1. Name each of the polygons described.
   
   a. A polygon with six sides.  
   b. A polygon with nine sides.

2. List all of the categories that a square falls into.

3. What category of shape has four sides, two sets of equal sides, and none of the sides are parallel

4. For each shape, list the categories it belongs to.
   
   a. The shape has three sides, with two angles less than 90° and one angle greater than 90°, and two of the sides have the same length.
   
   b. The shape has four sides, with no equal sides and one set of parallel sides.

5. For each shape, write the most specific category it belongs to.

   ![Square](square.png)
   ![Parallelogram](parallelogram.png)
   ![Obtuse Triangle](obtuse_triangle.png)
   ![Rhombus](rhombus.png)