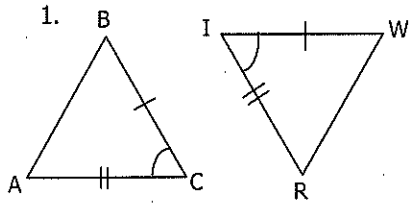


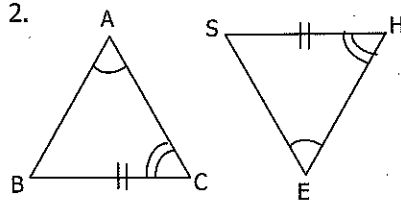
Geometry preAP
Proving Triangles Congruent: ASA, AAS, SAS, SSS

name: _____
 date: _____

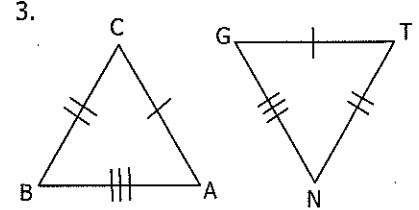
For each problem give the correct naming order of the congruent triangles. Write that name in order on the lines for the problem number (see box at bottom). Also, indicate which postulate or theorem is being used.



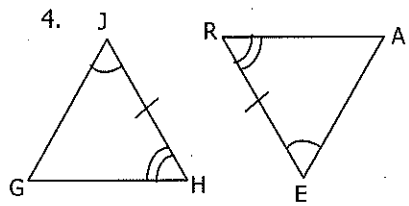
$\triangle ABC \cong \triangle$ _____ by _____



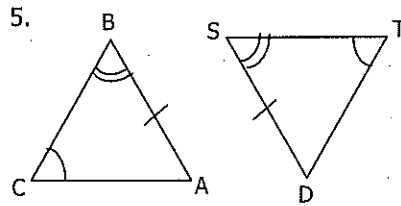
$\triangle ABC \cong \triangle$ _____ by _____



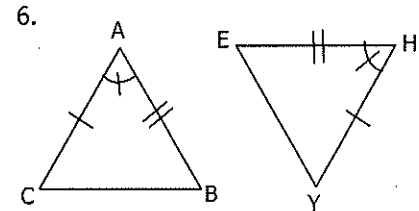
$\triangle ABC \cong \triangle$ _____ by _____



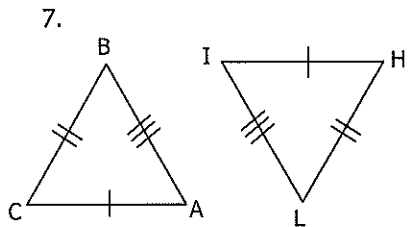
$\triangle GHJ \cong \triangle$ _____ by _____



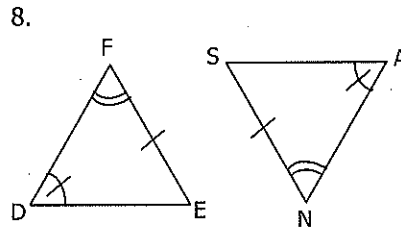
$\triangle ABC \cong \triangle$ _____ by _____



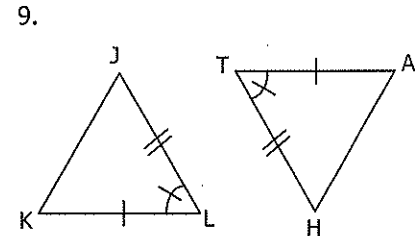
$\triangle ABC \cong \triangle$ _____ by _____



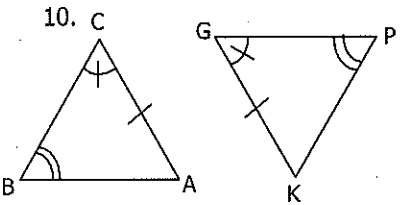
$\triangle ABC \cong \triangle$ _____ by _____



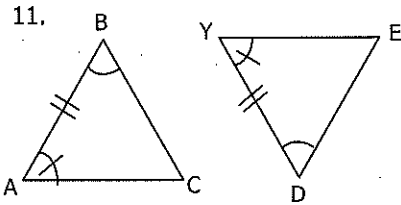
$\triangle DEF \cong \triangle$ _____ by _____



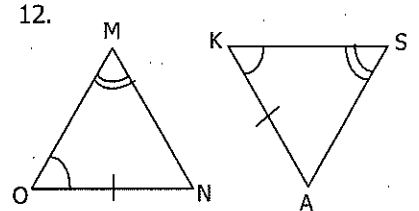
$\triangle JKL \cong \triangle$ _____ by _____



$\triangle ABC \cong \triangle$ _____ by _____



$\triangle ABC \cong \triangle$ _____ by _____



$\triangle MNO \cong \triangle$ _____ by _____

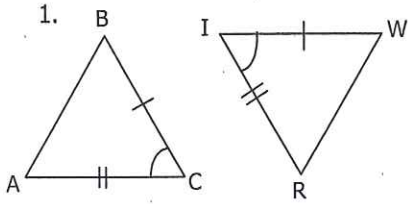
4 4 4 8 8 O 8 12 N 12 12 2 S 2 2 E 5 I 5 5 9 9 9 T 6
 6 6 10 E E 10 10 1 O 1 1 N 3 U 3 3 7 7 T 7 E 11 11 I 11

(When you are done with the puzzle, there are: 3 SAS, 5 AAS, 2 ASA, and 2 SSS instances.)

