Shape Vote Count

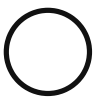
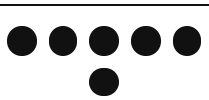
Students count three data groups and compare the results.

CCSS.Math.Content.1.MD.C.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 COUNT VOTES

a			5	6
b			4	5
c			1	2

2 TELL ABOUT IT

Key: one dot = one item. Start each row at the same line.

Category	Draw dots	Count
Circle	_____	____
Square	_____	____
Triangle	_____	____

all

more

fewer

ANSWER KEY

Shape Vote Count

GRADE 1 · 1.MD.C.4

HOW TO RUN THIS PAGE

Read each row prompt aloud and give students time to count the dots and circle a number. Then read the writing prompts aloud as students use the three circled counts to find a total and compare 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 · COUNT VOTES

SAY "Each shape names a vote group. Count the dots next to each shape, then listen for the question in each row."

ROW	SAY	STUDENTS CIRCLE
a	Look at the circle row. The choices are 5 and 6. How many dots are in the circle group? Circle the number.	**6**
b	Look at the square row. The choices are 4 and 5. How many dots are in the square group? Circle the number.	**4**
c	Look at the triangle row. The choices are 1 and 2. How many dots are in the triangle group? Circle the number.	**2**

PART 2 · TELL ABOUT IT

SAY "First organize the three observed vote counts in the blank table above: draw one dot per vote and write each count. Then Use the numbers you circled. In the box by all, what is the total number of votes? In the box by more, how many more votes are in the circle group than in the triangle group? In the box by fewer, how many fewer votes are in the triangle group than in the square group? Write a number in each box. Finally make up your own question about the table and answer it aloud."

- Box 1 (beside all): **12**
- Box 2 (beside more): **4**
- Box 3 (beside fewer): **2**

WHAT TO ACCEPT

Circle 6 for the circle group, 4 for the square group, and 2 for the triangle group. Accept 12, 4, and 2 in the writing boxes, in order. Constructed table/picture counts are 6,4,2. Scribe the learner question and check its answer against these counts. Example: How many more circles than squares? Two.