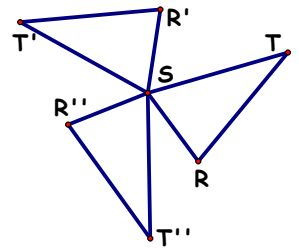


Honors Math 2 Unit 1: Modeling with Geometry

In this unit, students will . . .

- Describe and perform transformations (translation, reflection, rotation, dilation) of polygons in the coordinate plane
- Describe and perform transformations using vectors and algebraic rules
- Describe the similarity of two objects
- Determine the similarity ratio of two objects and solve for variables using similarity
- Determine triangle congruence using SSS, SAS, ASA and solve for variables using congruence
- Model real world objects and applications with geometry



Date	Day of Unit	Lesson	Assignment
Mon 8/29	0	Intro to course & Day 0 Placemat	Day 0 Homework worksheet
Tues 8/30	1	Transformations - Intro to Transformations, Translations	Packet p. 1-2 Even Packet p. 3-5 AND Enroll in Blackboard Course
Wed 8/31	2	Transformations - Reflections	Packet p. 6-7 AND Packet p. 11-12 #1, 4, 7, 10, 22
Thurs 9/1	3	Transformations - Rotations	Packet p. 8-9 AND Packet p. 11-12 Multiples of 3
Fri 9/2	4	Transformations - Dilations	Packet p. 10 Packet p. 13-14 evens, Packet p. 15
Labor Day Holiday			
Tues 9/6	5	Transformations - Compositions of Transformations	AND Packet p. 18-20 Odds AND Packet p. 16-17 Evens and #1
Wed 9/7	6	Similarity Lesson Quiz 1	Packet p. 21-22 Evens and #3, 13 AND Packet p. 18-20 Evens
Thurs 9/8	7	Similarity	Packet p. 23-24 Packet p. 13-14 odds
Fri 9/9	8	Triangle Congruence **Early Release Day**	Packet p. 25-26 All Packet p. 27-29 Odds
Mon 9/12	9	Triangle Congruence and Similarity	Packet p. 27-29 Evens Packet p. 30 All
Tues 9/13	10	Midsegments and Isosceles Triangles	Packet p. 31-32 Even Packet p. 33-34 Odd AND Study for Quiz Tomorrow!
Wed 9/14	11	Quiz 2	Packet p. 31-32 Odd Packet p. 33-34 Even
Thurs 9/15	12	Line segments and points, Cross sections, and rotations	Packet p. 35-36
Fri 9/16	13	Review	Packet p. 37-39
Mon 9/19	14	Unit 1 Test	Packet p. 40 (Algebra Review)

Homework Grade:

