Week Dec 16-17 Lesson Overview -- CP Geometry

Monday -

Watch and copy the following examples on similar triangles from Kuta

- https://www.youtube.com/watch?v=PDSFT6Dt4yA
- https://www.youtube.com/watch?v=xEcnTiOtkQE
- https://www.youtube.com/watch?v=HIbfFHfJnDM

Worksheet with condensed answers off this link

- https://cdn.kutasoftware.com/Worksheets/Geo/7-Similar%20Triangles.pdf

Tuesday -

- Review the worksheets from yesterday on checking for similar triangles by AAA, SSS, or SAS configuration with proportional sides.
- Review CONGRUENT Triangle PROOF test -- will test more on THURS. As linking it to this SIMILAR
- Use also the Guided practice on sections 1-3 using Soft Practice Book pg. 127-132 Guided practice on sections 1-3 using Practice Book
  - pg 127 #1-3,
  - Pg 129, # 1,2,10,11
  - Pg 131 #1-5

Lesson Week Dec 18-20 ---- CP Geometry

Wednesday - Finish with Soft Practice Book

Thursday - TEST

Friday - Christmas Activities with early dismissal

January 15&16 Semester MIDTERM **exam**

Objectives/Standards/ Learning Targets for Dec 16-20

Section 8.1: Similar Polygons

Common Core State Standards: G.SRT.A.2, G.SRT.B.5
Learning Target: Understand the relationship between similar polygons.
Success Criteria

- Use similarity statements.
- Find corresponding lengths in similar polygons.

Section 8.2: Proving Triangle Similarity by AA

Common Core State Standards: G.SRT.A.3, G.SRT.B.5
Learning Target: Understand and use the Angle-Angle-Similarity Theorem.
Success Criteria

- Use similarity transformations to prove the Angle-Angle Similarity Theorem.
- Use angle measures of triangles to determine whether triangles are similar.
- Prove triangle similarity using the Angle-Angle Similarity Theorem.

Note: At this time, perimeter and area theorems will not be covered, nor application word problems nor formal proofs.

Section 8.3: Proving Triangle Similarity by SSS and SAS

Common Core State Standards: G.SRT.B.5, G.GPE.B.5
Learning Target: Understand and use additional triangle similarity theorems.
Success Criteria

- Use the SSS and SAS similarity theorems to determine whether triangles are similar.

Week Dec 9-13 GEOMETRY
Lessons Overview PD 1,4

8.1 & 8.2

BOARD NOTES