

Geometry

Week of Sept. 18

Overview

Monday: Review for Tuesday Midchapter Test (30 pts) Sec. 1-3

Tuesday: TEST on geometry terms (point, line, rays, planes, segment addition, distance formula, midpoint formula, pythagorean theorem)

Wednesday: Section 1.4 on Area and perimeter using distance, formulas, etc.

Use Student Journal pg. 17,21

Geometry Lesson 1.4: Perimeter and Area in the Coordinate Plane

Essential Question: How can you find the perimeter and area of a polygon in a coordinate plane?

Lesson Objective(s): Students will classify polygons.

Students will find perimeters and areas of polygons in the coordinate plane.

Previous Learning: Students have a prior understanding of perimeter and area of polygons, as well as the names of the polygons in the lesson. They will also use the Distance Formula from the previous lesson.

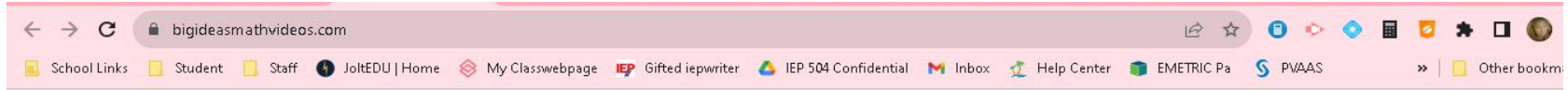
Previous Vocabulary: polygon, side, vertex, n -gon, convex, concave

CC State Standards

HSG-GPE.B.7
HSG-MG.A.1

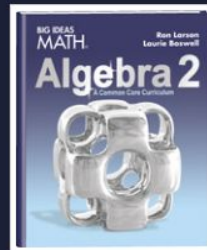
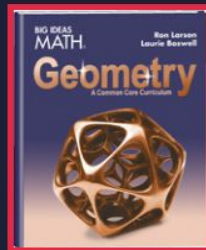
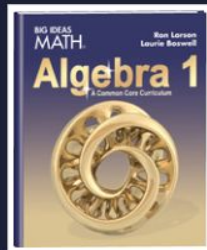
Thursday: Practice Day with 1.4 Worksheets in small groups.

Remember bigideasmath.com APP has video examples



BIG IDEAS MATH VIDEOS

Common Core High School 2015



Chapter 1

Section 1.4

- Extra Example 1
- Extra Example 2
- Extra Example 3
- Extra Example 4
- Extra Example 1

Activate Windows
Go to Settings to activate Windows.

VIEW

Friday: Section 1.5 on Angles use Student Journal pg. 22-26 for notes and examples.

Geometry Lesson 1.5 – Day 1: Measuring and Constructing Angles	
Essential Question: How can you measure and classify an angle?	
Lesson Objective(s): Students will name angles. Students will measure and classify angles. Students will identify congruent angles. Students will use the Angle Addition Postulate to find angle measures. Students will bisect angles.	CC State Standards HSG-CO.A.1 HSG-CO-D.12
Previous Learning: Measuring and classifying angles should be familiar to students from previous grades. They found the sum of interior angles and the sum of exterior angles in grade 8.	
New Vocabulary: angle, vertex, sides of an angle, interior of an angle, exterior of an angle, measure of an angle, acute angle, right angle, obtuse angle, straight angle, congruent angles, angle bisector	