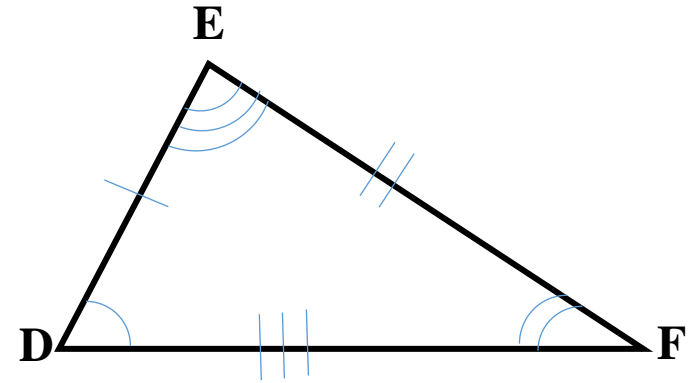
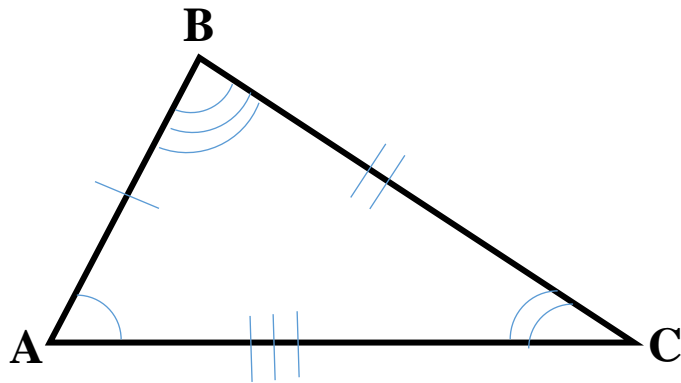


Congruence of Triangles:

Two triangles are congruent if the corresponding angles and sides are congruent.

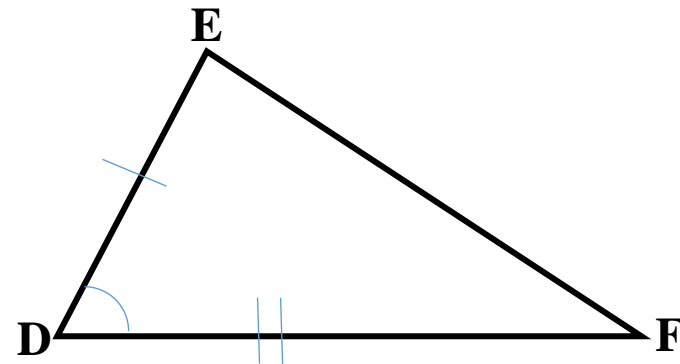
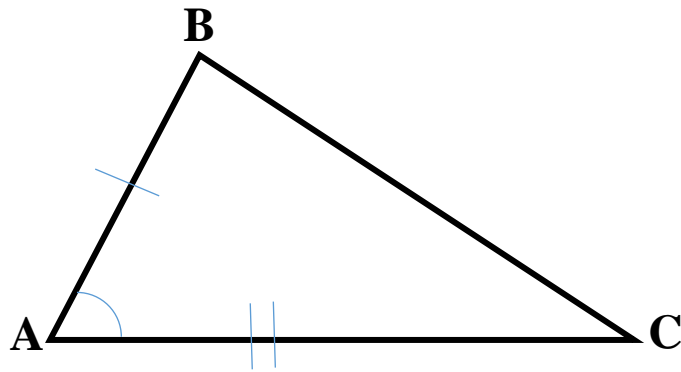
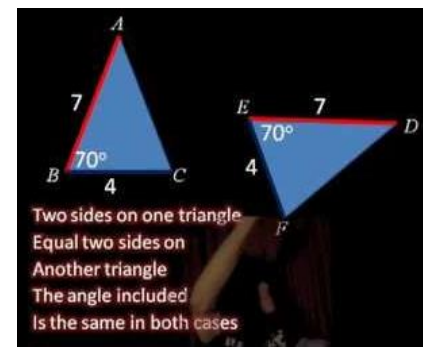


$$\triangle ABC \cong \triangle DEF$$

6 things must be congruent in order for the two triangles to be congruent.

