

Name: \_\_\_\_\_

<b>February 9</b>	<b>5-a-day</b>	<b>Higher</b>
<p><math>x^4 + 2x = 30</math> has a solution between 2 and 3. Use trial and improvement to find it to 1 decimal place.</p>		
<p>Work out <math>1.9 \times 0.12</math></p>		
<p>Solve <math>x^2 + 2x - 60 = 0</math> to 1 decimal place, using the quadratic formula.</p>		
<p>What is the single multiplier equivalent to a 8% decrease?</p>		
<p>A water tank springs a leak (at the base) and loses 8% of its water every minute.</p> <p>What percentage of water is lost over 5 minutes?</p>		