

Shape Side Search

Students identify and count sides and vertices on familiar shapes.

K.MG.2.b "Describe triangles, squares, and rectangles to include the number of sides and number of vertices."

NAME _____

DATE _____

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

1 CIRCLE IT _____

a			
b			
c			

2 WRITE NUMBERS _____

	
	
	

HOW TO RUN THIS PAGE

Show students that sides are straight edges and vertices are corners where two sides meet. Use a hexagon to model counting its six sides and six vertices, then read each prompt and give students time to mark or write.

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

PART 1 • CIRCLE IT

SAY “Look at the shapes in each row. I will ask about sides and vertices, which are corners. Listen to each question, then circle one shape.”

ROW	SAY	STUDENTS CIRCLE
a	Which shape has 3 sides and 3 vertices?	triangle
b	Which shape has 4 sides that are all the same length and 4 vertices?	square
c	Which shape has 4 sides and 4 vertices, with two longer sides and two shorter sides?	rectangle

PART 2 • WRITE NUMBERS

SAY “Look at each shape beside a box. Count its vertices, or corners. What number will you write in each box?”

- Box 1 (beside triangle): **3**
- Box 2 (beside square): **4**
- Box 3 (beside rectangle): **4**

WHAT TO ACCEPT

Circle the triangle in row 1, the square in row 2, and the rectangle in row 3. Accept 3, 4, and 4 in the write boxes, in order.