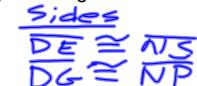
D.I.R.T?



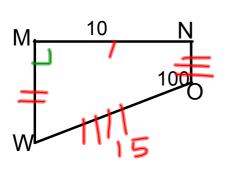
1) Given figure DEFG

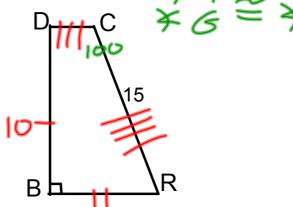


NSTP, list all the congruent parts.



Given figures MNOW BDCR, fill in the blanks.



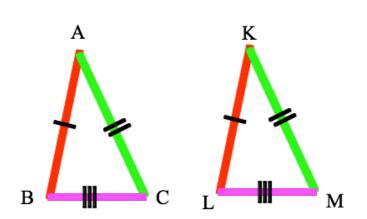


4.2 Triangle Congruence by SSS and SAS

Objective: To prove two triangles congruent using the SSS and SAS Postulates M.2.B.

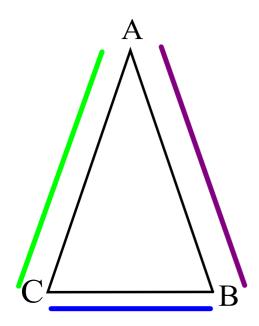
Performance Standard 3.4, 3.5 DOK-1
Knowledge MA 3

CONGRUENT TRIANGLES by SIDE-SIDE-SIDE



▲ABC ≅ ▲KLM by SSS

SSS - Side-Side-Side Postulate-If 3 sides of one triangle are congruent to 3 sides of another triangle, then they are congruent.



Given the two sides, what is the included angle?

AC and AB *A

AC and CB 考 C

<B is included by which two sides?



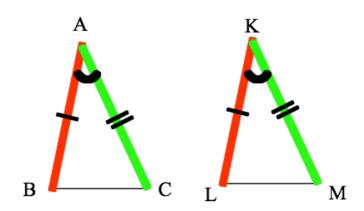
Given the two angles, what is the included side?

<A and <B AB

<B and <C **B**C

AC is the included side for which two angles?

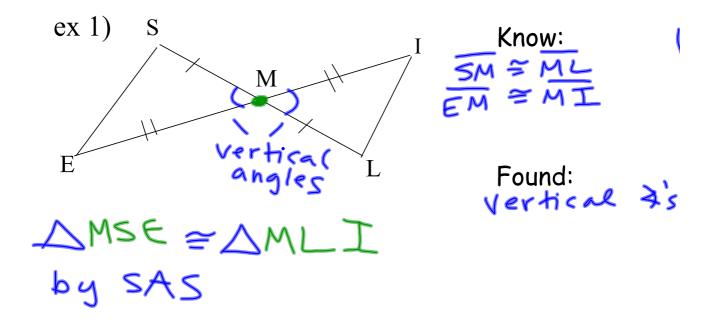
CONGRUENT TRIANGLES by SAS

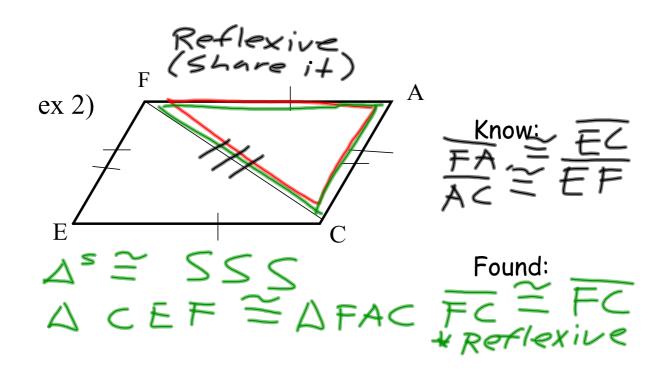


▲ABC ▲KLM by SAS

SAS- Side-Angle-Side Postulate
If 2 sides and one included angle are congruent to 2 sides
and one included angle of another triangle, then the
triangles are congruent.

Tell whether the triangles are congruent. If so, justify and write a congruence statement.





Tell whether the triangles are congruent. If so, justify and write a congruence statement.

