

**Picture Transformation Assessment**

Your summative assessment for transformations will be an in class project.

- 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 or letter like we did in class. 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!
- 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.
- 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.
- **Each image should have a title and arrow showing the direction** that the image is moving, (remember we drew arrows)
- You will also **color code the images and ordered pairs**. (Again, just like we did in class.)
- You will have 2 days to complete this in class. They will be left in class and pass out on day two. Remember to document all of the transformations and label the vertices correctly.
- Make sure to look at the rubric if you have questions.