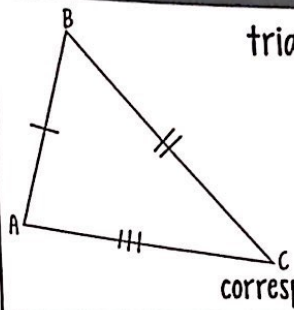
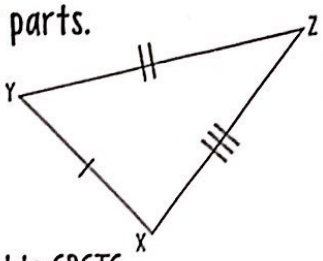
PROVING TRIANGLES CONGRUENT



triangle congruence statements identify the pairs of congruent parts.

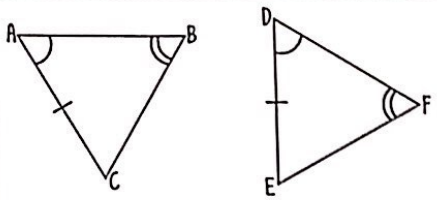
given $\triangle ABC \cong \triangle XYZ$

angles	sides

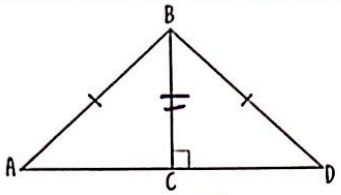


corresponding parts of congruent triangles are congruent can be shortened to CPCTC

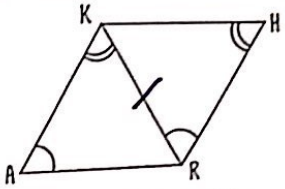
for each pair of triangles below a) determine if congruent
if so... b) give the proving postulate or theorem c) give the triangle congruence statement



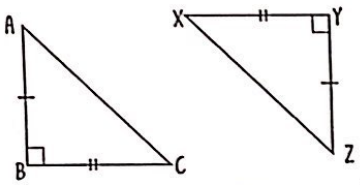
congruent?	(yes) no
reason	AAS
$\triangle ABC \cong \triangle DFE$	



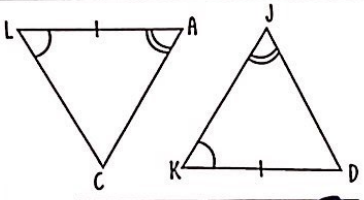
congruent?	(yes) no
reason	HL
$\triangle ACB \cong \triangle DCB$	



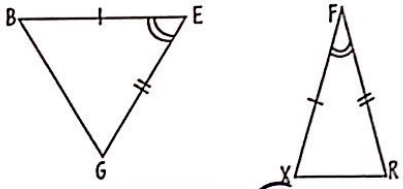
congruent?	yes (no)
reason	
$\triangle \_\_\_ \cong \triangle \_\_\_$	



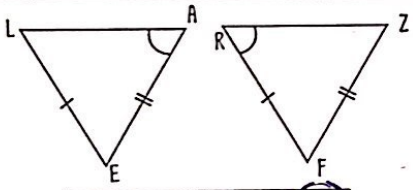
congruent?	(yes) no
reason	HL
$\triangle ABC \cong \triangle ZYX$	



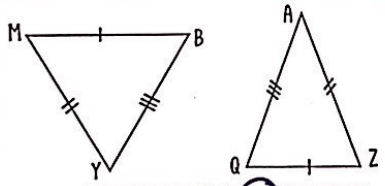
congruent?	yes (no)
reason	
$\triangle \_\_\_ \cong \triangle \_\_\_$	



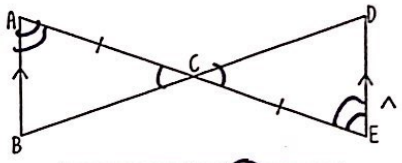
congruent?	(yes) no
reason	SAS
$\triangle BEG \cong \triangle XFR$	



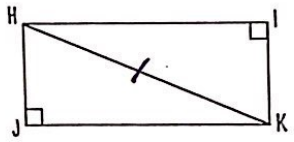
congruent?	yes (no)
reason	
$\triangle \_\_\_ \cong \triangle \_\_\_$	



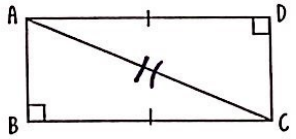
congruent?	(yes) no
reason	SSS
$\triangle BMY \cong \triangle QZA$	



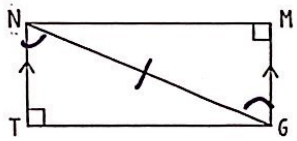
congruent?	(yes) no
reason	ASA
$\triangle ACB \cong \triangle ECD$	



congruent?	yes (no)
reason	
$\triangle \_\_\_ \cong \triangle \_\_\_$	



congruent?	(yes) no
reason	HL
$\triangle ABC \cong \triangle CDA$	



congruent?	(yes) no
reason	AAS
$\triangle TNG \cong \triangle MGN$	