Shape Builders

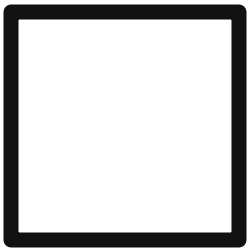
Students join flat shapes on paper and solid shapes with books.

MT.1.G.3 "Compose new shapes using two- and three-dimensional shapes."

NAME _____ DATE _____

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

1 MAKE ROOFS





2 JOIN BOOKS

a

row	stack	apart

b

stack	apart	row

Shape Builders

HOW TO RUN THIS PAGE

Read the directions aloud and give students time to draw. Then provide two closed books to each student or small group. Look for students joining shapes, not just naming them, and note any help they need.

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

PART 1 · MAKE ROOFS

SAY "Look at the shape beside each box. Draw that shape inside its box. Then draw a triangle above it, with the triangle's bottom side touching the first shape's top side."

- Box 1 (beside square): **A square with a triangle above it, with the triangle's bottom side touching the square's top side.**
- Box 2 (beside rectangle): **A rectangle with a triangle above it, with the triangle's bottom side touching the rectangle's top side.**

PART 2 · JOIN BOOKS

SAY "Use two closed books. In each row, move the books as I say, then circle the word that tells how you joined them."

ROW	SAY	STUDENTS CIRCLE
a	Put one book flat on top of the other book. The choices are row, stack, and apart. How did you join the books? Circle the word.	**stack**
b	Put the books flat next to each other so their long sides touch. The choices are stack, apart, and row. How did you join the books? Circle the word.	**row**

WHAT TO ACCEPT

For Part 1, each drawing must include the labeled shape and a triangle touching it in the stated position. For Part 2, the answers are stack, then row. Check that each student moves the books before circling, and record help separately.