<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 3rd</td>
<td>Find the total cost.</td>
</tr>
<tr>
<td>Pencil</td>
<td>0.35</td>
</tr>
<tr>
<td>Compass</td>
<td>0.85</td>
</tr>
<tr>
<td>Set Square</td>
<td>0.55</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\[
\frac{1}{25} + 1.75 = 1.75
\]

A bill of £68 was shared equally by 4 people.
How much did each person have to pay?

\[
68 \div 4 = 17
\]

£20 was collected from each person, how much change did each receive?

\[
\frac{17}{4} = 3
\]

A TV was bought for £132. It was sold at a profit of 25%.

What was the selling price?

\[
\frac{33}{100} = 132
\]

\[
132 + 33 = 165
\]

A train leaves Bath at 10:45
It takes 23 minutes to reach Bradford-on-Avon.
At what time does it arrive at Bradford-on-Avon?

\[
10:45 \rightarrow 15\text{min} \rightarrow 11:00 \rightarrow 8\text{min} \rightarrow 11:08
\]

The train arrives in London at 13:12. How long does it take to travel from Bath to London?

\[
1\text{hour} + 1\text{hour} = 11:45
\]

2 hours 27 mins.

\[
10:45 \rightarrow 15\text{mins} \rightarrow 11:00 \rightarrow 12\text{mins} \rightarrow 12:45 \rightarrow 13:00 \rightarrow 13:12
\]
**March 3rd**

**5-a-day**

**Foundation**

**Expand**

\[ 3y(y + 3) \]

\[ 3y^2 + 9y \]

**Simplify**

\[ 2p \times 2p \times 2w \]

\[ 8p^2w \]

**Enlarge shape B by scale factor 3**

**Position not important.**

```
+-----+
|     |
+-----+  
```

---

**Time (t minutes) | Frequency**
---|---
0 \( < t \leq 6 \) | 15
6 \( < t \leq 12 \) | 25
12 \( < t \leq 18 \) | 20
18 \( < t \leq 24 \) | 12
24 \( < t \leq 30 \) | 8

**Write down the modal interval**

\[ 6 < t \leq 12 \]

**Calculate an estimate for the mean**

\[ \frac{1038}{80} = 12.975 \]

**Calculate the perimeter**

\[ \frac{11 \times 8 = 25.13274123}{2} \]

\[ = 12.566 \ldots \]

\[ 12.566 \ldots + 8 = 20.566 \text{cm} \]
<table>
<thead>
<tr>
<th>March 3rd</th>
<th>5-a-day</th>
<th>Higher</th>
</tr>
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<tbody>
<tr>
<td>Simplify</td>
<td>$\frac{6a^3b \times 4ab^5}{8ab^2}$</td>
<td>$\frac{24a^4b^6}{8a^3b^4}$ = $3a^1b^4$</td>
</tr>
<tr>
<td></td>
<td>$2 \times 2.5$</td>
<td>$2 \times 2.5$ = $5$cm</td>
</tr>
<tr>
<td></td>
<td>These triangles are similar</td>
<td></td>
</tr>
<tr>
<td>Write $0.56666\ldots$ as a fraction</td>
<td>$\frac{x}{0.5666\ldots}$ = $\frac{51}{90}$</td>
<td>$\frac{90x}{51}$ = $\frac{17}{30}$</td>
</tr>
<tr>
<td>Solve</td>
<td>$\frac{x+4}{5} + \frac{x-2}{3} = 3$</td>
<td>$\frac{3x+12}{15} + \frac{5x-10}{15} = 3$</td>
</tr>
<tr>
<td></td>
<td>$8x + 2 = \frac{45}{15}$</td>
<td>$8x + 2 = 43$</td>
</tr>
<tr>
<td></td>
<td>$x = 4.375$</td>
<td>$x = 5.375$</td>
</tr>
<tr>
<td>Calculate the area</td>
<td>$\frac{1}{2} \cdot 5 \cdot 6 \sin 130^\circ$</td>
<td>$\frac{1}{2} \cdot 5 \cdot 6 \sin 130^\circ$ = $11.49$cm$^2$</td>
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