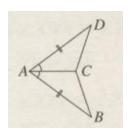
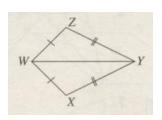
## **Triangle Congruency Worksheet**

Decide whether enough information is given to prove that the triangles are congruent. If there is enough information, a) state the congruence postulate (SSS, SAS, ASA, AAS, HL) you would use AND b) name the congruent triangles or answer not congruent.

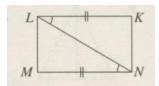
1.



2.



3.



a) post or thm \_\_\_\_\_

a) post or thm \_\_\_\_\_

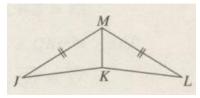
a) post or thm

b)  $\triangle$  ACD  $\cong$   $\triangle$ 

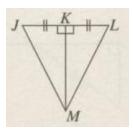
b)  $\Delta$  WZY  $\cong \Delta$  \_\_\_\_\_

b)  $\Delta$  LKN  $\cong \Delta$  \_\_\_\_\_

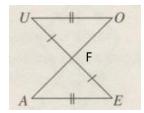
4.



5.



6.



a) post or thm \_\_\_\_\_

b)  $\Delta$  JKM  $\cong \Delta$  \_\_\_\_\_

a) post or thm \_\_\_\_\_

b)  $\Delta$  LMK  $\cong \Delta$  \_\_\_\_\_

a) post or thm \_\_\_\_\_

b)  $\Delta$  UFO  $\cong \Delta$ 

Decide whether enough information is given to prove that the triangles are congruent. If there is enough information state the congruence postulate (SSS, SAS, ASA, AAS, HL) or state not ≅.

