

PICTURE TRANSFORMATION ACTIVITY

Name: _____ Date: _____

- 1) You will need to draw a pre-image of a picture that has 10 or more points. The pre-image should have detail to it and not just be a picture of a shape. Your pre-image should be completely inside one of the quadrants on the coordinate plane. It doesn't matter which quadrant you start in. It is your choice. Use your imagination when deciding on a picture and impress me!
- 2) Draw your pre-image and place points at all of the vertices and label them alphabetically. List the points and ordered pairs on the transformation data sheet. . (5 points for each transformation- 2 for correct image and 3 for correct coordinates)
- 3) Next you will accurately translate, reflect and rotate your image. You may do this in any order that you want. All points should be listed accurately with a title on the transformation data sheet so I can determine if your transformations are correct. (5 points for each transformation- 2 for correct image and 3 for correct coordinates)
- 4) Each image should have a title for the transformation that was done.
- 5) Add color and or detail to your pre-image and images

● GRADE (Total Points possible 20) _____