

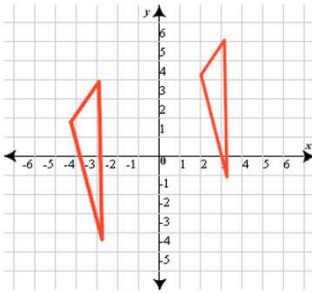
MasterMath

Transformations Part 1

Name _____

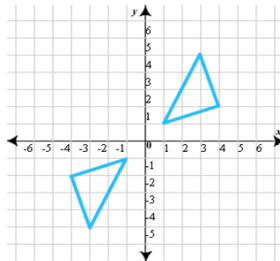
Date _____

1. What type of transformation is shown here?



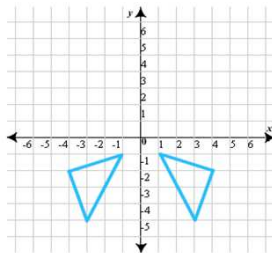
translation

2. What type of transformation is shown here?



rotation

3. What type of transformation is shown here?



reflection

4. The coordinates of Vertex A of Triangle A are (6, -5). I translate Triangle A, and the new coordinates of Vertex A in A's Image, Triangle B, are (8, -10). Vertex B of Triangle A has coordinates of (8, 6). What are the coordinates of Vertex B in Triangle B?

(10, 1)

5. Describe the change in the x coordinates and the y coordinates when we translate the triangle in Quadrant II into the triangle that is in both QI and Q4.

x change: +7

y change: -5