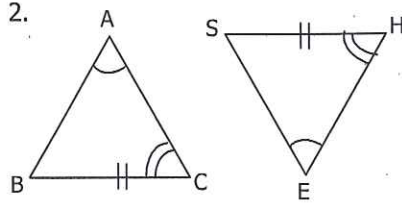
Geometry preAP
Proving Triangles Congruent: ASA, AAS, SAS, SSS

name: _____
 date: _____

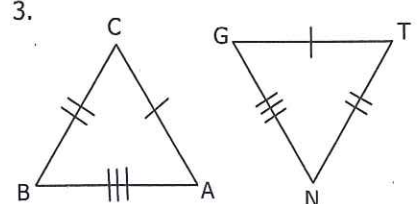
For each problem give the correct naming order of the congruent triangles. Write that name in order on the lines for the problem number (see box at bottom). Also, indicate which postulate or theorem is being used.



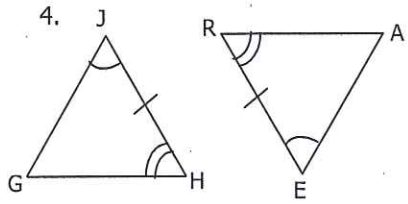
$\triangle ABC \cong \triangle RWI$ by SAS



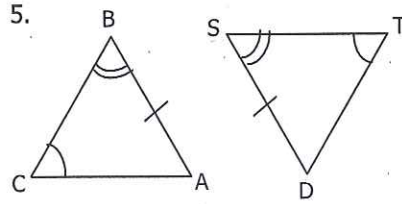
$\triangle ABC \cong \triangle ESH$ by AAS



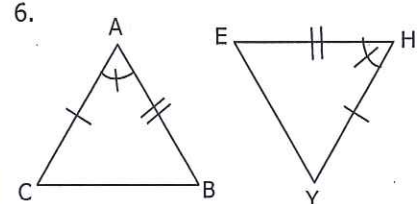
$\triangle ABC \cong \triangle GNT$ by SSS



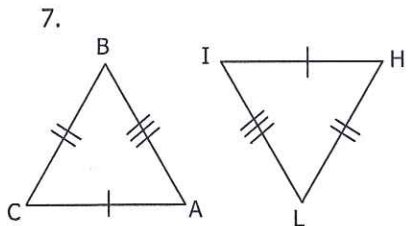
$\triangle GHJ \cong \triangle ARE$ by ASA



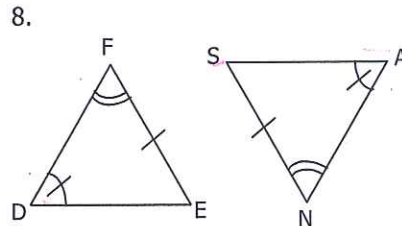
$\triangle ABC \cong \triangle DST$ by AAS



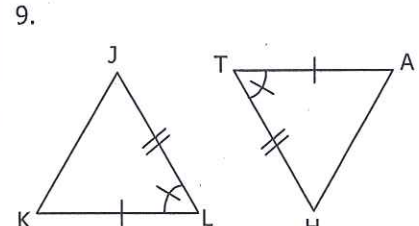
$\triangle ABC \cong \triangle HEY$ by SAS



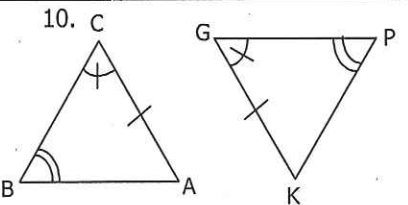
$\triangle ABC \cong \triangle ILH$ by SSS



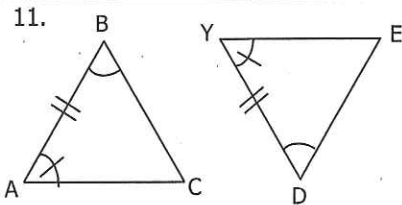
$\triangle DEF \cong \triangle ASN$ by SAS AAS



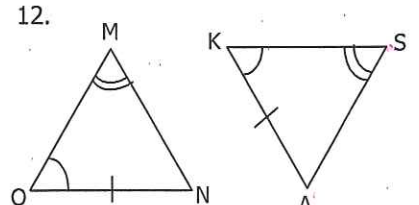
$\triangle JKL \cong \triangle HAT$ by SAS



$\triangle ABC \cong \triangle KPG$ by AAS



$\triangle ABC \cong \triangle YDE$ by ASA



$\triangle MNO \cong \triangle KAS$ by AAS

A B E A S O N S N A K E S S H E O I S T H A T T H
 4 4 4 8 8 8 12 12 12 2 2 2 5 5 5 9 9 9 6
E Y K E E P G R O W I N G U N T I L T H E V D I E
 6 6 10 10 10 1 1 1 3 3 3 7 7 7 11 11 11

(When you are done with the puzzle, there are: 3 SAS, 5 AAS, 2 ASA, and 2 SSS instances.)