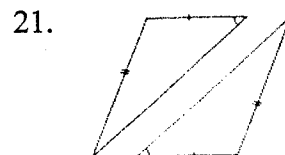
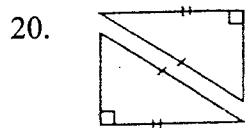
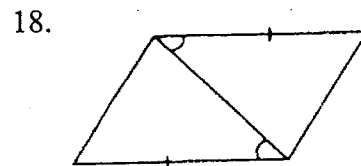
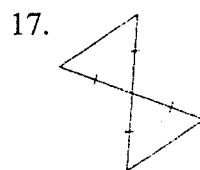
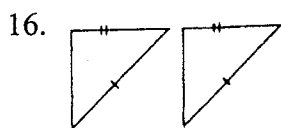
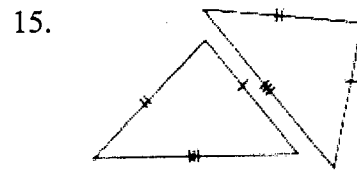
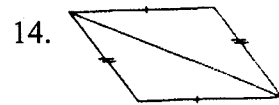
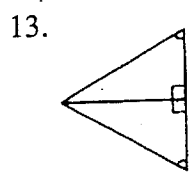
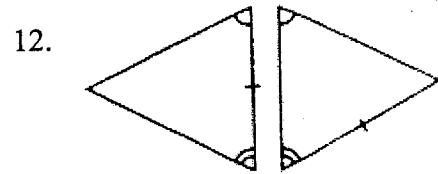
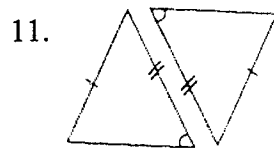
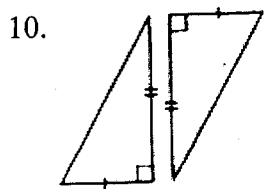
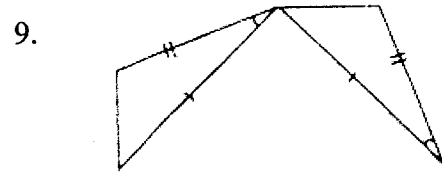
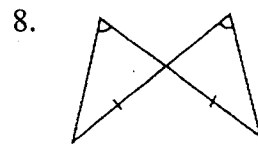
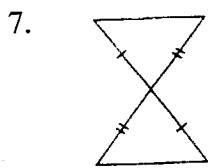
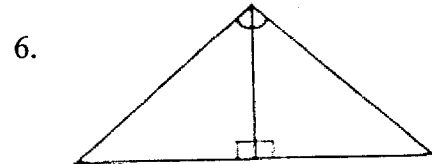
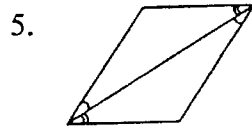
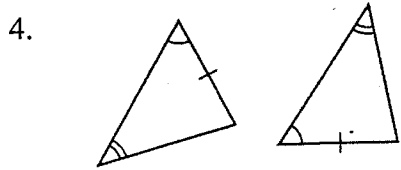
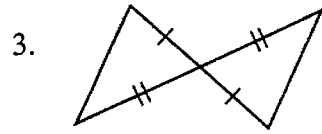
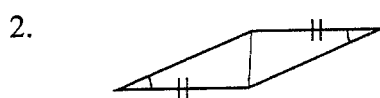
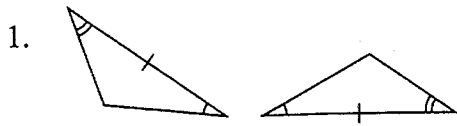
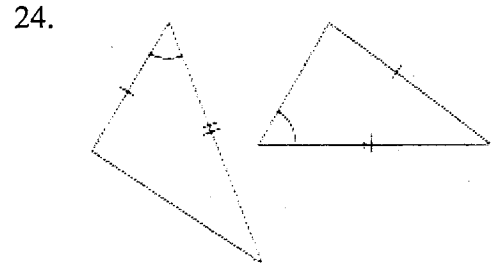
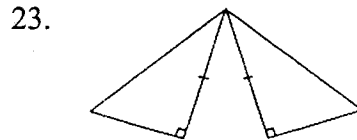
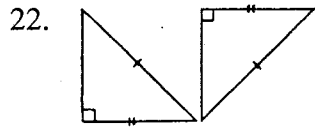


Geometry  
Postulates worksheet

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

For the following triangles, state the postulate that could be used to prove them congruent. If proof is not possible, write *not possible*.



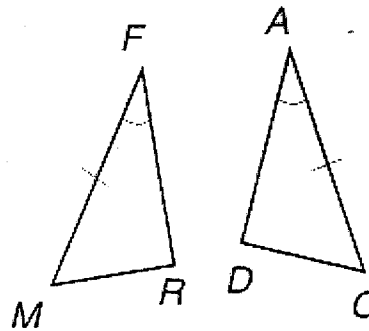


For each of the following, what other statements must be made in order to prove the triangles are congruent by each postulate?

22. At right, use triangles RFM and DAC.

SSS:                      SAS:

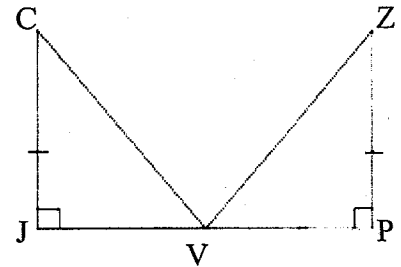
ASA:                      AAS:



23. At right, use triangles  $\Delta CJV$  and  $\Delta ZPV$ .

SSS:                      SAS:

ASA:                      AAS:                      HL:



24.  $\Delta MXA$  and  $\Delta ZBL$

$\angle M \cong \angle Z, \overline{MA} \cong \overline{ZL}$ . What else is needed for:

SSS:

SAS:

ASA:

AAS:

25.  $\Delta RDK$  and  $\Delta QWI$

$\angle K \cong \angle I, \overline{RK} \cong \overline{QI}$ . What else is needed for:

SSS:

SAS:

ASA:

AAS: