

Name: _____

May 2	5-a-day	Higher
<p>Expand and simplify</p> $(2x + 11)^2 - (x - 7)^2$		
<p>Martin and Alan share £500 in the ratio 3:7.</p> <p>How much do they each receive?</p>		
<p>A sphere has radius 2cm.</p> <p>What is the volume of the sphere?</p>		
<p>In a tin there are:</p> <ul style="list-style-type: none">4 chocolate biscuits3 plain biscuits5 Hobnobs <p>Work out the probability that two biscuits picked at random are different.</p>		
<p>M is the midpoint of AB.</p> <p>Find vector AM in terms of a and b.</p>		