

Name: _____

October 17	5-a-day	Higher
<p>There are red, green and yellow beads in a bag. The relative frequency of a red is 0.18. Mrs Jones chooses a bead at random and then puts it back in.</p>		<p>If Mrs Jones repeats this 300 times, how many red beads are expected?</p>
<p>Simplify</p> $\frac{x^2 + 3x}{3x^2}$		
<p>Work out</p> $16^{\frac{3}{2}}$	<p>Evaluate</p> $\left(\frac{16}{25}\right)^{\frac{1}{2}}$	
<p>The sum of the interior angles in a polygon is 7380°. Calculate the number of sides the polygon has.</p>		
<p>Rationalise the denominator</p> $\frac{12}{7\sqrt{3}}$		