

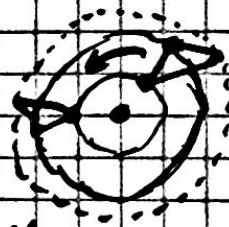
# Transformations

## Translation: (slide)



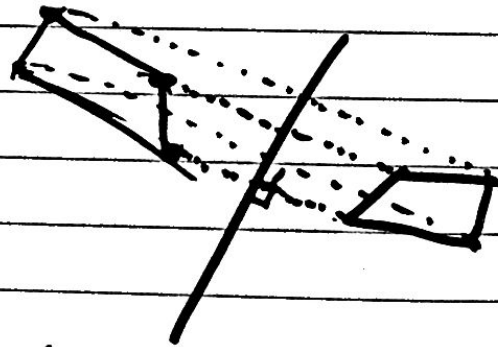
Every point in the pre-image moves the same distance and direction to create the image.

## Rotation: (turn)



Every point in the pre-image moves along concentric circles the same angle and direction. Center of rotation is the center of the circles.

## Reflection: (flip)



Every point in the pre-image moves across or over the line of reflection, along a path perpendicular to the line of reflection until it is the same distance from the line of reflection on the opposite side.