

Shape Data Detectives

Teacher-led shape patterns and a simple data table.

K.1.c "interpreting, analyzing, and evaluating data describe patterns classify and/or sequence objects based on a single physical characteristic or property organize and represent data read and interpret data in object graphs, picture graphs..."

NAME _____

DATE _____

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

1 NEXT SHAPE _____

a			
b			
c			

2 SHAPE TABLE _____

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	•	•	
	•	•	

HOW TO RUN THIS PAGE

Read each prompt aloud and give students time to mark one answer. Students extend a spoken shape pattern, then use the two-column shape table to connect each shape kind with its dot-count data.

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

PART 1 • NEXT SHAPE

SAY “Listen to each shape pattern. Point to the choices as I read them, then circle the shape that comes next.”

ROW	SAY	STUDENTS CIRCLE
a	The pattern is circle, circle, triangle, circle, circle, triangle. What shape comes next? Your choices are square, triangle, and circle.	circle
b	The pattern is square, triangle, square, triangle. What shape comes next? Your choices are square, circle, and triangle.	square
c	The pattern is circle, triangle, circle, triangle. What shape comes next? Your choices are triangle, circle, and square.	circle

PART 2 • SHAPE TABLE

SAY “This table records a shape sort. The left column shows shape kinds, and the right column shows dot groups that tell how many. Draw a line from each shape to the dot group that matches its data.”

- **circle** matches **4 dots**
- **square** matches **2 dots**
- **triangle** matches **3 dots**

WHAT TO ACCEPT

Part 1 answers are circle, square, circle. In Part 2, connect circle to 4 dots, square to 2 dots, and triangle to 3 dots.