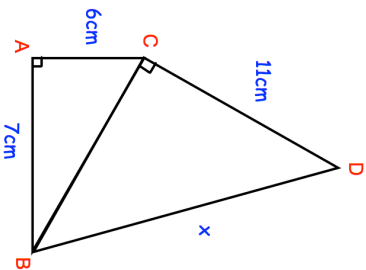
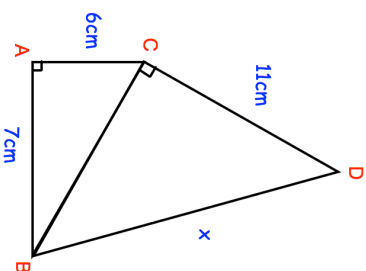


<p><b>22nd March</b></p> 	<p>Find the length of BD</p> <p style="text-align: right;">Corbettmaths</p>
<p>Explain why the area of a rectangle increases by a factor of 4 when the side length is doubled.</p>	
<p>A wire of length 20cm is cut into <b>two</b> pieces, each of which is bent into a square.</p>	<p>If the length of the side of one square is <math>x</math> cm, show that the length of the side of the other square is <math>(5 - x)</math> cm.</p>
<p>The <b>total</b> area of the two squares is <math>14.5\text{cm}^2</math>.</p> <p>Find the lengths of the two pieces of wire.</p>	

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