

Looking Closely: Shapes & Angles

Combining and splitting shapes; comparing angles

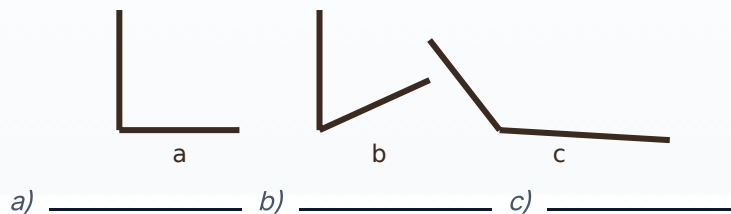
Ollie peers through the Looking Glass. "Shapes can join to make new shapes, and split into smaller ones. A right angle is a perfect square corner."

Make a right-angle tester by folding paper twice into a square corner. Hold it against any angle: opens wider = larger than a right angle; doesn't reach = smaller.

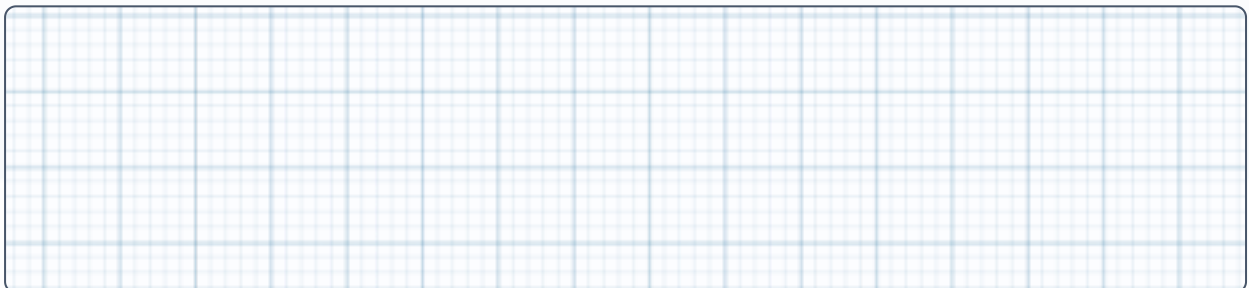
1. Bo splits a square along its diagonal. What two shapes does he make? _____

2. What shape do two identical right-triangles make when joined along their long side?

3. Label each angle below as **right**, **smaller than a right angle**, or **larger than a right angle**.



4. Sketch your own angle that is larger than a right angle.



5. Challenge: How many right angles are inside a rectangle? Sketch and mark them.

