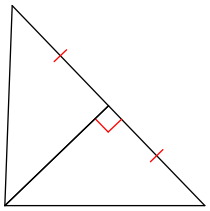
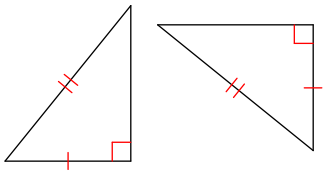
Right Triangle Congruence

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

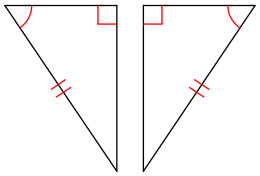
1)



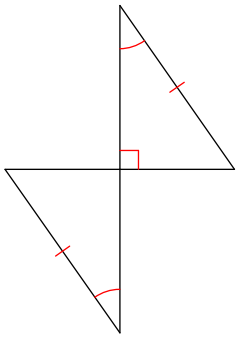
2)



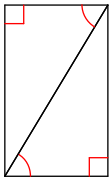
3)



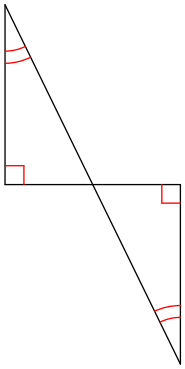
4)



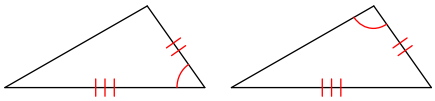
5)



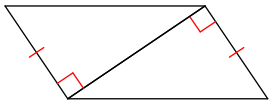
6)



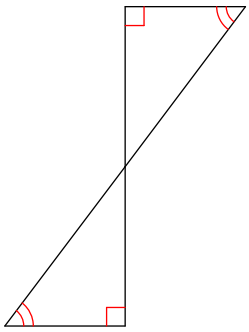
7)



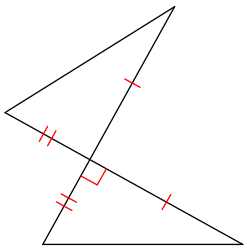
8)



9)

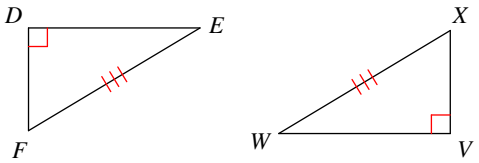


10)

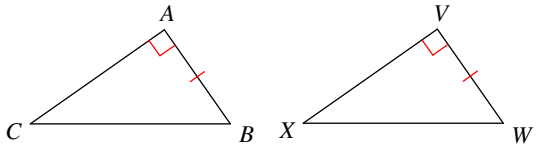


State what additional information is required in order to know that the triangles are congruent for the reason given.

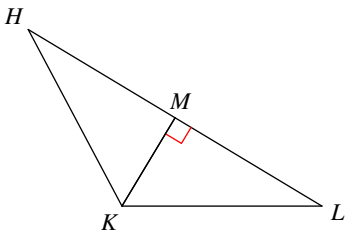
11) HL



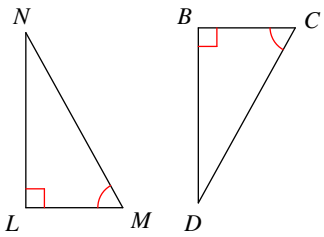
12) LL



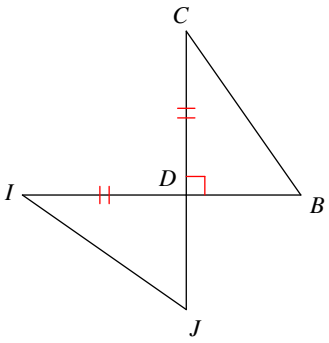
13) LL



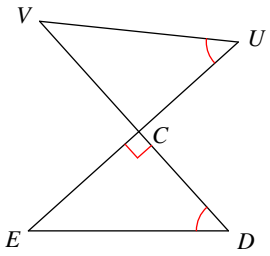
14) HA



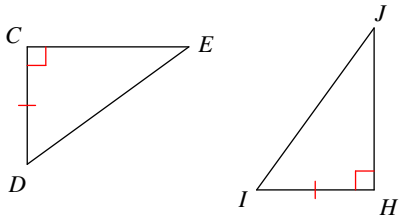
15) LA



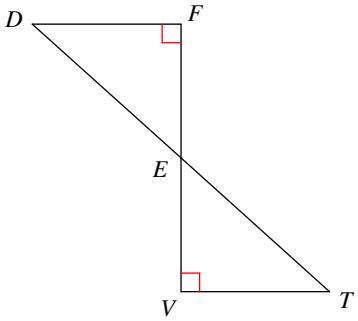
16) HA



17) HL



18) LA



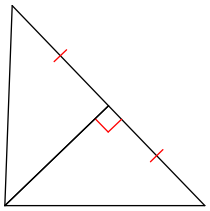
Kuta Software - Infinite Geometry Name_____

Right Triangle Congruence

Date_____ Period____

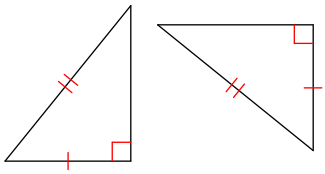
State if the two triangles are congruent. If they are, state how you know.

