

Unit 3 Transformations in Geometry

I Can . . .

- Use manipulatives and work within the coordinate plane to produce transformations.
- Use manipulatives and work within the coordinate plane to produce, describe, and identify dilations and their properties.
- Create a dilation graphically
- Determine the scale factor of a dilation
- Write an algebraic rule of a dilation
- Describe a dilation given a graph
- Use properties of similar figures and congruent figures to solve problems.
- Perform a composition of transformations graphically and with manipulatives
- Verbalize the composition of various transformations
- Represent the composition of various transformations algebraically
- Use knowledge of transformations and domain/range to investigate domain and range of an image as it relates to its pre-image

Date	What is happening in class	Homework
Tuesday 10/25 Day 1 (Stocum)	Ms. Stocum – transformation packet #1 Ms. Cutler – Midterm Review	Study for midterm
Wed 10/26	Ms. Stocum- midterm Review Ms. Cutler - midterm	Study for midterm
Thursday 10/27 Day 1 (Cutler)	Ms. Stocum – midterm Ms. Cutler- transformation packet #1	Finish Transformation Packet #1
Friday 10/28 Day 2	Transformation Packet #2	Unit 3 Day 2 HW
Monday 10/31	Transformation applications Composition of Transformations	Study for quiz
Tuesday 11/1	Transformation Quiz Transformation WS- congruent triangles	Finish WS
Wednesday 11/2	Transformation Review	Study for test
Thursday 11/3	Transformation Test	