Shape Detective

Students identify shapes by their parts, then sort out what can change.

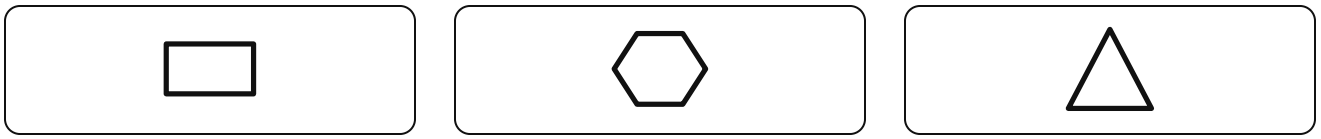
1.GR.B.3 "Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size)."

NAME _____ DATE _____

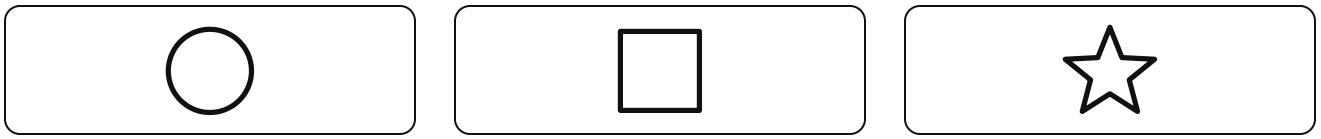
Teacher: this page is run aloud. The script and answers are on the guide page.

1 FIND IT

a



b



2 WHAT MATTERS

a

sides	color	size

b

corners	size	sides

ANSWER KEY

Shape Detective

GRADE 1 · 1.GR.B.3

HOW TO RUN THIS PAGE

Read each prompt aloud and give students time to circle one choice. Listen for students using sides and corners to identify shapes, rather than relying on size or color.

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

PART 1 · FIND IT

SAY "Look at the shapes in each row. Listen to the clues, then circle one shape."

ROW	SAY	STUDENTS CIRCLE
a	Which shape is closed and has exactly three straight sides?	**triangle**
b	Which shape is closed and has no straight sides or corners?	**circle**

PART 2 · WHAT MATTERS

SAY "Now think about what can change and what must stay the same. Listen to each question and circle one word."

ROW	SAY	STUDENTS CIRCLE
a	Imagine the triangle you circled gets bigger. Which detail helps you check that it is still a triangle: sides, color, or size?	**sides**
b	Imagine the circle you circled changes. Which detail can change while it stays a circle: corners, size, or sides?	**size**

WHAT TO ACCEPT

In order, the correct choices are triangle, circle, sides, and size. For the last row, changing the circle's size does not change its shape name.