Teacher Twins©2014

Transformations Practice

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

Use the ordered pairs to do the problems.

***Triangle ABC is located at A(-4, 2), B(1, 3), C(-3, 6).***

1. Transform triangle ABC by rotating it 180⁰ and then translating it 3 units left and 1 unit up. Write the ordered pairs.

2. Transform triangle ABC by reflecting it across the x axis and then dilating it by a scale factor of 2. Write the ordered pairs.

3. Transform triangle ABC by rotating it 90⁰ clockwise and then dilating it by a scale factor of 3. Write the ordered pairs.

4. Transform triangle ABC by reflecting it across the y axis and then translating it 2 units right and 1 unit up. Write the ordered pairs.