Shape Builder Stories

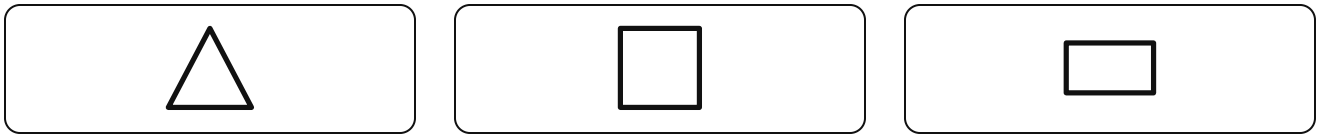
Children build larger shapes from two or three supplied pieces, then name the outline.

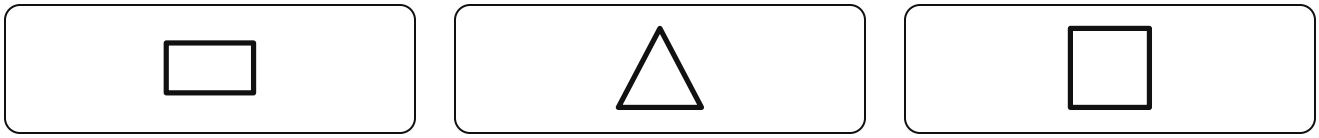
1.MG.2.f "Compose larger plane figures by combining two or three simple plane figures (triangles, squares, and/or rectangles)."

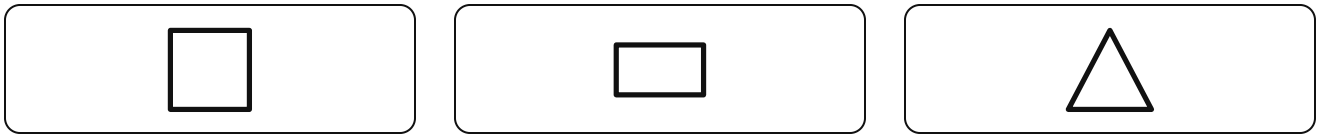
NAME _____ DATE _____

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

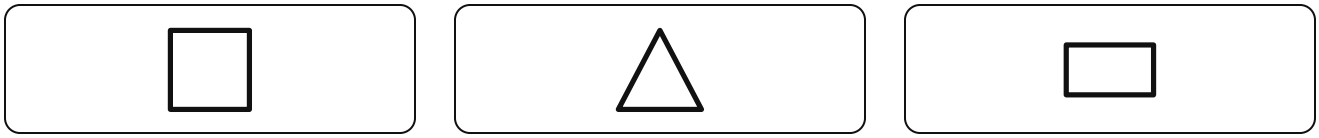
1 TWO PIECES

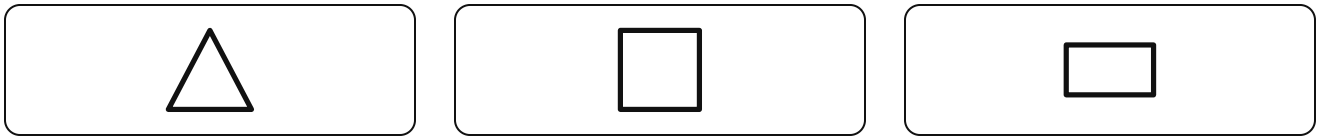
a 

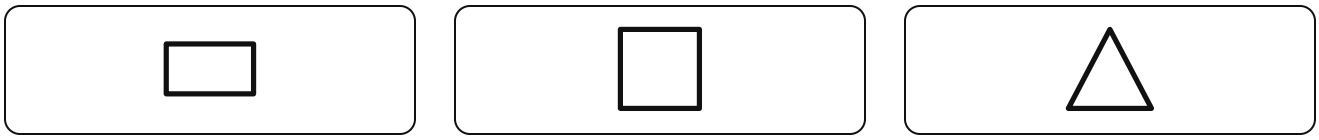
b 

c 

2 THREE PIECES

a 

b 

c 

ANSWER KEY

Shape Builder Stories

GRADE 1 · 1.MG.2.f

HOW TO RUN THIS PAGE

Before class, prepare paper sets per child: a 6 cm square cut diagonally; an 8 by 4 cm rectangle cut diagonally; three 4 cm squares; a 6 cm square cut into three 6 by 2 cm rectangles; and an 8 by 4 cm rectangle. Keep sets separate. Read every row aloud. Children must arrange the named pieces edge to edge, without gaps or overlaps, show the outline, then circle. Reset pieces between rows.

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

PART 1 · TWO PIECES

SAY "Use your supplied pieces to build each shape. Join whole matching edges without gaps or overlaps. Show me your outline before you circle it."

ROW	SAY	STUDENTS CIRCLE
a	Use the two triangles cut from the 6 cm square. Put them back together, show me the outline, and circle its shape.	**square**
b	Use the two triangles cut from the 8 by 4 cm rectangle. Put them back together, show me the outline, and circle its shape.	**rectangle**
c	Join two 4 cm square pieces side by side along a whole edge. Show me, then circle the larger outline.	**rectangle**

PART 2 · THREE PIECES

SAY "Now use three supplied pieces. Build each named arrangement without gaps or overlaps, show me the outline, then circle it."

ROW	SAY	STUDENTS CIRCLE
a	Join three 4 cm squares side by side in one straight row. Show me, then circle the larger outline.	**rectangle**
b	Use the three 6 by 2 cm rectangles cut from a 6 cm square. Put them back together. Show me, then circle the outline.	**square**
c	Join two 4 cm squares side by side. Put the 8 by 4 cm rectangle directly underneath, with the whole 8 cm edges touching. Show me, then circle the larger outline.	**square**

WHAT TO ACCEPT

Two Pieces: square, rectangle, rectangle. Three Pieces: rectangle, square, square. Observe each child actually arranging the specified pieces with no gaps or overlaps. Accept rotated correct builds. Part 1c makes an 8 by 4 cm rectangle, not a triangle. Part 2c makes an 8 by 8 cm square; it is also a rectangle, so accept either square or rectangle with a correct actual build and explanation. Circling without building is incomplete.