ADVANCED GEOMETRY
CHAPTER 11, ASSIGNMENT SHEET & LEARNING TARGETS
SIMILARITY

Please come to class each day with your homework completed, all supplies, your textbook,
and ready to participate! ☺

Link to TEXTBOOK Chapter 11 Contract

Day	Section	Topic	Assignment
1	11.0/11.1	Proportion and Reasoning Similar Polygons	**For Wed. night, 4/18:** p. 585 (1, 2, 8-14, 19-22)
2	11.2	Similar Triangles	**For Thurs. night, 4/19** p. 591 (3, 4, 6, 8-12, 14, 17) Extra Practice: 20
3	11.3	Indirect Measurement: Shadows and Mirrors	**For Fri. night/weekend, 4/20:** p. 599 (1-5, 7) Quiz is planned for Tuesday, 4/24. Monday, we will review and work together on group practice problems. Have a great weekend!
			For Mon. night, 4/23: Group Practice and Review for Quiz 11.1-11.3 KEY
4		Formative Quiz 11.0-11.3	Relax! Finish group practice in case you haven't … Stamps tomorrow (Wed)
5	11.4	Corresponding Parts of Similar Triangles	**For Wed. night, 4/25:** p. 605 (1, 4-13, 21) **For Thurs. night, 4/26:** Finish and check the Group Practice for 11.4 from class
6	11.5	Proportions with Area	**For Fri. night/weekend, 4/27:** p. 610 (1-8, 10)
7	11.6	Proportions with Volume	**For Mon. night, 4/30:** p. 616 (1-9, 12, 13)
8	11.7	Proportional Segments Between Parallel Lines	**For Tues. night, 5/1:** p. 627 (1-12) **For Wed.night, 5/2:** Finish Group Practice KEY and prepare for Quiz tomorrow!!!

9		Formative Quiz 11.4-11.7	**For Thurs. night, 5/3:** Chapter Review p. 634 (1-8, 12, 14-18, 22)
10		Review Chapter 11	**For Fri. night/weekend, 5/4:** Practice Test/Study Guide-answers at the end **For Mon. night, 5/7:** Quiz corrections! Study for Test Contracts due tomorrow HERE is a sample of pages and artifacts Retry the quizzes and/or Practice Test (above) Quiz 11.1-11.3 KEY Quiz 11.4-11.7 KEY
11		Summative Test Chapter 11	Relax!

The POINT is available before & after school and during all periods for extra help!

Make sure you do your best to answer each and every problem on your homework!

EXTRA PRACTICE worksheets

Chapter 11 LEARNING TARGETS

	M-A-T-H?
I can solve proportions.	
I can use ratios and proportions to solve word problems.	
I can define and apply similarity to similar polygons.	
I can discover shortcut methods for determining similar triangles.	
I can find missing parts of similar figures.	
I can use similar triangles to solve applied problems, i.e. shadow and mirror problems.	
I can discover and apply a relationship between corresponding parts of similar triangles.	
I can discover and apply the ratio of parts of a triangle created by an angle bisector.	
I can discover and apply the relationship between the areas of similar figures.	
I can discover and apply the relationship between the surface areas of similar solids.	
I can apply the similarity conjectures to problems involving area.	
I can discover and apply the relationship between the volumes of similar solids.	

I can discover the relationship between the ratios of the parts into which parallel lines cut the sides of a triangle. • I can extend the Parallel/Proportionality Conjecture to include multiple parallel lines.	