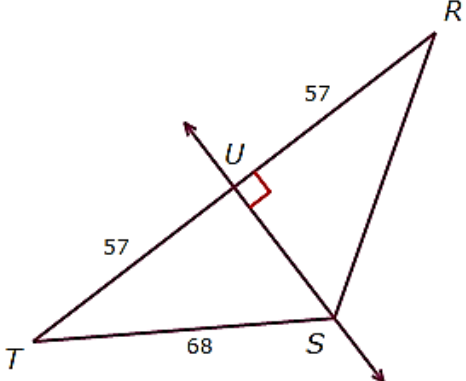
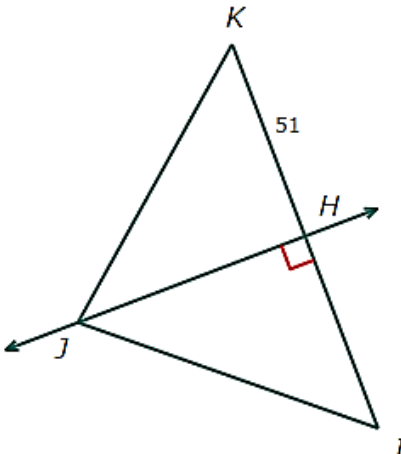
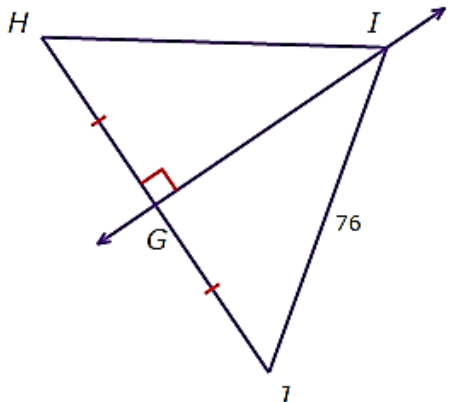
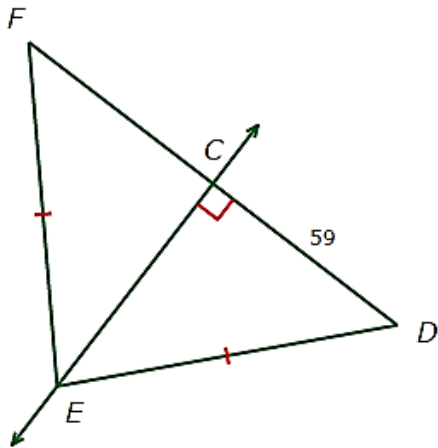


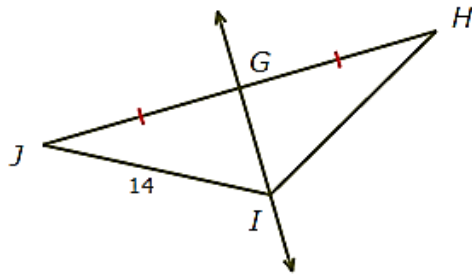
Can you use the perpendicular bisector theorem to...	<b>YES</b>	<b>NO</b>
<p>1) solve for <math>RS</math>?</p> 		
<p>2) solve for <math>HI</math>?</p> 		
<p>3) solve for <math>HI</math>?</p> 		



4) solve for  $CF$ ?

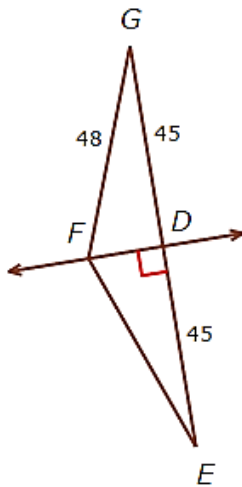


5) solve for  $HI$ ?



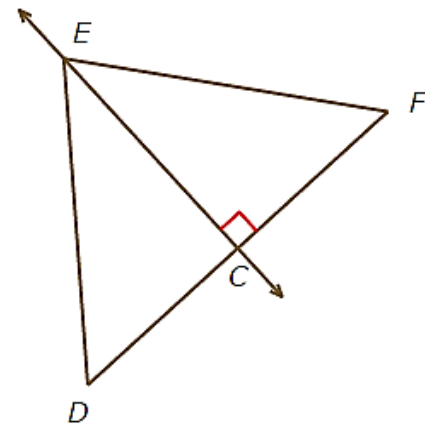
**Find the indicated value...**

6) A) What is  $EF$ ?