1)



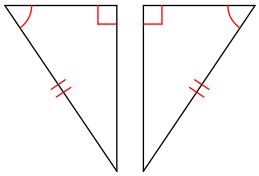
LL

2)



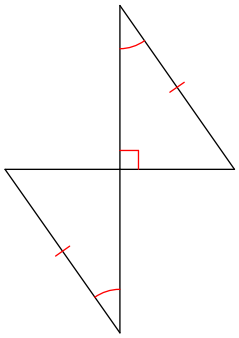
HL

3)



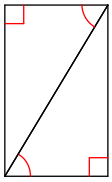
HA

4)



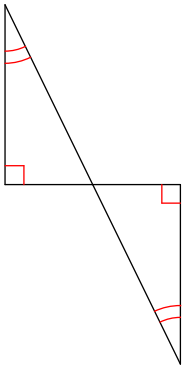
HA

5)



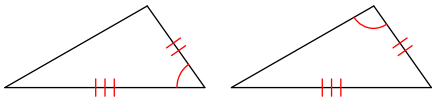
HA

6)



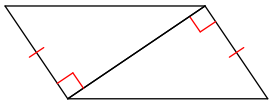
Not congruent

7)



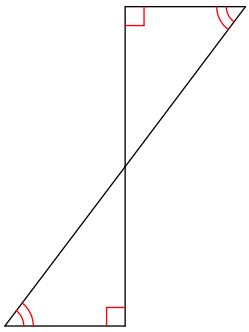
Not congruent

8)



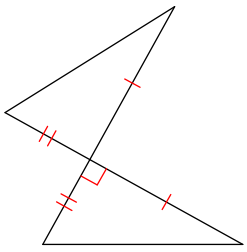
LL

9)



Not congruent

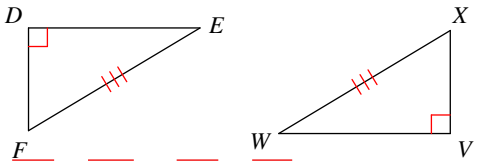
10)



LL

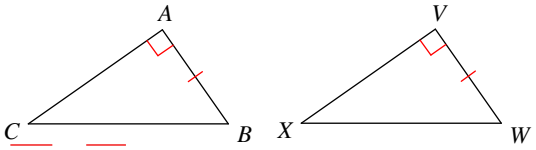
State what additional information is required in order to know that the triangles are congruent for the reason given.

11) HL



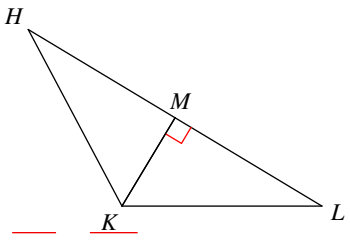
$\overline{DE} \cong \overline{VW}$ or $\overline{FD} \cong \overline{XV}$

12) LL



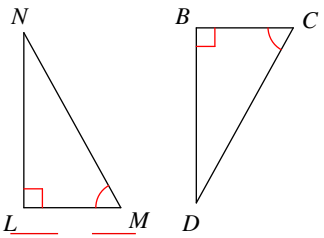
$\overline{CA} \cong \overline{XV}$

13) LL



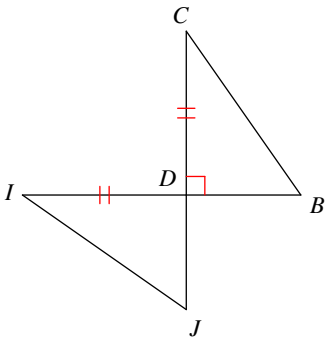
$\overline{ML} \cong \overline{MH}$

14) HA



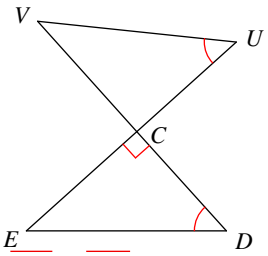
$\overline{MN} \cong \overline{CD}$

15) LA



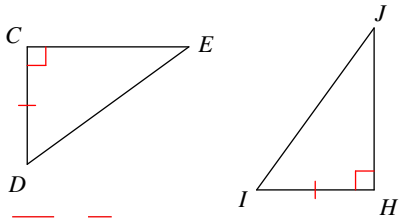
$\angle C \cong \angle I$ or $\angle B \cong \angle J$

16) HA



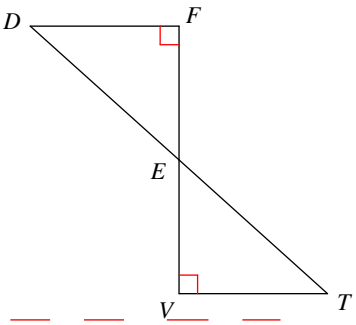
$\overline{DE} \cong \overline{UV}$

17) HL



$\overline{DE} \cong \overline{IJ}$

18) LA



$\overline{FE} \cong \overline{VE}$ or $\overline{DF} \cong \overline{TV}$

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