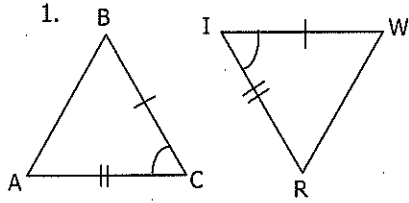


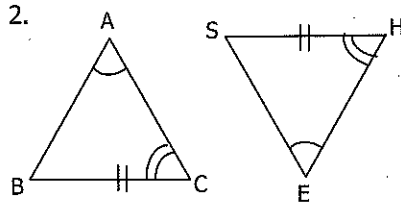
Geometry preAP
Proving Triangles Congruent: ASA, AAS, SAS, SSS

name: _____
 date: _____

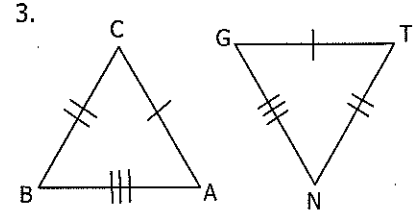
For each problem give the correct naming order of the congruent triangles. Write that name in order on the lines for the problem number (see box at bottom). Also, indicate which postulate or theorem is being used.



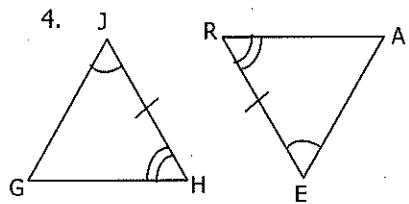
$\triangle ABC \cong \triangle$ _____ by _____



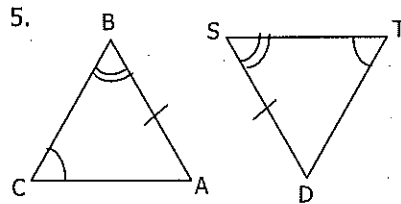
$\triangle ABC \cong \triangle$ _____ by _____



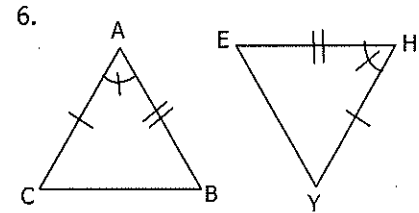
$\triangle ABC \cong \triangle$ _____ by _____



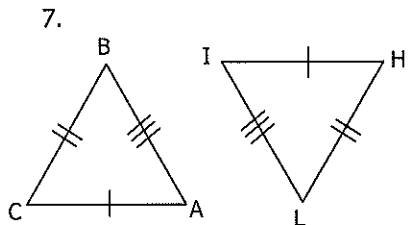
$\triangle GHJ \cong \triangle$ _____ by _____



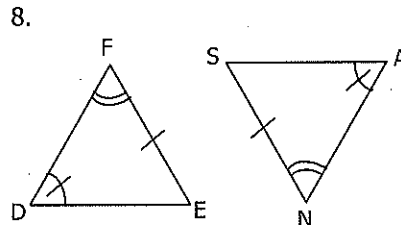
$\triangle ABC \cong \triangle$ _____ by _____



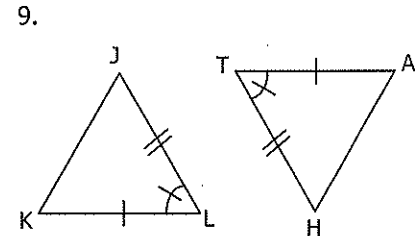
$\triangle ABC \cong \triangle$ _____ by _____



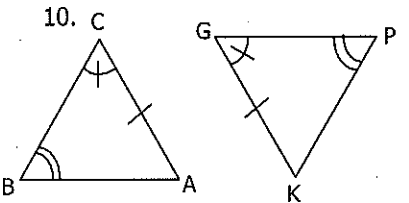
$\triangle ABC \cong \triangle$ _____ by _____



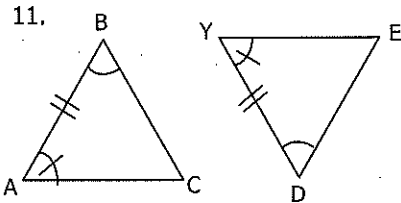
$\triangle DEF \cong \triangle$ _____ by _____



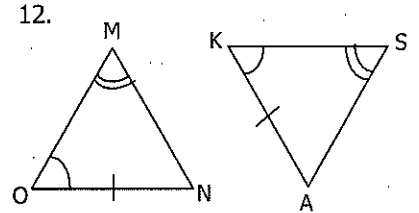
$\triangle JKL \cong \triangle$ _____ by _____



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



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



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

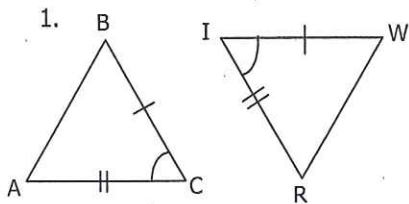
4 4 4 8 8 O 8 12 N 12 12 2 S 2 2 E 5 I 5 5 9 9 9 T 6
 6 6 10 E E 10 10 1 O 1 1 N 3 U 3 3 7 7 T 7 E 11 11 I 11

