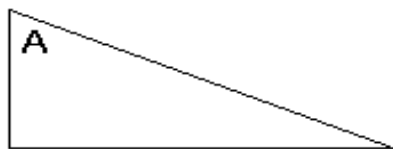


Name..... Date.....

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

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

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

	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>12</p> <p>x</p> <p>20°</p> <p>15</p> <p>X =</p>	<p>13</p> <p>35m</p> <p>43°</p> <p>x</p> <p>X =</p>
<p>14</p> <p>3cm</p> <p>x</p> <p>25°</p> <p>X =</p>	<p>15</p> <p>x</p> <p>18°</p> <p>4.9m</p> <p>X =</p>