

Objective: TBAT use trigonometry to calculate missing angles



Met

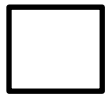


Partially  
Met



Not Met

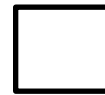
Work on the following sections:



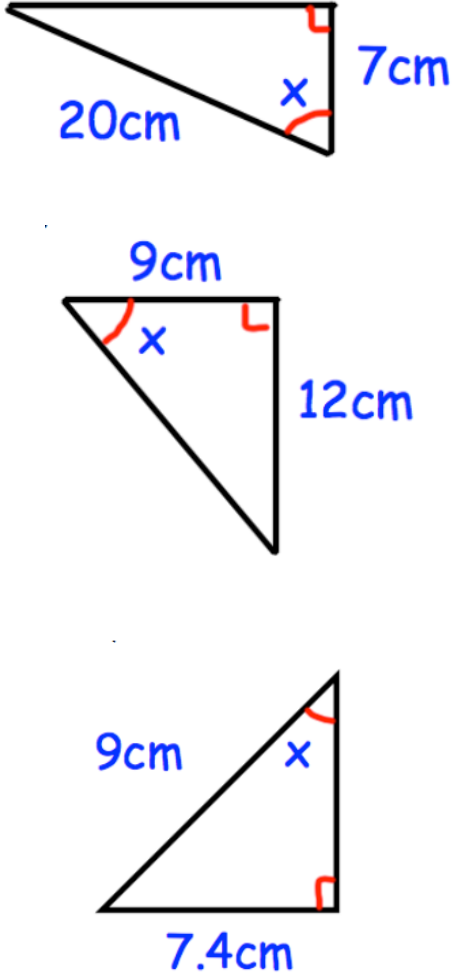
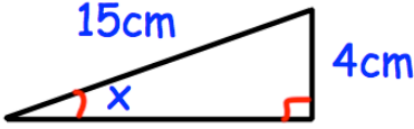
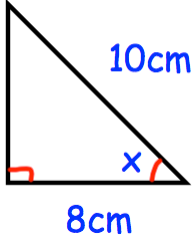
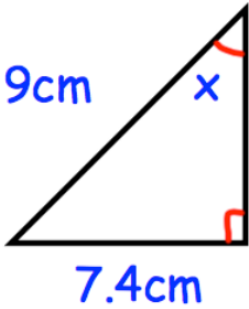
Column 1



Column 2



Extension

Column 1	Column 2
<p>Use inverse sine or cosine to find the value of <math>x</math> in each question (give your answer to 1 decimal place)</p> <p>a) <math>\sin x = 0.139</math>                      b) <math>\sin x = 0.987</math>                      c) <math>\sin x = \frac{2}{3}</math>                      d) <math>\cos x = 0.589</math>                      e) <math>\cos x = 0.875</math>                      f) <math>\cos x = \frac{3}{5}</math></p>	<p>You will need to decide if you are using sine, cosine or tan for the following:</p> 
<p>Use the sine of the angle to calculate the value of 'x'.</p>  <p>Use the cosine of the angle to calculate the value of 'x'.</p> 	

Extension:

A helicopter leaves A and flies 40 miles due east. Then the helicopter flies 10 miles due south and arrives at B. Work out the bearing of B from A.