**November 10th**

**5-a-day**

Jennifer is paid £7 an hour. Kate is paid £8 an hour.

On a Saturday, Jennifer works 7 hours and Kate works 6 hours.

Who earns more?

<table>
<thead>
<tr>
<th>List the first five multiples of 8.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 16 24 32 40</td>
</tr>
</tbody>
</table>

**Numeracy**

Jennifer £49
Kate £48

Jennifer

Lisburn 0613
Hilden 0616
Lambug 0617
Derrighley 0620
Dunmurry 0623
Finaghy 0626
Balmoral 0629
Adelaide 0631
Great Victoria Street 0635

How long is the train journey from Lisburn to Balmoral?

16 minutes

<table>
<thead>
<tr>
<th>Wins</th>
<th>Draws</th>
<th>Losses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>0</td>
<td>9</td>
<td>0</td>
</tr>
</tbody>
</table>

Which teams have the greatest number of points?

Liverpool United & London Town

How many points do they have?

9

Draw a shape with 4 lines of symmetry

Square
**Solve** \(5y - 4 = 21\)

\[
5y = 25 \\
y = 5
\]

Make \(w\) the subject of

\[y = 3w + a\]

\[
\frac{y-a}{3} = w
\]

\(x = 4\)

\(y = -2\)

Draw \(x = 4\)

Draw \(y = -2\)

Complete the table and draw the line

\[
\begin{array}{c|cccc}
\text{x} & -2 & -1 & 0 & 1 & 2 \\
\text{y} & 3 & 2 & 1 & 0 & -1 \\
\end{array}
\]

Calculate the length of \(AB\)

\[
a^2 + b^2 = c^2 \\
7^2 + 24^2 = c^2 \\
49 + 576 = c^2 \\
625 = c^2 \\
c = 25\ cm
\]
<table>
<thead>
<tr>
<th>Date</th>
<th>5-a-day</th>
<th>Higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 10</td>
<td>$1 \frac{4}{5} \div 2 \frac{3}{4}$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$\frac{9}{5} = \frac{11}{4}$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$\frac{9}{5} \times \frac{4}{11} = \frac{36}{55}$</td>
<td>$\checkmark$</td>
</tr>
</tbody>
</table>

Find $x$

Find the coordinates where the line $y = 8x - 15$ and the curve $y = x^2$ meet.

$x^2 = 8x - 15$

$x^2 - 8x + 15 = 0$

$(x - 3)(x - 5) = 0$

$x = 3$ or $x = 5$

$y = 9$ or $y = 25$

$(3,9)$ and $(5,25)$

Write 1008 as a product of prime factors.

Express your answer in index form.

$2^4 \times 3^2 \times 7$

Hence find the **least** number by which 1008 would need to be multiplied by to give a square number.

$7$