


<p><b>9th March</b></p>  <p>Corbettmaths</p>																
<p>In June 2011, the population of a country was 23 million. By June 2012, the population had increased by 4%</p> <p>Work out the population in June 2012.</p>	$23000000 \times 1.04$ $= 23920000$															
<p>The ratio of boys to girls in a school is 2:3.</p> <p>What fraction of the school are girls?</p> <p style="text-align: center;">             B G G              B G G           </p>	$\frac{3}{5}$															
<p><b>Shortbread</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Serves 4</td> <td></td> <td style="text-align: center;">Serves 2</td> </tr> <tr> <td>Butter</td> <td style="text-align: center;">80g</td> <td style="text-align: center;">40g</td> </tr> <tr> <td>Caster Sugar</td> <td style="text-align: center;">60g</td> <td style="text-align: center;">30g</td> </tr> <tr> <td>Plain Flour</td> <td style="text-align: center;">100g</td> <td style="text-align: center;">50g</td> </tr> <tr> <td>Cornflour</td> <td style="text-align: center;">40g</td> <td style="text-align: center;">20g</td> </tr> </table>	Serves 4		Serves 2	Butter	80g	40g	Caster Sugar	60g	30g	Plain Flour	100g	50g	Cornflour	40g	20g	<p>How much of each ingredient is needed for 6 people?</p> <p style="text-align: right;">             Butter: .....120.....g              Caster Sugar: .....90.....g              Plain Flour: .....150.....g              Cornflour: .....60.....g           </p>
Serves 4		Serves 2														
Butter	80g	40g														
Caster Sugar	60g	30g														
Plain Flour	100g	50g														
Cornflour	40g	20g														
$\frac{3}{4} + \frac{2}{9} = \frac{27}{36} + \frac{8}{36} = \frac{35}{36}$																
<p>Write 250 as a product of primes</p> <p style="text-align: center;">             250              ↙ ↘              (2) 125              ↙ ↘              (5) 25              ↙ ↘              (5) (5)           </p>	$2 \times 5 \times 5 \times 5$ $2 \times 5^3$															