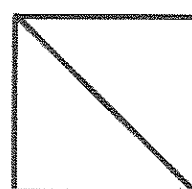
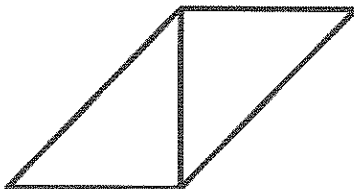
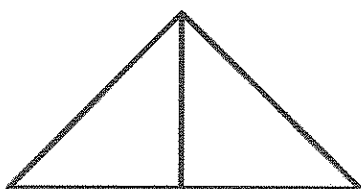


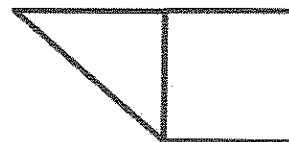
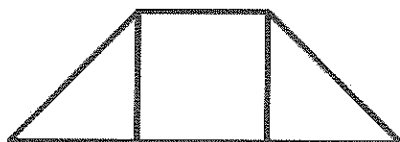
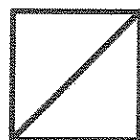
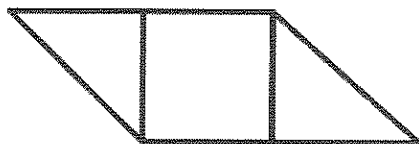
G3-M7-Lesson 9

1. Use your two smallest triangles to create a triangle, a parallelogram, and a square. Show how you created them below.



I know that when I make shapes with my tangram pieces, they cannot have any gaps or overlaps.

2. Use at least two tangram pieces to make and draw as many 4-sided polygons as you can. Draw lines to show where the tangram pieces meet.



I can create all of these quadrilaterals using the 7 tangram pieces.

I know from an earlier lesson that each of these quadrilaterals can be decomposed into 2 triangles.

3. What attributes do your shapes in Problem 2 have in common? What attributes are different?

All of the shapes I made in Problem 2 are quadrilaterals because they have 4 sides. They all have at least 1 set of parallel lines and 4 angles. Not all of my shapes have equal sides or right angles. That's what makes them different.