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

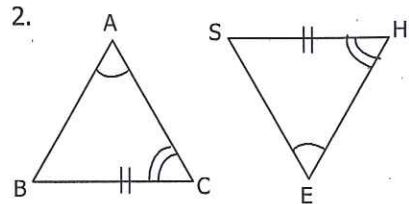
Geometry preAP
Proving Triangles Congruent: ASA, AAS, SAS, SSS

name: _____
 date: _____

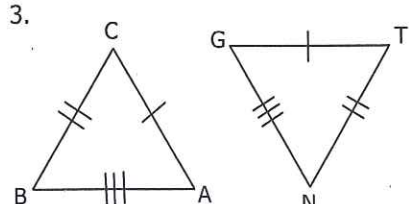
For each problem give the correct naming order of the congruent triangles. Write that name in order on the lines for the problem number (see box at bottom). Also, indicate which postulate or theorem is being used.



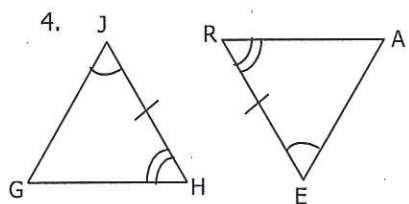
$\triangle ABC \cong \triangle \underline{RWI}$ by SAS



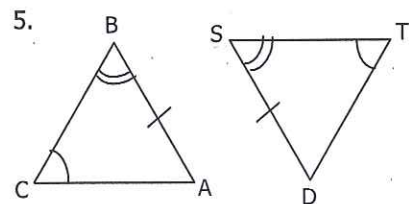
$\triangle ABC \cong \triangle \underline{ESH}$ by AAS



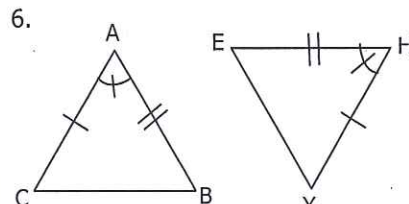
$\triangle ABC \cong \triangle \underline{GNT}$ by SSS



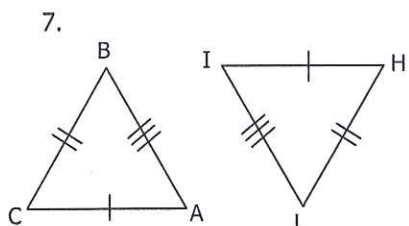
$\triangle GHJ \cong \triangle \underline{ARE}$ by ASA



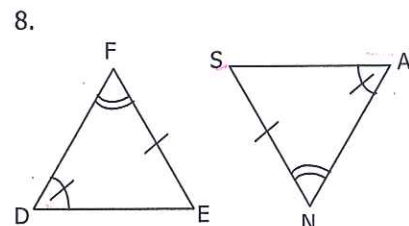
$\triangle ABC \cong \triangle \underline{DST}$ by AAS



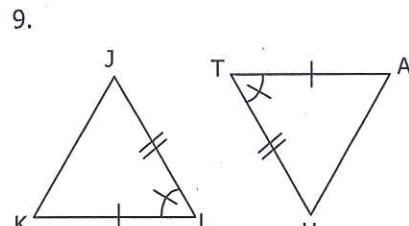
$\triangle ABC \cong \triangle \underline{HEY}$ by SAS



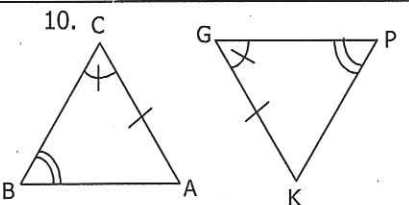
$\triangle ABC \cong \triangle \underline{ILH}$ by SSS



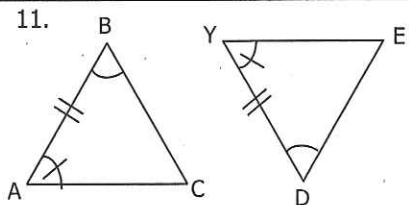
$\triangle DEF \cong \triangle \underline{ASN}$ by SAS AAS



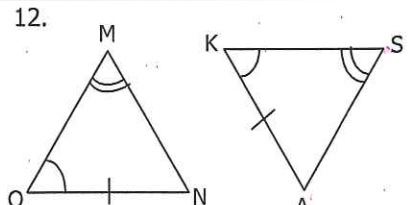
$\triangle JKL \cong \triangle \underline{HAT}$ by SAS



$\triangle ABC \cong \triangle \underline{KPG}$ by AAS



$\triangle ABC \cong \triangle \underline{YDE}$ by ASA



$\triangle MNO \cong \triangle \underline{KAS}$ 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.)