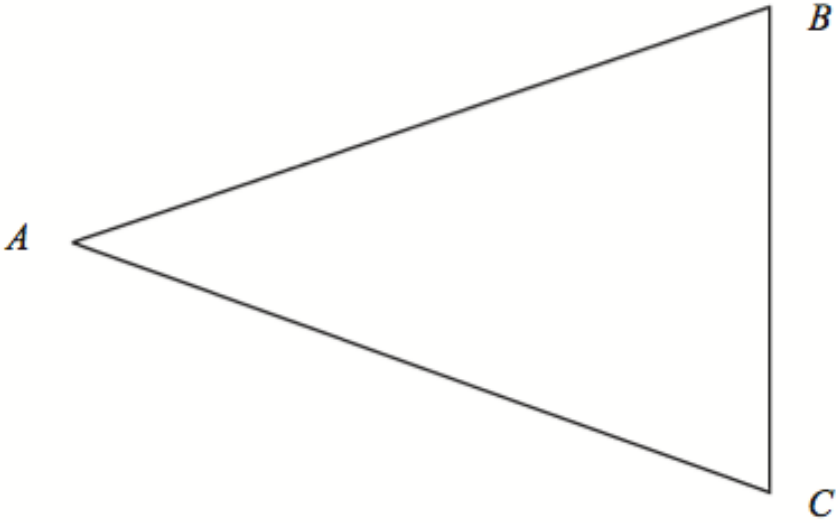


Name: _____

March 29th	5-a-day	Higher
<p>Simplify</p> $2(3x + 4) - 3(4x - 5)$		
<p>The force, F, between two magnets is inversely proportional to the square of the distance, d, between them.</p> <p>When $F = 4$, $d = 3$.</p> <p>Express F in terms of d.</p>		
<p>ABC is a garden. A tree is planted closer to wall AB than wall BC Show the possible locations the tree can be planted</p> 		
<p>Two spheres have volumes in the ratio 8:125</p> <p>The radius of the larger sphere is 30cm.</p> <p>What is the radius of the smaller sphere?</p>		