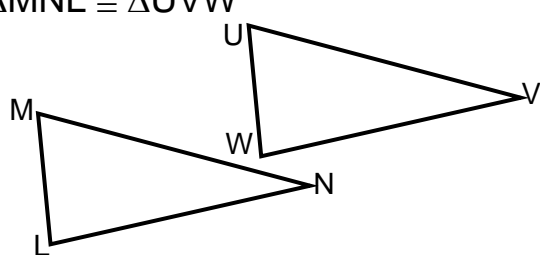
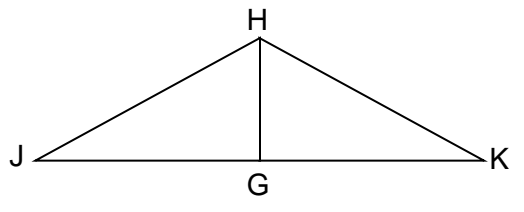


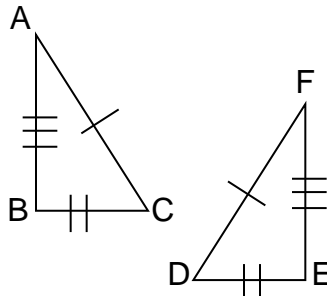
NAME _____ DATE _____ PER. _____

PARTS OF CONGRUENT TRIANGLES

Name the corresponding parts of these congruent triangles.

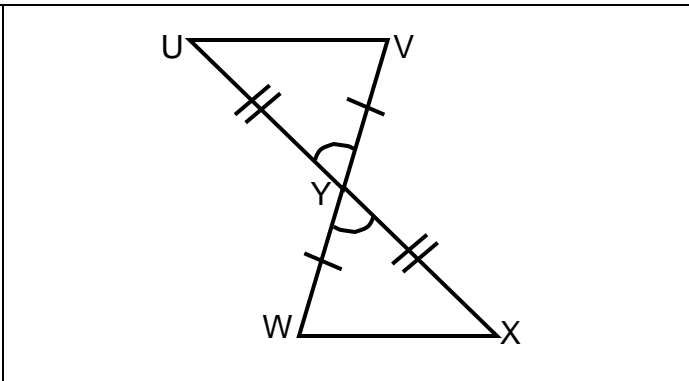
<p>1. Angles:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>Sides:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p>	<p>$\triangle ABC \cong \triangle RST$</p>
<p>2. Angles:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>Sides:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p>	<p>$\triangle HJK \cong \triangle MNQ$</p>
<p>3. Angles:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>Sides:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p>	<p>$\triangle MNL \cong \triangle UVW$</p> 
<p>4. Angles:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>Sides:</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p> <p>_____ \cong _____</p>	<p>$\triangle JGH \cong \triangle KGH$</p> 

What information about the triangles is shown in these drawings?

<p>5. _____</p> <p>_____</p> <p>_____</p> <p>$\triangle ABC \cong \triangle$ _____</p>	
---	---

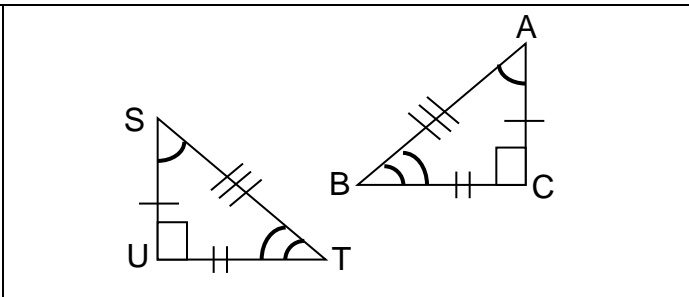
6. _____

 $\Delta UYV \cong \Delta$ _____

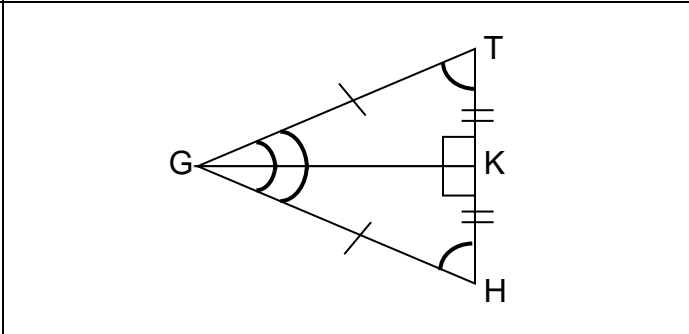


Complete each correspondence statement.

7. $\Delta ABC \cong \Delta$ _____



8. $\Delta GHK \cong \Delta$ _____



Find the value of 'x'.

9. $x =$ _____

If $\Delta ABC \cong \Delta DEF$, and $AB = 15$, $BC = 20$, and $FE = 3x - 7$, then $x = ?$

10. $x =$ _____

If $\Delta ABC \cong \Delta DEF$ and $DE = 10$, $EF = 13$, and $DF = 16$, AND $AC = 4x - 8$, then $x = ?$