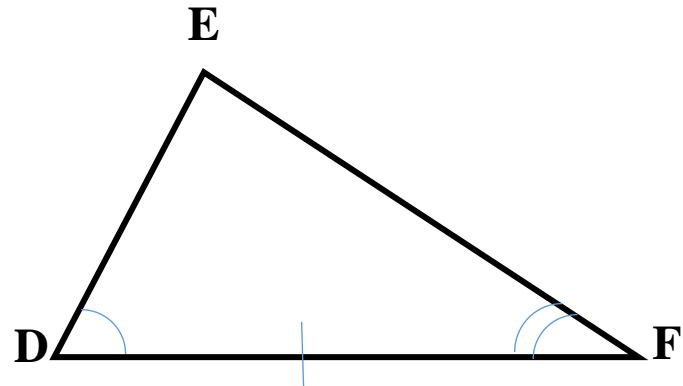
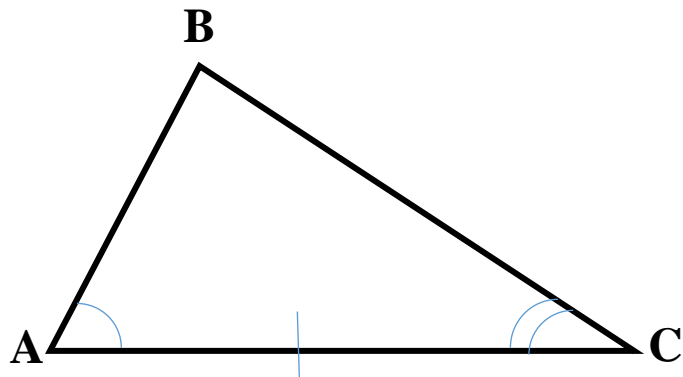
When is a fewer number of congruences enough to conclude that all 6 are congruent?

Side-Angle-Side(SAS) Congruence:



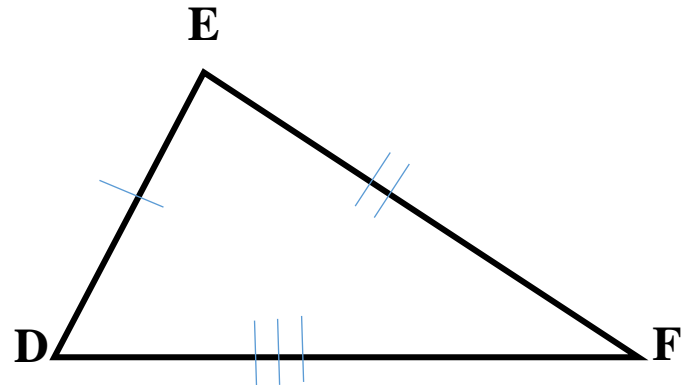
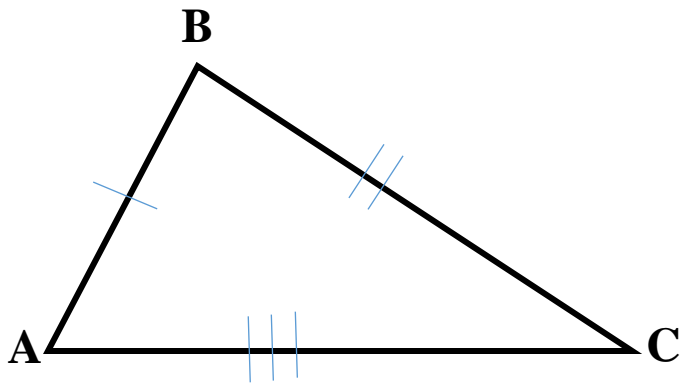
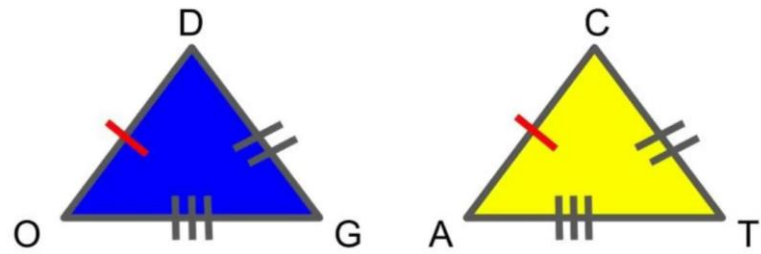
$$\triangle ABC \cong \triangle DEF$$

Angle-Side-Angle(ASA) Congruence:



$$\triangle ABC \cong \triangle DEF$$

Side-Side-Side(SSS) Congruence:



$$\triangle ABC \cong \triangle DEF$$

Determine if the following pairs of triangles are congruent:

