### 9th March

In June 2011, the population of a country was 23 million. By June 2012, the population had increased by 4%.

Work out the population in June 2012.

The ratio of boys to girls in a school is 2:3.

What fraction of the school are girls?

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**Shortbread**

Serves 4

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butter</td>
<td>80g</td>
</tr>
<tr>
<td>Caster Sugar</td>
<td>60g</td>
</tr>
<tr>
<td>Plain Flour</td>
<td>100g</td>
</tr>
<tr>
<td>Cornflour</td>
<td>40g</td>
</tr>
</tbody>
</table>

How much of each ingredient is needed for 6 people?

- Butter: ......................g
- Caster Sugar: ......................g
- Plain Flour: ......................g
- Cornflour: ......................g

\[
\frac{3}{4} + \frac{2}{9}
\]

Write 250 as a product of primes