Name: _____ Period: _____

Geometry
Proficiency Scale: Similarity

Essential Learning Target: I can use ratios, proportions, and theorems to solve problems involving similar geometric figures and prove that two triangles are similar.	
Scoring Guideline	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. ☐ Uses transformations and similarity criteria for triangles to prove relationships among composite geometric figures and to solve multi-step problems.
Score 3.0	The Student: ☐ The student will use ratios and proportions in order to solve problems involving similar figures. The student exhibits no major errors or omissions.
Score 2.0	There are no major errors or omissions regarding the simpler details and processes as the student: Recognizes or recalls specific terminology as: ☐ Proportion ☐ Reduction ☐ SSS Similarity ☐ Ratio ☐ Enlargement ☐ AA Similarity ☐ Similar ☐ Dilation ☐ SAS Similarity ☐ Midsegment ☐ Center of Dilation ☐ Triangle Midsegment Theorem Performs basic processes, such as: ☐ Set up a ratio or a proportion multiple ways. ☐ Solve proportions. ☐ Given two triangles determine which similarity postulate (AA, SAS, or SSS) if any applies to prove the two triangles are similar. ☐ Write a similarity statement between two polygons. ☐ Find the scale factor between two similar polygons. ☐ Determine if the dilation is an enlargement or reduction. ☐ Use the Triangle Midsegment Theorem.

Proficiency Scale Self-Assessment & Reflection

Essential Learning Target: I can use ratios, proportions, and theorems to solve problems involving similar geometric figures and prove that two triangles are similar.			
Date	**Skill Level (1-4)**	**I Have a Strong Understanding Of**	**I Still Need To Work On**