

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

**9-4 HW – SSS and SAS Triangle Congruence**

Score:
_____ / _____
_____ %

**Given that  $\triangle DCT \cong \triangle FLG$  name the pairs of corresponding sides and angles.**

1. SIDES: \_\_\_\_\_ ANGLES: \_\_\_\_\_

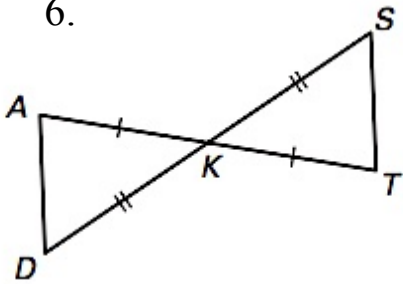
**For each triangle, name the included angle between the pair of sides given.**

2.  $\triangle MAT$  :  $\overline{MT}$  and  $\overline{TA}$                       3.  $\triangle CDA$  :  $\overline{CA}$  and  $\overline{DC}$

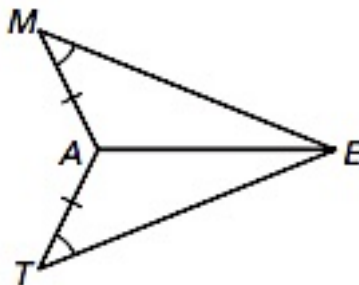
4.  $\triangle PSC$  :  $\overline{CS}$  and  $\overline{PS}$                       5.  $\triangle WDG$  :  $\overline{DG}$  and  $\overline{GW}$

**Decide whether enough information is given to prove that the triangles are congruent. If there is enough information, state the congruence postulate you would use.**

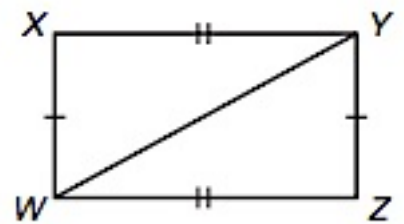
6.



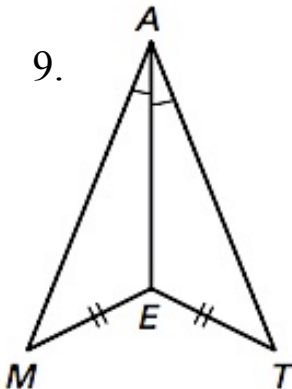
7.



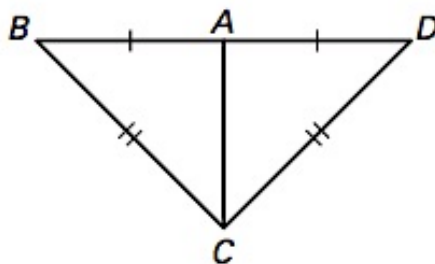
8.



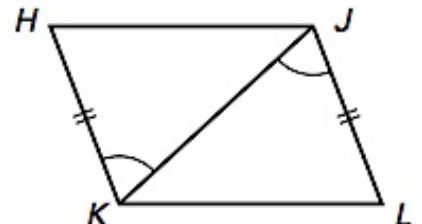
9.



10.

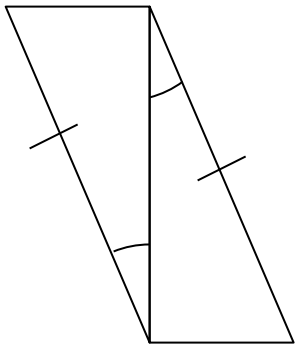


11.

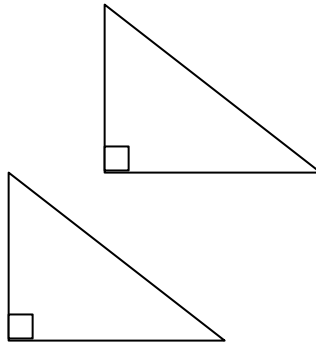


In each of the following pairs of triangles, add the required markings in order to know that the triangles are congruent by the given postulate.

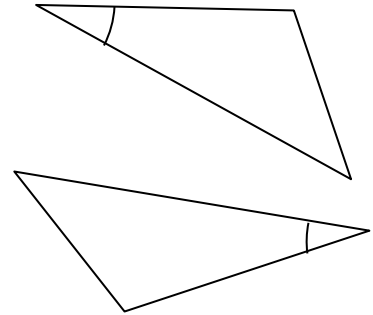
12. By SAS



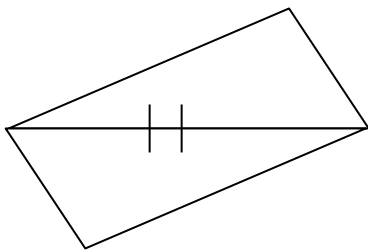
13. By SAS



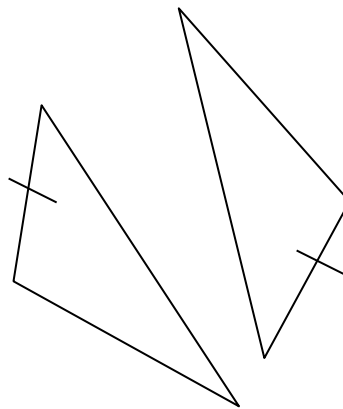
14. By SAS



15. By SSS



16. By SSS



17. By SAS

