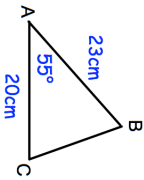
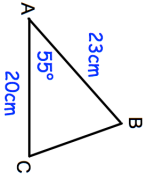


8th October		Corbettmaths
A circle has equation $x^2 + y^2 = 64$		
Find the circumference of the circle		
	Calculate the largest possible length of BC	
 <p>AB = 23cm to the nearest number AC = 20cm to one significant figure Angle ABC = 55° to the nearest 5°</p> <p>A helicopter leaves town A and flies 8km due North to town B. The helicopter then flies on a bearing of 105° for 15km until it reaches town C.</p> <p>Calculate the direct distance from town A to town C.</p> <p>Work out $(\sqrt{8} + \sqrt{12})^2$</p>		
a is directly proportional to \sqrt{c} . w is inversely proportional to a^3 .		
When $c = 49$, $a = 35$ When $a = 2$, $w = 16$.		
Find the value of w when $c = 4$.		

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