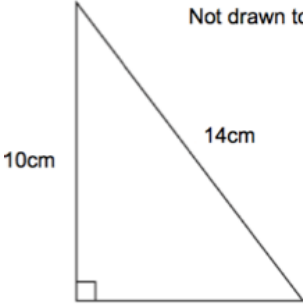


Name: _____

July 25	5-a-day	Higher								
<p>The nth term of a sequence is $(n + 1)(n + 3)$</p> <p>Work out the first three terms of the sequence.</p>										
<p>Not drawn to scale</p>  <p>10cm</p> <p>14cm</p>	Calculate the perimeter.									
<p>Explain what is meant by a stratified sample.</p>										
<table border="1" data-bbox="169 1339 764 1417"><thead><tr><th>Teachers</th><th>Teaching Assistants</th><th>Admin</th><th>Other</th></tr></thead><tbody><tr><td>94</td><td>16</td><td>41</td><td>29</td></tr></tbody></table> <p>A sample of 40 is selected by stratified sampling. How many “Admin” are selected?</p>	Teachers	Teaching Assistants	Admin	Other	94	16	41	29		
Teachers	Teaching Assistants	Admin	Other							
94	16	41	29							
<p>w is inversely proportional to c squared.</p> <p>When $w = 100$, $c = 5$.</p> <p>Find w when $c = 4$.</p>										