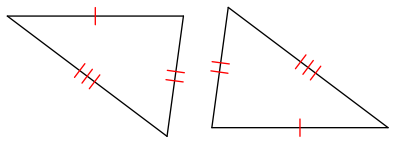
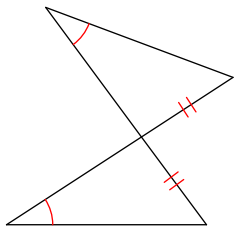
Geometry Name_____ ID: 1

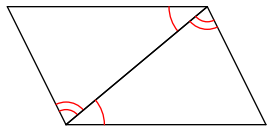
Practice Quiz

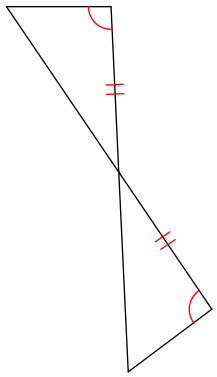
Period____

State if the two triangles are congruent. If they are, state how you know.

1) 

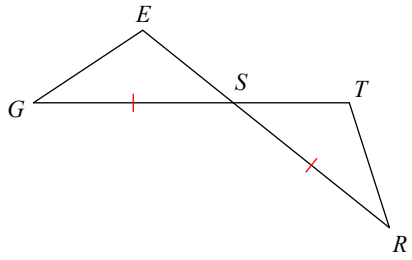
2) 

3) 

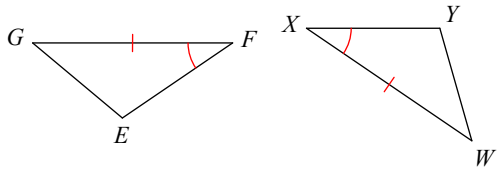
4) 

State what additional information is required in order to know that the triangles are congruent for the reason given. Be as descriptive as possible or use the appropriate mathematical symbols.

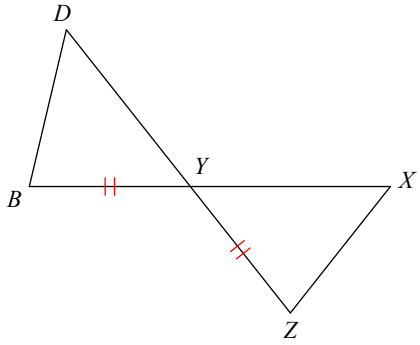
5) SAS



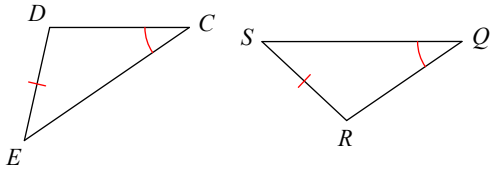
6) SAS



7) ASA

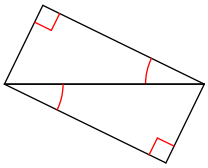


8) AAS



Each of the triangles pairs are congruent. State the type of rigid motion transformation that maps one onto the other, be as specific as possible.

9)



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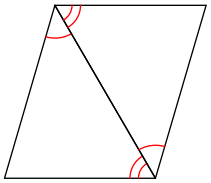

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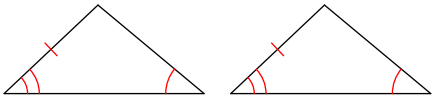
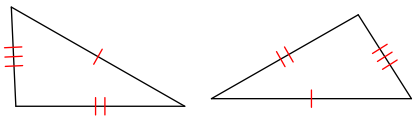


12)

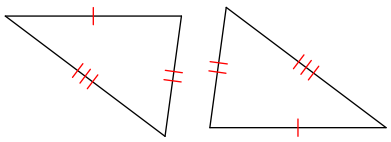


Geometry Name_____ ID: 1

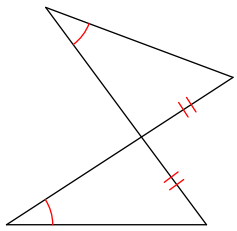
Practice Quiz

Period____

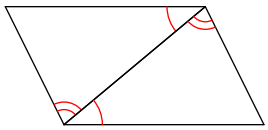
State if the two triangles are congruent. If they are, state how you know.

1) 

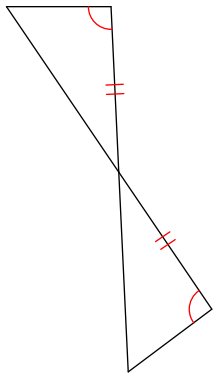
SSS

2) 

AAS

3) 

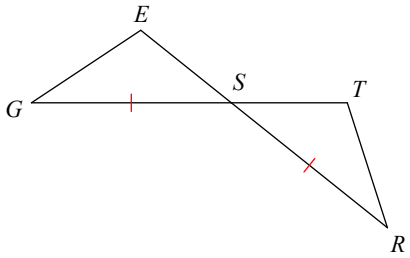
ASA

4) 

ASA

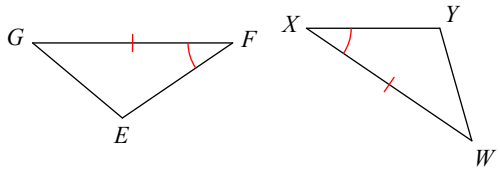
State what additional information is required in order to know that the triangles are congruent for the reason given. Be as descriptive as possible or use the appropriate mathematical symbols.

5) SAS



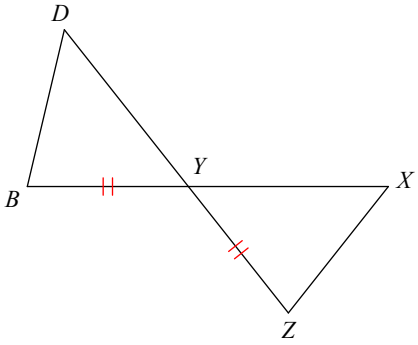
$\overline{ST} \cong \overline{SE}$

6) SAS



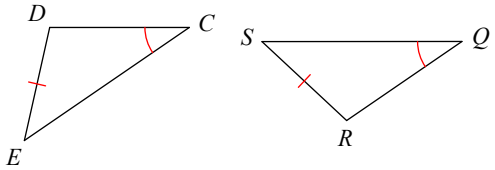
$\overline{FE} \cong \overline{XY}$

7) ASA



$\angle Z \cong \angle B$

8) AAS



$\angle D \cong \angle R$ or $\angle E \cong \angle S$

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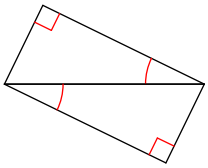
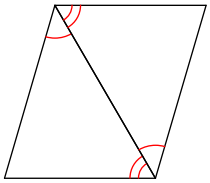
9)



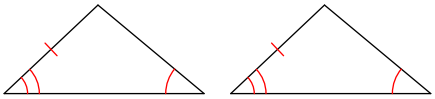
HA

10)



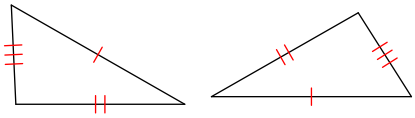
ASA

11)



AAS

12)



SSS