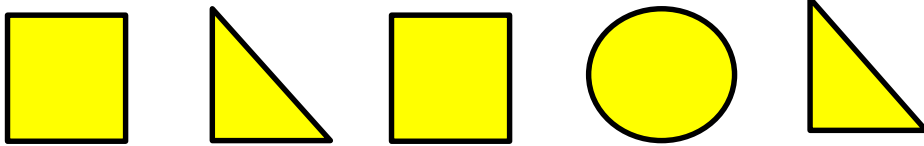**Possible Solutions**

Use words and drawings to compose larger polygons with smaller polygons and explain your thinking.
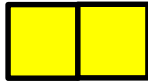

a) Which polygons could be used compose a quadrilateral with 4 square corners?
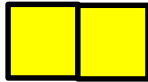   The two triangles can be used to make a square.

   The two squares could be used to make a quadrilateral.

b) Which polygons could be used to compose a rectangle?
   The two squares could be used to make a quadrilateral.

   c) Using 8 color tiles or squares, how many quadrilaterals could you build?
      I used 8 color tiles to make a rectangle with 2 rows of 4 color tiles in each row. It is a rectangle because it has 4 square corners. I know it is a quadrilateral because it has 4 sides and 4 vertices.