Triangle Congruence Using ASA Postulate and AAS Theorem

Angle-Side-Angle (ASA) Postulate

If two angles and the included side of one triangle are congruent to two angles and the included side of another triangle, then the two triangles are congruent.



Angle-Angle-Side (AAS) Theorem

If two angles and a nonincluded side of one triangle are congruent to two angles and a nonincluded side of another triangle, then the two triangles are congruent.





 $\triangle ABC \cong \triangle DEF$

ASA Post.





Given: AE || BD, AE ≅ BD, ∠E ≅ ∠D

B



A

all'enter

E



 \mathbf{F}



1.TP



G

Η

