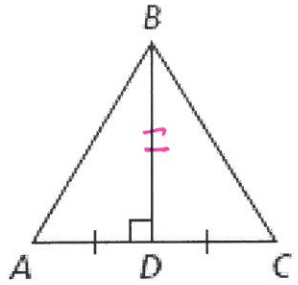
Identifying Congruent Triangles - Practice Assignment

Identifying Congruent Triangles: Using Postulates

Name _____ Block _____

a) **Mark any shared sides (reflexive) and vertical angles.**
b) **Identify which of the triangle postulates is shown on each diagram. Write SSS, SAS, ASA, or AAS.**
c) **Write the triangle congruence statement.**

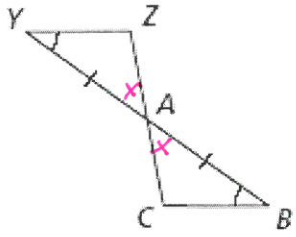
1.



SAS

$\triangle ADB \cong \triangle CDB$

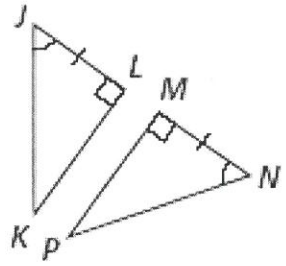
2.



ASA

$\triangle YAZ \cong \triangle BAC$

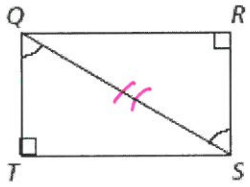
3.



ASA

$\triangle KLJ \cong PMN$

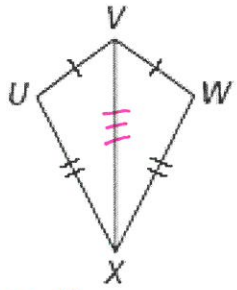
4.



AAS

$\triangle QTS \cong SRQ$

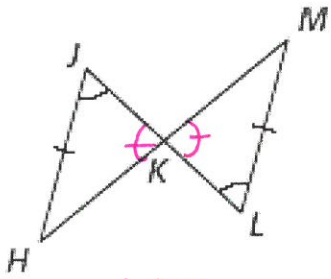
5.



SSS

$\triangle VUX \cong VWX$

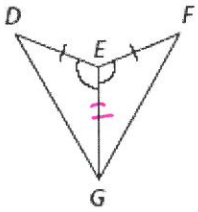
6.



AAS

$\triangle JKH \cong LKM$

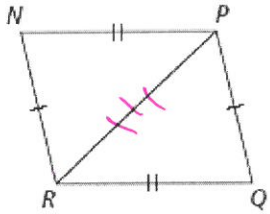
7.



SAS

$\triangle DEG \cong \triangle FEG$

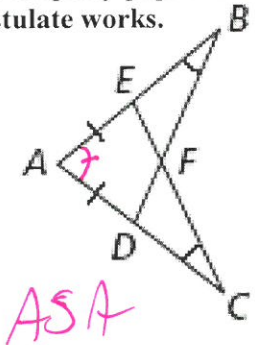
8.



SSS

$\triangle NPR \cong QRP$

Challenge: You may trace these separately on patty paper to see which postulate works.



ASA

$\triangle BAD \cong CAE$