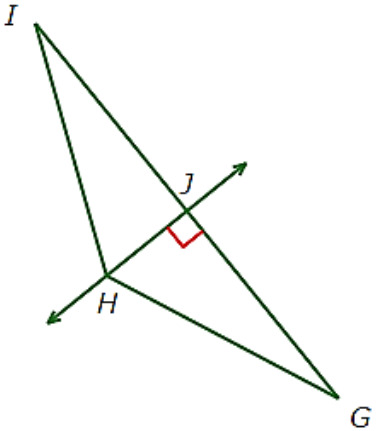
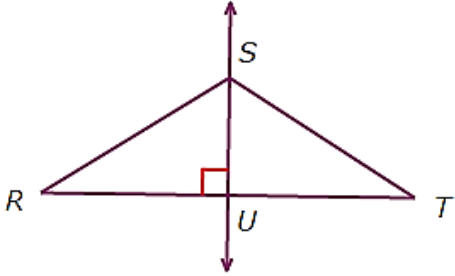
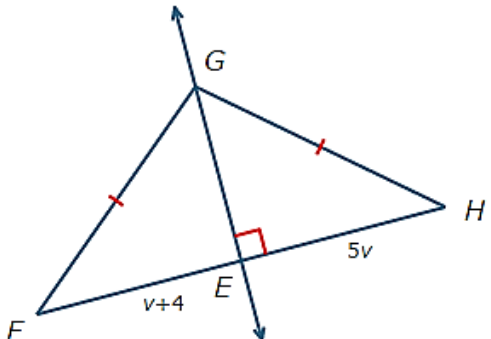
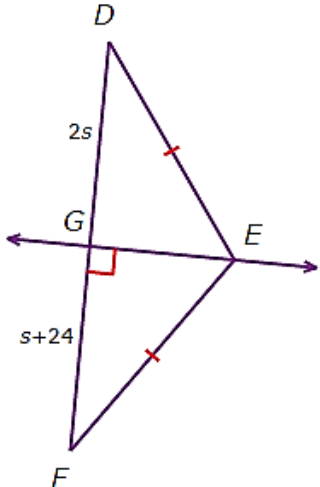
$EF = \square$

B) If  $\overline{DE} \cong \overline{EF}$  and  $CF = 2$ , what is  $CD$ ?



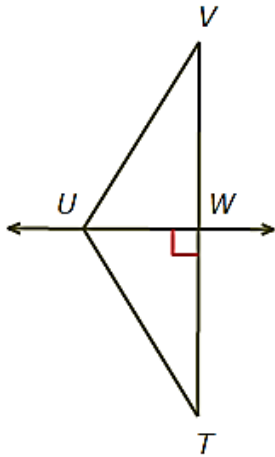
$CD = \square$



<p><b>7)</b></p>	<p><b>A)</b> If <math>\overline{GH} \cong \overline{HI}</math> and <math>IJ = 92</math>, what is <math>GI</math>?</p>  <p><math>GI = \square</math></p>	<p><b>B)</b> If <math>RS = ST = 98</math> and <math>TU = 83</math>, what is <math>RT</math>?</p>  <p><math>RT = \square</math></p>
<p><b>8)</b></p>	<p><b>A)</b> What is the value of <math>v</math>?</p>  <p><math>v = \square</math></p>	<p><b>B)</b> What is the value of <math>s</math>?</p>  <p><math>s = \square</math></p>

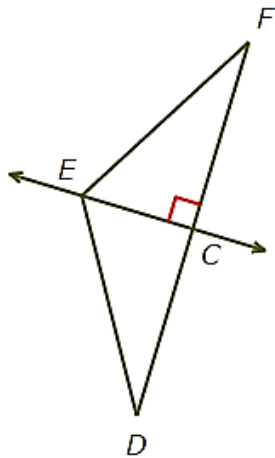


- 9) If  $TW = VW = 23$ ,  $TU = y + 24$ , and  $UV = 9y$ , what is the value of  $y$ ?



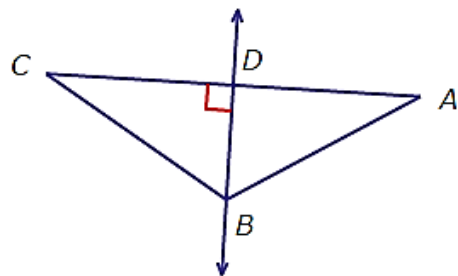
$y = \square$

- 10) If  $\overline{CD} \cong \overline{CF}$ ,  $DE = u + 60$ , and  $EF = 4u$ , what is  $EF$ ?



$EF = \square$

- 11) If  $\overline{AB} \cong \overline{BC}$ ,  $AD = 2q - 6$ , and  $CD = 7q - 76$ , what is  $CD$ ?

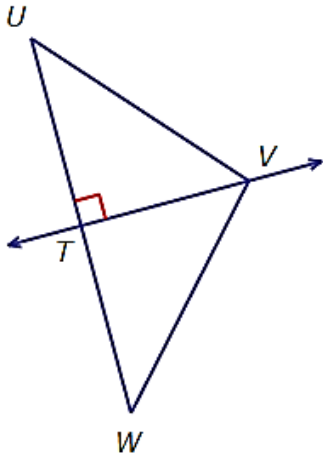


$CD = \square$



12)

If  $\overline{TU} \cong \overline{TW}$ ,  $UV = 9x + 43$ , and  $VW = 2x + 64$ , what is the value of  $x$ ?



$x =$