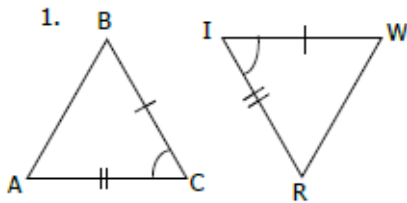
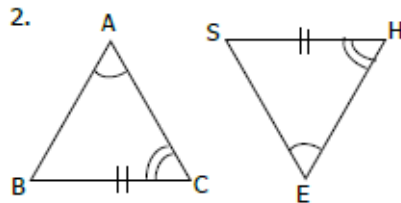


Name: \_\_\_\_\_

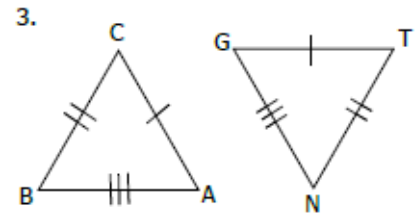
For each problem give the correct naming order of the congruent triangles. Write that name in order on the lines for the problem number. Also indicate which postulate or theorem is being used.



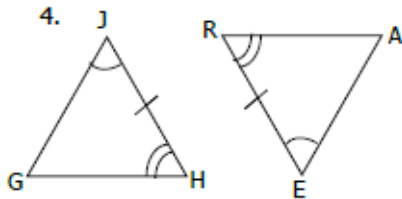
$\triangle ABC \cong \triangle$  RWI by SAS



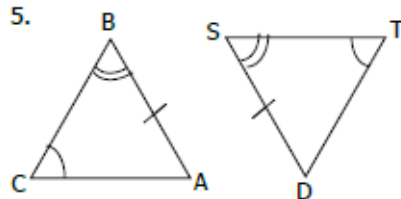
$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



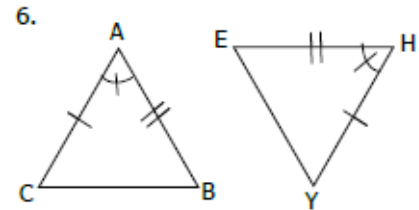
$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



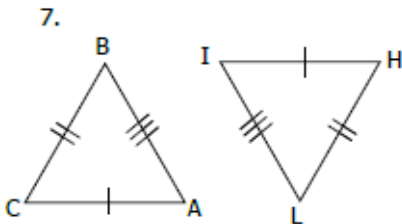
$\triangle GHJ \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



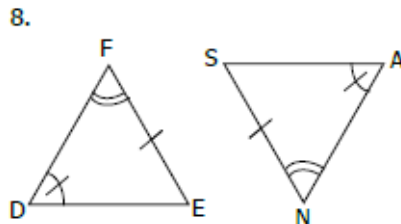
$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



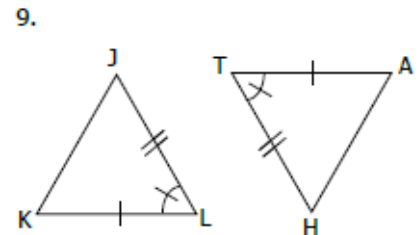
$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



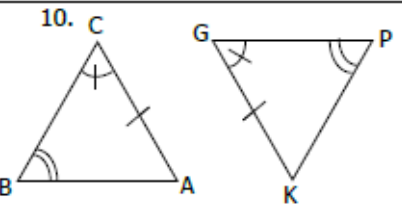
$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



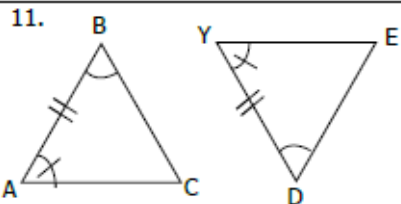
$\triangle DEF \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



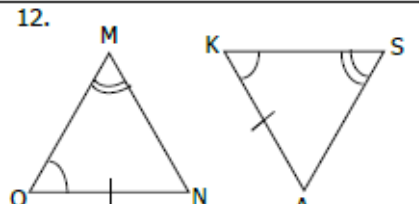
$\triangle JKL \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



$\triangle ABC \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_



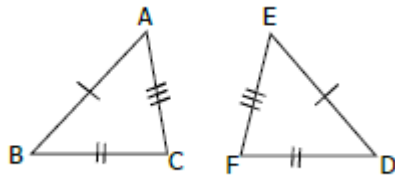
$\triangle MNO \cong \triangle$  \_\_\_\_\_ by \_\_\_\_\_

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

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

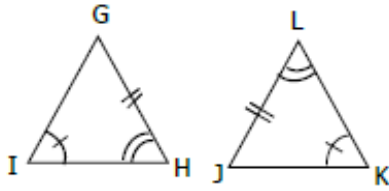
For each figure, which triangles are congruent? Write the proof parts accurately that would show the congruence and give the correct reason why the triangles are congruent.

Example:



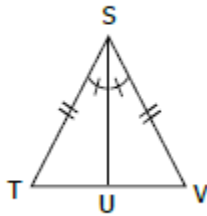
$\overline{AB} \cong \overline{ED}$	}	→	$\Delta ABC \cong \Delta EDF$
$\overline{AC} \cong \overline{EF}$			(reason:
$\overline{BC} \cong \overline{DF}$			$SSS$ Postulate )

1.



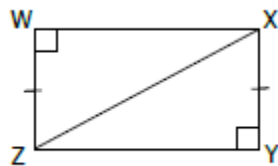
_____	}	→	_____
_____			(reason:
_____			_____ )

2.



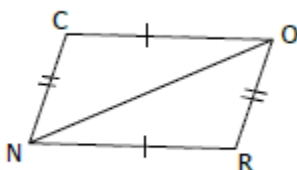
_____	}	→	_____
_____			(reason:
_____			_____ )

3.



_____	}	→	_____
_____			(reason:
_____			_____ )

4.



_____	}	→	_____
_____			(reason:
_____			_____ )