

Date:

Title:

(F) **In Class Examples:** pg 214; Q10-36 but not 30-34

(G) **Congruent Triangles** → we have several ways that we can PROVE that two triangles are congruent:

- a. **Side-side-side (SSS)** → if the _____, of one triangle are congruent to the _____ of another triangle, then the 2 triangles are _____.
- b. **Side-angle-side (SAS)** → if two _____ and their _____ in one triangle are congruent with two _____ and their _____ in another triangle, then the 2 triangles are _____.
- c. **Angle-side-angle (ASA)** → if two _____ and the _____ in one triangle are congruent with two _____ and the _____ in another triangle, then the 2 triangles are _____.

(H) **In class Examples** → We will work through the following worksheets:

- (1) <http://www.kutasoftware.com/FreeWorksheets/GeoWorksheets/4-Congruence%20and%20Triangles.pdf>
- (2) <http://www.kutasoftware.com/FreeWorksheets/GeoWorksheets/4-SSS%20and%20SAS%20Congruence.pdf>
- (3) <http://www.kutasoftware.com/FreeWorksheets/GeoWorksheets/4-ASA%20and%20AAS%20Congruence.pdf>

(I) **Internet Links**

http://www.mrperezonlinemathtutor.com/CARFILES/AAS_ASA_SAS_SSS_by_Mr_Perez.html

http://www.mrperezonlinemathtutor.com/G/1_5_Proving_Congruent_SSS_SAS_ASA_AAS.html