<table>
<thead>
<tr>
<th>June 11th</th>
<th>5-a-day</th>
<th>Numeracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name this shape</td>
<td>pentagon</td>
<td>Draw a parallelogram</td>
</tr>
<tr>
<td>millimetres</td>
<td>kilometres</td>
<td>Which metric unit would be used to</td>
</tr>
<tr>
<td>metres</td>
<td>inches</td>
<td>measure the distance between two</td>
</tr>
<tr>
<td>centimetres</td>
<td>inches</td>
<td>cities?</td>
</tr>
<tr>
<td></td>
<td>kilojoules</td>
<td>kilojoules</td>
</tr>
</tbody>
</table>

**Starter**
- Soup
- Mushrooms

**Main**
- Chicken
- Beef
- Fish

Hannah had soup for her starter. Write down all her possible options:
- Soup
- Chicken
- Beef
- Fish

Give an event where you think the probability is unlikely.
- Winning the lottery
- Rolling a 6 on a dice
- Snow in July

\[
-2 \times 6 = -12 \\
-14 \div -7 = 2
\]
June 11

5-a-day

Foundation

Increase $400 by 30%

10% = $40

30% = $120

$520

Solve 2w + 17 = 4w + 1

17 = 2w + 1

16 = 2w

w = 8

Find the lowest common multiple of 20 and 12

60

2, 40, 60

12, 24, 36, 48, 60

Calculate the volume

Area of front: 6 x 5 = 30 cm$^2$

Volume: 30 x 18 = 540 cm$^3$

The nth term of a sequence is:

8n + 3

Work out the 10th term.

8 x 10 + 3 = 83

What term in the sequence is 411?

8n + 3 = 411

8n = 408

n = 51
June 11

5-a-day

Calculate

\[ \frac{3}{5} \times \frac{8}{9} = \frac{24}{45} = \frac{4}{5} \]

Higher

Find the equation of the line passing through

\((0, 5)\) and \((2, 11)\)

\(m = \frac{11 - 5}{2 - 0} = 3\)

\(c = 5\)

Factorise fully

\(5ac - 10a^2b + 30a\)

\(5a(c - 2ab + 6)\)

Find x and y.

\[
\begin{align*}
6cm & \quad 24cm \\
12cm & \quad 4cm
\end{align*}
\]

\(12 \times 1.5 = 18\)

\(24 \div 1.5 = 16\)

Find the size of the angle shown.

\[
\begin{align*}
\theta & = 2 \times 12.8 = 25.6
\end{align*}
\]

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