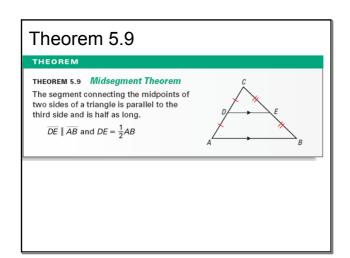
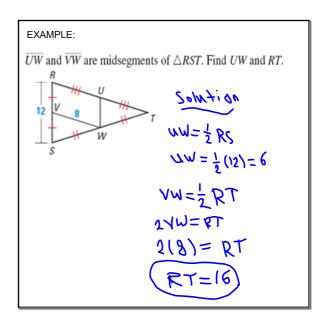
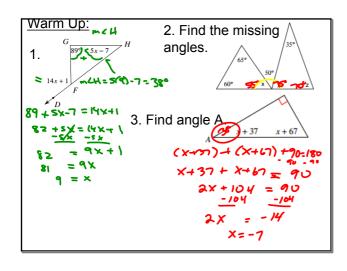
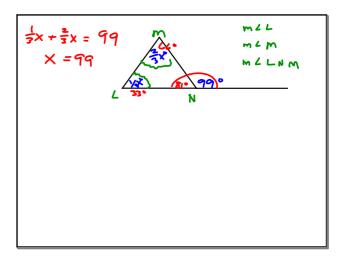


Nov 27-8:08 AM

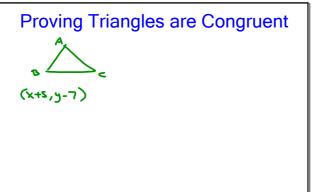








May 2-9:28 AM Nov 27-8:02 AM



WE KNOW....

Sides are and Angles are then Iriangles are congruent

1.  $\overline{AB} \cong \overline{DE}$  4.  $\angle A \cong \angle D$   $\triangle ABC \cong \triangle DEF$ 2.  $\overline{BC} \cong \overline{EF}$  5.  $\angle B \cong \angle E$ 3.  $\overline{AC} \cong \overline{DF}$  6.  $\angle C \cong \angle F$ 

Sep 22-10:33 AM Sep 22-10:38 AM

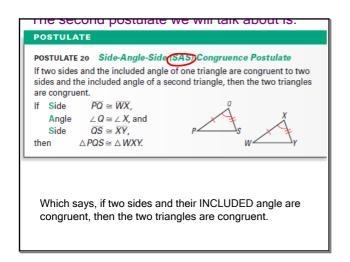
In this section we introduce 2 postulates. The first is: POSTULATE POSTULATE 19 Side-Side (SSS) Congruence Postulate If three sides of one triangle are congruent to three sides of a second triangle, then the two triangles are congruent. If Side  $\overline{MN} \cong \overline{QR}$ ,  $\overline{NP} \cong \overline{RS}$  and Side  $\overline{PM}\cong \overline{SQ}$ , Side  $\triangle MNP \cong \triangle QRS$ . In a nutshell this says, if you know each of the three sides are congruent, then the overall triangles are congruent.

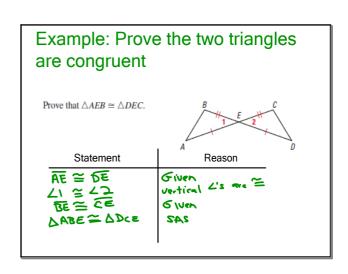
Example: Are the two triangles in the diagram congruent? If so, by what postulate? Write a congruence statement.

Answer: 

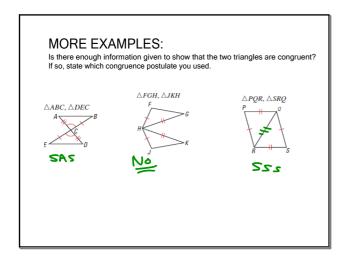
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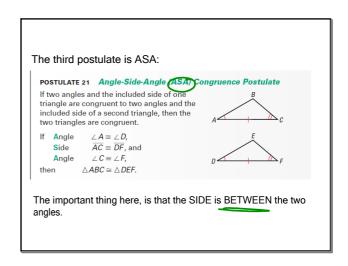
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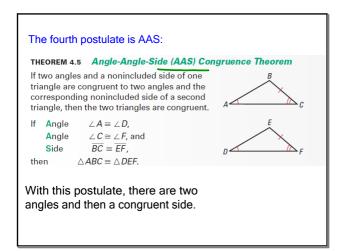


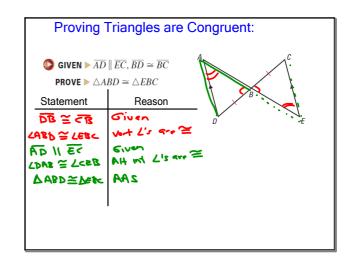
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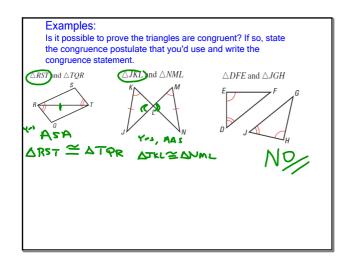


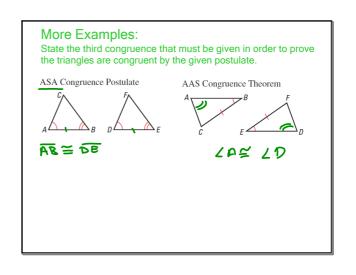
Sep 22-10:52 AM May 2-9:25 AM





May 2-9:25 AM Sep 22-6:26 PM





Sep 22-6:30 PM Sep 22-6:38 PM

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