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Math 304

Dr. Olsen

April 19, 2016

Exploration (Difference between Rotation and Reflection)

**Give directions that will be given to the students**

1. Students will have access to the technology to be able to open the file.
2. Students will have a couple of minutes to get acclimated with the change in the graph lines. Here the students will see the actual change of the shapes.
3. After that I will have the students watch me show what shape is the reflection, and which the rotation is. This will help students get a better understanding of what the difference is.
4. Once the students see me demonstrate it I will have them try it on their own and explain to each other which the rotation is and which the reflection is.

**State the property that will be discovered**

The property that will be discovered is the difference of rotations and reflections. This will help students get a better understanding of the two.

**Grade Levels**

8th grade

**CCSSM**

CCSSM: 8.G.1- Verify experimentally the properties of rotations, reflections, and translations.