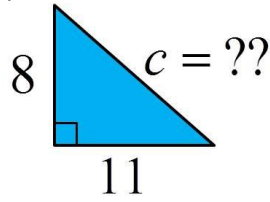
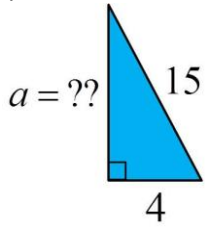
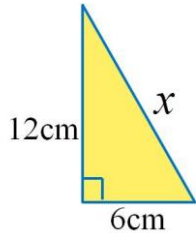
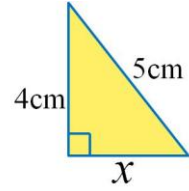
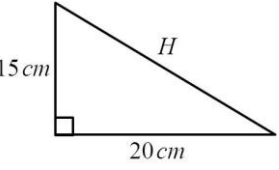
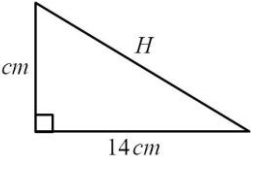
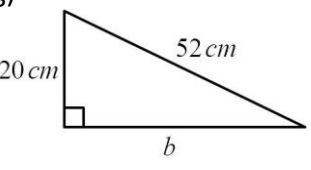
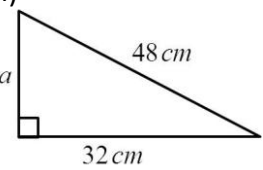
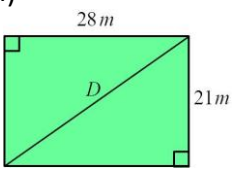


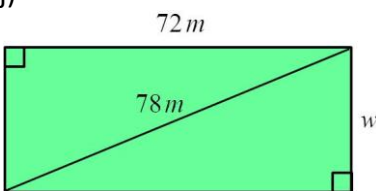
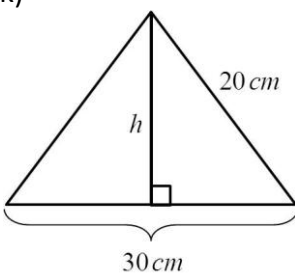
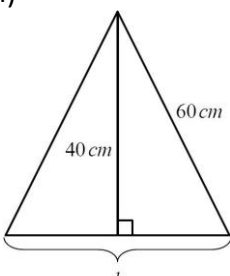
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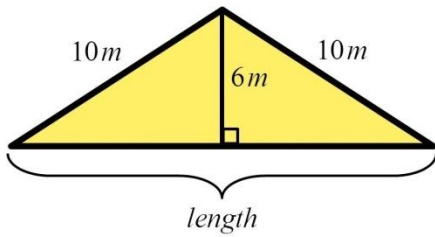
Math 8 Section 7.4 What is the Pythagorean Theorem:

1. Use the Pythagorean Theorem to find the length of the missing sides to 2 decimal places.

<p>a)</p>  <p>8 $c = ??$ 11</p>	<p>b)</p>  <p>$a = ??$ 15 4</p>	<p>c)</p>  <p>12cm x 6cm</p>
<p>d)</p>  <p>4cm 5cm x</p>	<p>e)</p>  <p>15 cm H 20 cm</p>	<p>f)</p>  <p>8 cm H 14 cm</p>
<p>g)</p>  <p>20 cm 52 cm b</p>	<p>h)</p>  <p>a 48 cm 32 cm</p>	<p>i)</p>  <p>28 m D 21 m</p>

<p>j)</p> 	<p>k)</p> 	<p>l)</p> 
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2. The dimensions of a roof are given below. Find the length of the roof.



3. Challenge: Given $EF = 4$, $FG = 8$, & $AE = 6$. Find the length of AG , to 2 decimal places.

