**GEOMETRY NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Triangle Congruence Period \_\_\_\_\_**

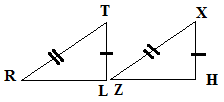
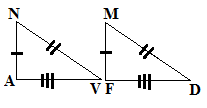
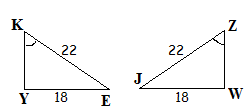
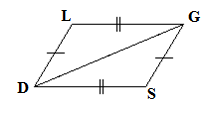
**CONGRUENT TRIANGLES**

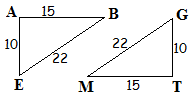


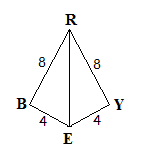
**SSS**

The SSS Theorem:

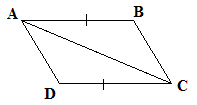
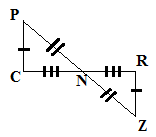
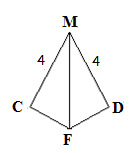
Decide if each set of triangles is congruent by the SSS Theorem. If they are congruent, write a congruency statement.

1. 2. 3.





4. 5. 6.

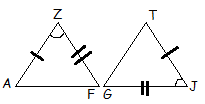
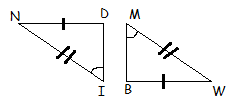


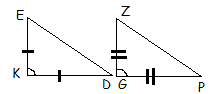
7. 8. 9.

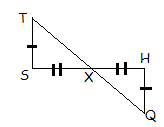
**SAS**

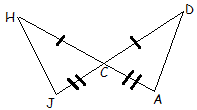
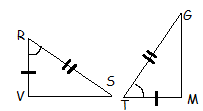
**A**

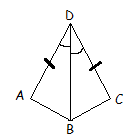
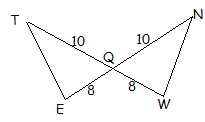
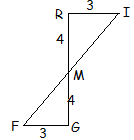
The SAS Theorem:

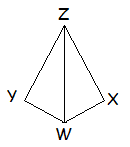
Decide if each set of triangles is congruent by the SAS Theorem. If they are congruent, write a congruency statement

1 2. 3.



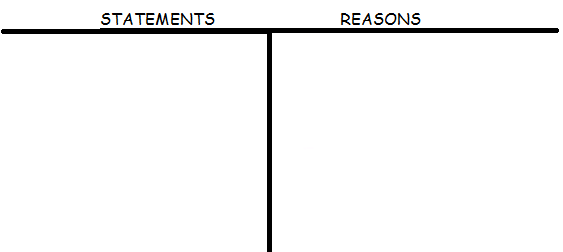
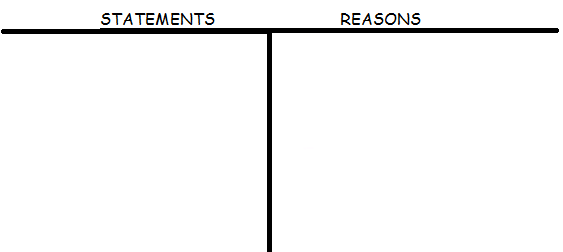
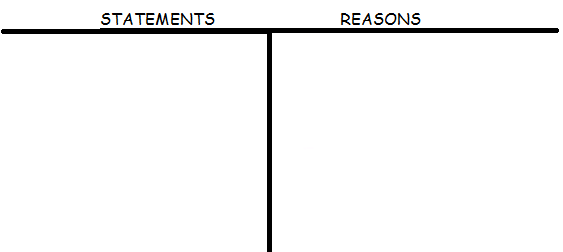
4. 5. 6.

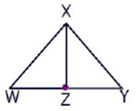
7. 8. 9.



Given: , 

Prove: 





Given: 



Prove: 

