

Shape Workshop: Cut, Fold & Make Angles (Hands-on)

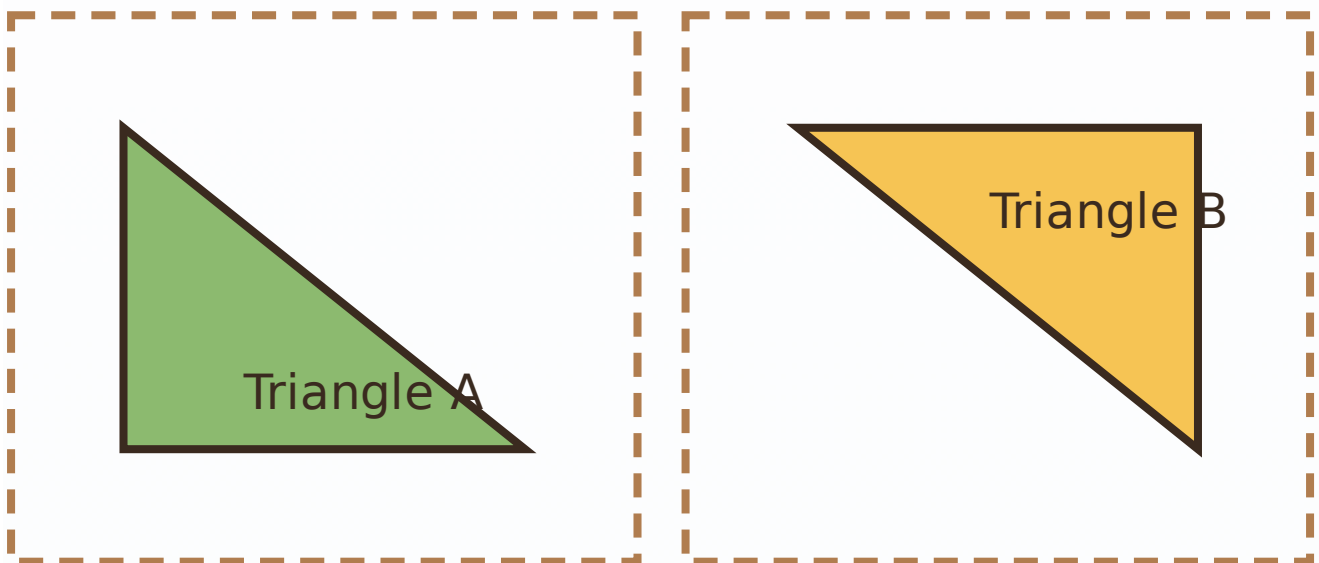
A cut-fold-and-make activity for Lesson 13 (shape & angles). Students cut out tangram-style shapes to combine and split, and fold their own right-angle tester. Includes teacher notes and discovery tasks. Printable.

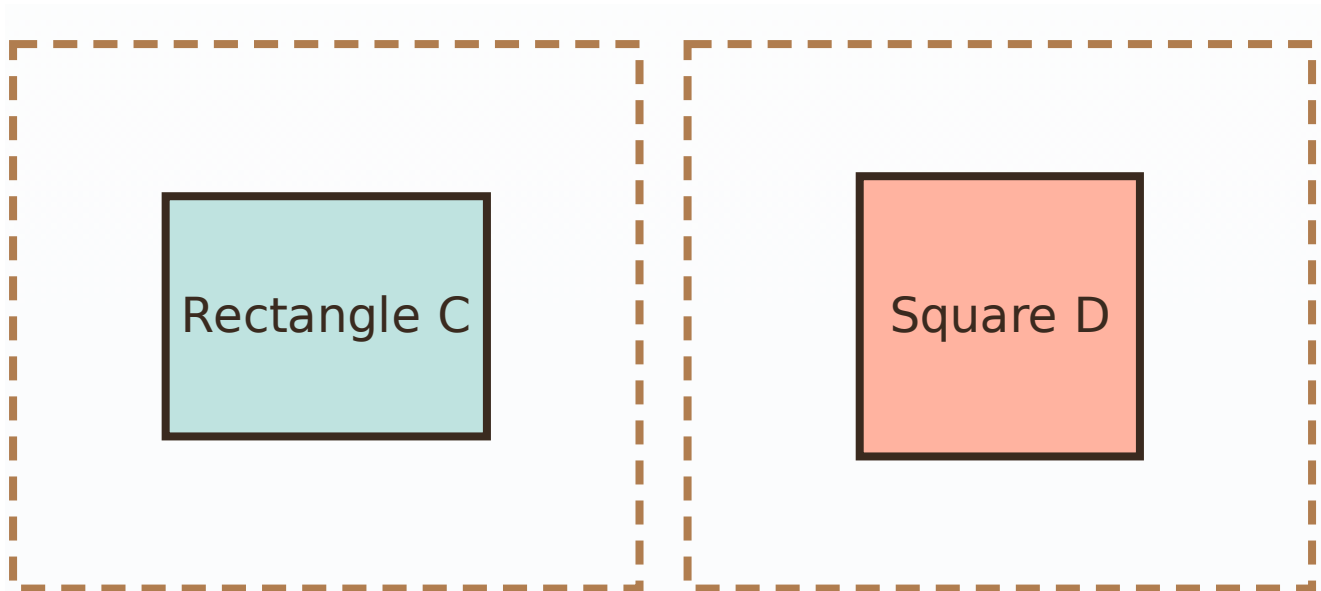


"Let's look closely at shapes," says Ollie. Cut out the pieces below, then put them together and take them apart to make new shapes. You'll also fold your own right-angle tester!

For the teacher. Print on card if possible. Children cut out the four shape pieces and the tester square. Part C uses any spare square of paper. Encourage describing shapes aloud ("two triangles make a square").

Cut out these pieces





Part A — Combine shapes

1. Put Triangle A and Triangle B together along their longest sides. What shape do they make? _____

2. Can you cover Square D using other pieces? Draw what you used.

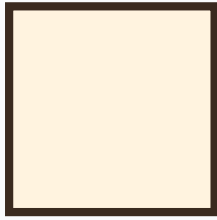


Part B — Split shapes

3. Fold Rectangle C along its diagonal and cut. What two shapes do you get?

Part C — Make a right-angle tester

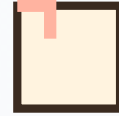
Take any square of paper. Fold it in half, then in half again. The folded corner is a perfect **right angle**!



1. square



2. fold once



3. fold again → right angle

4. Use your tester on three corners in the room. Find one that is a right angle, one smaller, and one larger. List them.

"Careful looking and careful folding — that's how we understand shapes. Hoo, well done!" — Ollie