















## Geometry 4.8 Continued

## Vocabulary:

1. Transformation: An operation that moves or changes a geometric figure in some way to produce a new figure.

2. Image: The new figure produced from a transformation.

**3. Translation: Moves every point of a figure the same distance in the same direction.** 

4. Reflection: Mirrors the image of the original figure over a line of reflection.

5. Rotation: Turns a figure around a fixed point (center of rotation). NOTE:Origin (0,0)

## 6. Congruence Transformation: A change of the position of the figure without changing its size and shape.











