Geometry: Unit 4 Triangles

ALC: NO

SLO: I can prove triangles are congruent by SSS, SAS, ASA, AAS, and HL and know when to use each postulate or theorem.

లులులు Today is a GREAT day to think mathematically! Let's get organized first. లులులులు	
12/10 Proof Posters	
12/10 Proof Posters - Name triangles are congruent by SSS, SAS, ASA, AAS and HL and know when to use each e or theorem.	
12/10 CW: Proof Posters due 12/10 12/10 HW: Congruent triangles flashcards due 12/11	
Name, Pate, Period, draw a diagram for each: 1) B is the midpoint of segment LJ 2) Ray TY bisects angle PTR 3) Segment AC is congruent to segment ES	

LESSON: (Record all work in your notebook.)

Notes (Copy into your notebook and draw a box around them)

NO NOTES TODAY. INSTEAD ... Use your notes to

- 1) Make a proof poster draft.
- 2) Edit another students draft
- 3) Make a final draft of your proof poster using the edits suggested by others.

Geometry: Unit 4 Triangles

SLO: I can prove triangles are congruent by SSS, SAS, ASA, AAS, and HL and know when to use each postulate or theorem.

Given: HJ || GK; HJ ≅ GK

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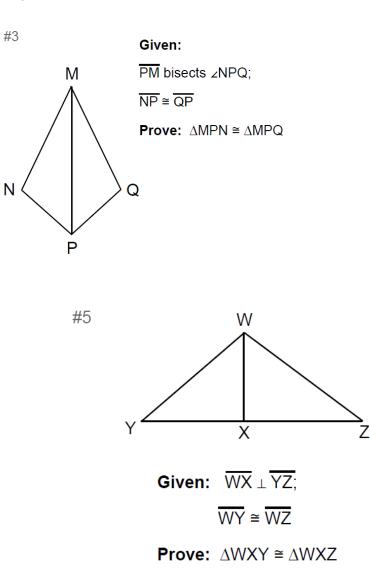
Prove: ∆GHJ ≅ ∆JKG

Proof Poster Activity

You will make a poster of a proof on 11x14 paper. On the poster, you should include...

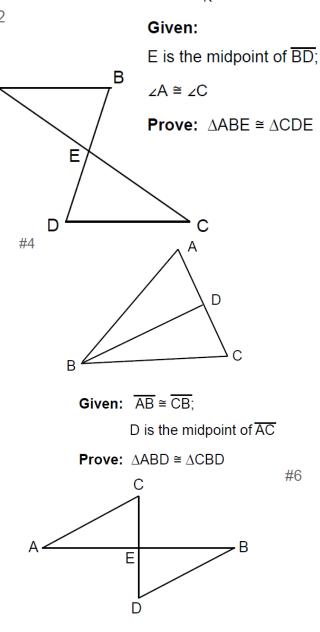
- the diagram
- the given information
- · what you are trying to prove
- a flowchart proof with statements and reasons that show why the triangles are congruent

Feel free to be creative and add color! However, the most important thing is that your proof is complete and correct!



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Given: \overline{AB} is the perpendicular bisector of \overline{CD} ;

∠C ≅ ∠D

Prove: $\triangle ACE \cong \triangle BDE$

#1