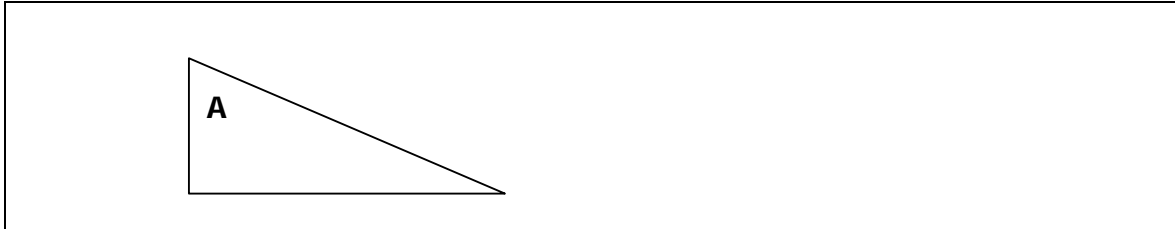


# Year 10 Trigonometry

Name.....

Date.....



1. With reference to angle A, label the hypotenuse, opposite and adjacent sides

	Angle size	Tan	Cos	Sin
2	7°			
3	37.5°			
4	48°			
5	64°			
6	89°			

Use your calculator to find the tan, cos and sin for each angle (to 4 decimal places)

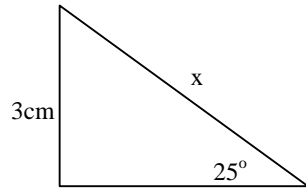
Use your calculator to find the angle size (to 2 decimal places) using the ratios given

	ratio	Angle size
7	(tan) 0.4165	
8	(sin) 0.7193	
9	(cos) 0.6947	
10	(tan) 0.3521	
11	(cos) 0.9986	

Use the sine, tangent or cosine ratios to find the unknown lengths marked with - x

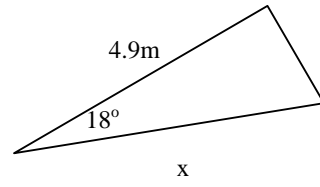
<p><b>12</b></p> <p><b>X=</b></p>	<p><b>13</b></p> <p><b>X =</b></p>
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14



**X =**

15



**X =**