

Shape Data Sort

Students sort an oral shape data set, then show the results with dots and tally marks.

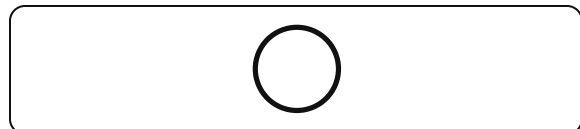
1.PS.1.e "Organize and represent a data set by sorting the collected data using various methods (e.g., tallying, T-charts)."

NAME _____

DATE _____

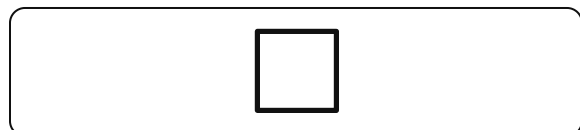
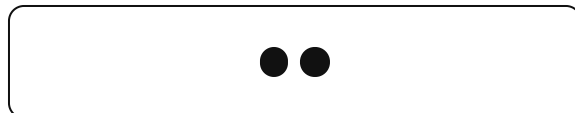
Teacher: this page is run aloud. The script and answers are on the guide page.

1 MATCH DATA _____



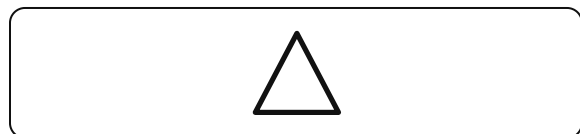
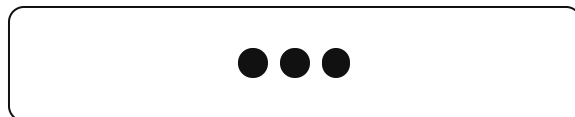
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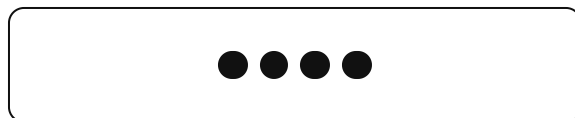
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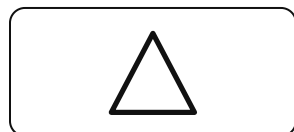
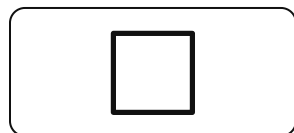
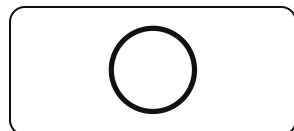


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2 TALLY DATA _____



HOW TO RUN THIS PAGE

Read the shape list slowly two times and give students time to count each kind of shape. Students organize the data by matching each shape category to its dot total, then represent the same totals with tally marks.

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

PART 1 • MATCH DATA

SAY “Listen two times: circle, triangle, square, circle, triangle, circle, square, circle, triangle. Again: circle, triangle, square, circle, triangle, circle, square, circle, triangle. Draw a line from each shape to the dots that show how many of that shape we collected.”

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

PART 2 • TALLY DATA

SAY “A tally is one straight mark for each item in a group. Look at the lines you drew above. In each box, write tally marks for that shape group.”

- Box 1 (beside circle): **||||**
- Box 2 (beside square): **||**
- Box 3 (beside triangle): **|||**

WHAT TO ACCEPT

Match circle to 4 dots, square to 2 dots, and triangle to 3 dots. Accept four, two, and three separate vertical tally marks in the matching boxes.