

3/23/20 – 3/27/20 Geometry-Laird

1A & 4B

Monday 3/23/20 1A

Tuesday 3/24/20 4B

Standards	G.GSRT.2* Use the definition of similarity to decide if figures are similar and justify decision. Demonstrate that two figures are similar by identifying a combination of translations, rotations, reflections, and dilations in various representations that move one figure onto the other
Learning Targets/I Can Statements	I can recognize and identify geometric similar figures.
Essential Question(s)	How do I recognize similar figures?
Resources	https://www.edgenuity.com/login/ Edgenuity https://www.aleks.com/ Review and Topics https://virtualnerd.com/geometry/similarity/polygons/similar-figures-definition https://virtualnerd.com/geometry/similarity/ratios-proportions/scale-drawing-definition
Learning Activities or Experiences	Complete the first similarity assignment in Edgenuity and work on 20 topics due 3/27/20 in ALEKS

20 topics in ALEKS will be due every 2 weeks along with assignments in Edgenuity. You may choose the topic or follow the path. You must complete the knowledge checks when assigned. I will have assignments posted in advance.

Assignments will be in Edgenuity. If you have questions or need clarification, **email me, message me through Edmodo or call**. I will be available by phone from **9:30-11:00** and **1:00 to 2:30** at **803 359-7518**, email Barbara.Laird@richlandone.org or Edmodo messaging. You may call, email or message at any time, and they will be returned ASAP.

Edmodo https://richlandone.edmodo.com/?force_react=true

Edmodo Class Code: 1A **dq4tph**

4B **4jrp8j**

<https://auth.edgenuity.com/Login/Login/Student>

Edgenuity Login: student id number@r1student.org

Edgenuity Password: student id number

<https://www.aleks.com/>

Contact Barbara.laird@richlandone.org for login information (if lost)

Wednesday 3/25/20 1A Thursday 3/26/20 4B

Standards	G.GSRT.2* Use the definition of similarity to decide if figures are similar and justify decision. Demonstrate that two figures are similar by identifying a combination of translations, rotations, reflections, and dilations in various representations that move one figure onto the other. Prove that two triangles are similar using the Angle-Angle criterion and apply the proportionality of corresponding sides to solve problems and justify results.
Learning Targets/I Can Statements	I can use similarity transformations and the AA theorem to be used to prove triangles are similar.
Essential Question(s)	<i>How can similarity transformations and the AA similarity theorem be used to prove triangles are similar?</i>
Resources	https://www.edgenuity.com/login/ Edgenuity https://www.aleks.com/ 20 Topics
Learning Activities or Experiences	Complete <i>Triangle Similarity AA</i> in Edgenuity and work on 20 topics due 3/27/20 in ALEKS

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Friday 3/27/20 1A Monday 3/30/20 4B

Standards	G.GSRT.2* Use the definition of similarity to decide if figures are similar and justify decision. Demonstrate that two figures are similar by identifying a combination of translations, rotations, reflections, and dilations in various representations that move one figure onto the other. G.GSRT.4* Prove, and apply in mathematical and real-world contexts, theorems involving similarity about triangles, including the following: a. A line drawn parallel to one side of a triangle divides the other two sides into parts of equal proportion. b. If a line divides two sides of a triangle proportionally, then it is parallel to the third side. c. The square of the hypotenuse of a right triangle is equal to the sum of squares of the other two sides.
Learning Targets/I Can Statements	I can use the SSS and SAS similarity theorems to be used to prove triangles are similar.
Essential Question(s)	<i>How can the SSS and SAS similarity theorems be used to prove triangles are similar?</i>
Resources	https://www.edgenuity.com/login/ Edgenuity https://www.aleks.com/ 20 Topics
Learning Activities or Experiences	Complete <i>Triangle Similarity SSS and SAS</i> in Edgenuity and work on 20 topics due 3/27/20 in ALEKS.

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