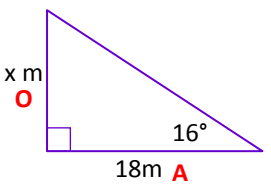
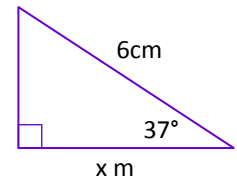
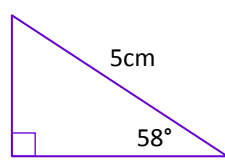
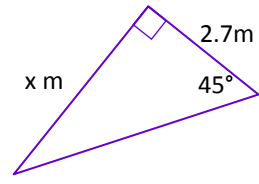
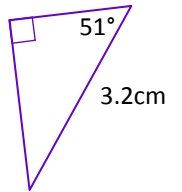
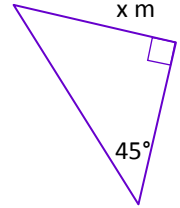
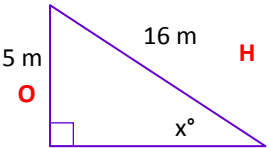
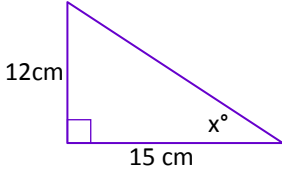
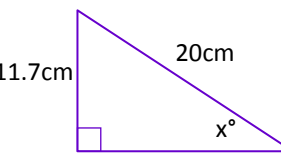
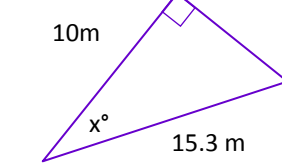
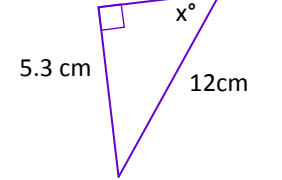
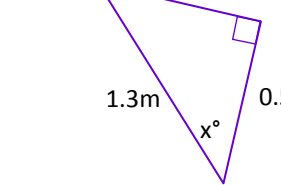


# Trigonometry (SOH CAH TOA) - Scaffolded Exercise - Finding a Side

<p><b>Question:</b> (Label Sides)</p>						
<p><b>SOH CAH TOA</b></p>	<p>SOH CAH TOA</p>					
<p><b>Which Ratio?</b></p>	<p><math>\tan(x^\circ) = \frac{O}{A}</math></p>					
<p><b>Substitute</b></p>	<p><math>\tan(16^\circ) = \frac{x}{18}</math></p>					
<p><b>Rearrange</b></p>	<p><math>18 \tan(16^\circ) = x</math></p>					
<p><b>Calculate</b> (Round to 2DP)</p>	<p><u><b>x = 5.16m</b></u></p>					

# Trigonometry (SOH CAH TOA) - Scaffolded Exercise - Finding an Angle

<p><b>Question:</b> (Label Sides)</p>						
<p><b>SOH CAH TOA</b></p>	<p>SOH CAH TOA</p>					
<p><b>Which Ratio?</b></p>	<p><math>\sin(x^\circ) = \frac{O}{H}</math></p>					
<p><b>Substitute</b></p>	<p><math>\sin(x^\circ) = \frac{5}{16}</math></p>					
<p><b>Inverse</b></p>	<p><math>x^\circ = \sin^{-1}(5/16)</math></p>					
<p><b>Calculate</b> (Round to 1DP)</p>	<p><u><math>x = 18.2^\circ</math></u></p>					