

Shape Choice Data

Students build a three-category data chart and answer questions about it.

NY-1.MD.4 "Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another."

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 MAKE CHART

	•	•	
	•	•	
	•	•	

2 ANSWER

a			
b	10	11	12
c			

HOW TO RUN THIS PAGE

Read the survey information aloud, then have students connect each category to its count. Students use their completed lines as a simple data chart to identify category counts, find the total, and compare two categories.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • MAKE CHART

SAY “We asked children to choose one shape. Four children chose a circle, two children chose a square, and five children chose a triangle. Can you draw a line from each shape to the dots that show how many children chose it?”

- **circle** matches **4 dots**
- **square** matches **2 dots**
- **triangle** matches **5 dots**

PART 2 • ANSWER

SAY “Use your lines to answer each question. I will read the choices in every row. Can you circle the answer?”

ROW	SAY	STUDENTS CIRCLE
a	The dot groups show 5, 4, and 2. How many children chose a triangle? Circle the dots that show how many.	5 dots
b	The numbers are 10, 11, and 12. How many children chose a shape altogether? Circle the number that shows the total.	11
c	The dot groups show 2, 4, and 3. How many more children chose a triangle than a square? Circle the dots that show how many more.	3 dots

WHAT TO ACCEPT

Match circle to 4 dots, square to 2 dots, and triangle to 5 dots. Circle 5 dots, 11, and 3 dots in the three answer rows.