

Ch 5 “Relationships with Triangles” Syllabus Name_____

5.1 “Midsegments of Triangles”

- a. 5.1 Investigation Triangle Midsegments
 - Part I “Folding Triangles for Midsegments” (1pts)
 - Part II Midsegment Hand Construction (5pts).
 - Part III [5.1 Investigation Midsegment Geogebra Construction \(4pts\)](#)
example [Midsegment construction](#)
- b. 5.1 Notes Hard copy
 - [5.1 Video Notes \(5pts\)](#)
 - [5.1 Notes Quiz \(3pts\)](#)
- c. [5.1 Practice-Quiz \(3pts\)](#)
 - a. [5.1 Practice-Quiz Review](#)
- d. 5.1 Quiz (10pts)

5.3 “Concurrent Line in Triangles”

- a. 5.3 Investigation
 - Part I Paper Investigation (3pts)
 - Part II [Constructing Concurrent Lines](#) (5pts)
- b. 5.3 Practice (5pts)
- c. 5.3 Challenge I,II, III (5pts)
- d. [5.3 Practice Quiz \(2 pts\)](#)
- e. Lab Day Project: [Voronoi Diagrams](#)
- f. 5.3 Quiz (10pts)

5.4 Dilations and Similarity

- a. 5.4 Dilation Investigation
- b. 5.4 Video Notes
- c. [Thales’ Theorems](#)
- d. Lab [5.4 Mirrors and Shadows](#)

Resources

[Voronoi Patterns](#)