Name _____ Date _____ Class _____

Additional Practice

1. For each pair of triangles, match each of the sides and angles of the first shape with their corresponding congruent part in the second shape.

a.

b.

c.
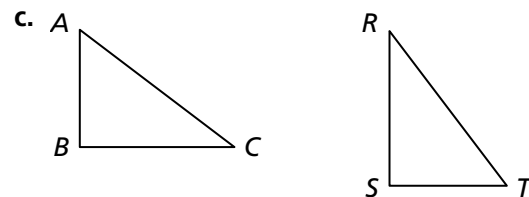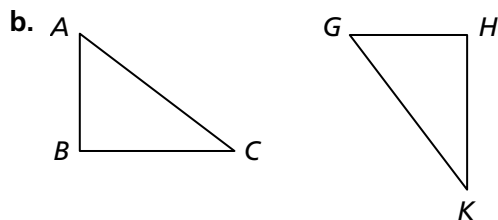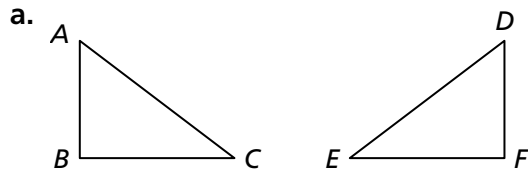
2. For each pair of quadrilaterals, match each of the sides and angles of the first shape with their corresponding congruent parts in the second shape.
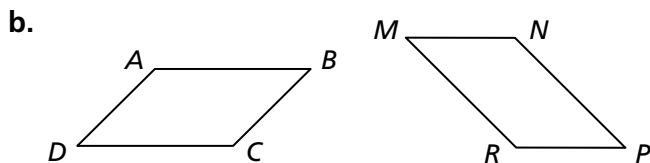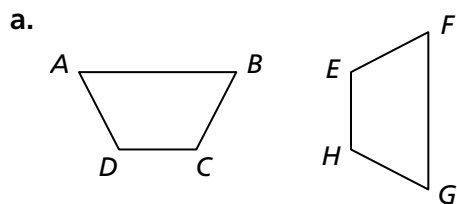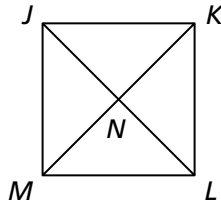
a.

b.

Additional Practice *(continued)*
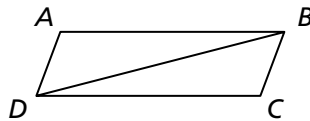
3. Use the figure of square *JKLM* below to answer (a) and (b).

    a. List all triangles in the figure above which are congruent to triangle *JNM*. Explain.
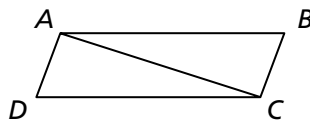

    b. List all triangles congruent to triangle *MKL*. Explain.

4. The figure below is a parallelogram. Complete the chart.

Sets of Congruent Triangles	Evidence for Congruence

5. The figure below is a parallelogram. Complete the chart.

Sets of Congruent Triangles	Evidence for Congruence

Additional Practice (continued)

6. The figure below is a parallelogram. Complete the chart.
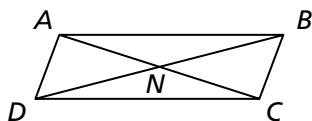
Sets of Congruent Triangles	Evidence for Congruence

7. Rotate triangle ABC below 90° counterclockwise about point A.
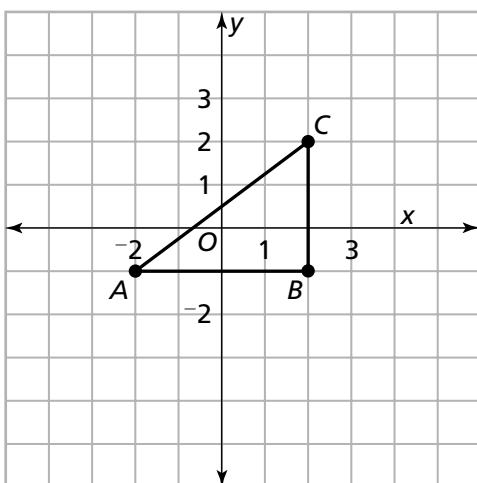
a. Write the coordinates for points A, B and C.

b. Write the coordinates for the images of points A, B and C after the rotation.

c. Is the image of the triangle ABC congruent to triangle ABC? Explain your reasoning.