

Name: _____

Geometry in Blocks

Using the blocks on the table in the library, you will explore similarity and congruence.

1. Each block is a polygon. What polygon is each block?

Red - _____

Green - _____

Orange - _____

Blue - _____

Yellow - _____

Tan - _____

2. Make at least three congruent hexagons using different combinations of blocks. Record your results below.

3. Can you make polygons that are *similar* to the 6 main block shapes? Draw your solutions below (*Hint: For many of the shapes, the similar figures can be made by combining several of the smaller shapes*). Use the bottom and back of this page to record your solutions.