**Lesson Element 8.04a Properties of a triangle**

Six identical two-piece tangrams are below. Each student only needs one.

Cut out each square and then cut along the diagonal line.

Using both pieces, can students fit them together edge to edge (without overlapping the pieces) to make a right-angled triangle?

Can students show that the long edge (the ‘hypotenuse’) is actually straight, or do they think it is not straight?

What other shapes can they make? How do they know that the shape actually is what they say it is?



