

Similarity Unit

Using this study guide will help you prepare for your exam and ensure that you learn the most important content. Keep it in your notebook or computer and take notes as you progress through the unit.

Introduction:

1. What are my unit goals/objectives?
2. My personal goal is to complete this unit by:

Should read Section C:



Section A: Similar Polygons

What properties do similar polygons have?

How do the angles in two similar polygons compare?

How do the side lengths in similar polygons compare?

Can you just prove that the angles are congruent to show similarity? Can you just show that the sides are proportional?

If you know the ratio of corresponding side lengths of similar polygons, what do you know about the ratio of their perimeters?

If you know the ratio of corresponding side lengths of similar polygons, what do you know about the ratio of their areas?