying)."

NAME _____

DATE _____

COLLECT USEFUL DATA

First, decide what information answers the question. Ask the same question to each person, then use tally marks to count the answers.

WORKED EXAMPLE

Question: Which sticker should the club hand out? Nine children vote: star, heart, star, smile, star, heart, star, smile, star. Make a tally table.

1. Write the choices: star, heart, smile.
2. Read each vote and add one tally mark.
3. Count the tally marks.

Answer: Star: ||||| = 5. Heart: || = 2. Smile: || = 2. Star has the most votes.

PRACTICE 4 problems

1 Question: Which pet is most popular in our class? What data should you collect?

ANSWER _____

2 Six children vote for a toy: robot, ball, robot, ball, robot, ball. Make tallies.

ANSWER _____

3 Lena wants to know how classmates get to school. Should she ask classmates, count pencils, or measure desks?

ANSWER _____

4 Nia asks 4 friends which juice they like: grape, orange, grape, grape. Write the totals.

ANSWER _____

APPLY IT Show your work

- 1** The garden club wants to choose a flower for the school garden. What data should the club collect?

WORK SPACE

ANSWER _____

- 2** At a birthday party, six children vote for a game: tag, hopscotch, tag, tag, hopscotch, tag. Which game has the most votes?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Ava wants to know the favorite lunch of the whole class. She asks only 3 friends. Can her data answer the question? Explain.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Question: Which pet is most popular in our class? What data should you collect?	Each student's favorite pet.
2	Six children vote for a toy: robot, ball, robot, ball, robot, ball. Make tallies.	Robot: = 3. Ball: = 3.
3	Lena wants to know how classmates get to school. Should she ask classmates, count pencils, or measure desks?	Ask classmates.
4	Nia asks 4 friends which juice they like: grape, orange, grape, grape. Write the totals.	Grape: 3. Orange: 1.

PART 2 • APPLY IT

1. **Each club member's flower choice.** Ask each club member which flower they want.
2. **Tag.** Tally the votes. Tag has 4 votes, and hopscotch has 2 votes.

CHALLENGE

No. She needs to ask all of her classmates.

For data questions, accept clear answers that name each person's choice. Accept tally marks in any correct direction or layout.