2. (5A Workbook, p. 24-25) **Exercise 9**

1. B \[\begin{array}{c}
150 \\
70 \\
\end{array}\] \(\begin{array}{c}
R \\
W \\
\end{array}\) \(\begin{array}{c}
\text{274} \\
\end{array}\)

\[150 + 70 = 220\]
\[274 - 220 = 54\]
There are 54 W beads
\[70 - 54 = 16\]
There are 16 more R beads than W beads.

2. A \[\begin{array}{c}
\text{815} \\
\text{88} \\
C \\
\end{array}\]

\[4 \times 815 = 3260\] for Adult tickets
\[5 \times 88 = 440\] for Child tickets
\[3260 + 440 = 3700\] spent altogether

3. **Afternoon**

<table>
<thead>
<tr>
<th>Unit</th>
<th>66</th>
</tr>
</thead>
<tbody>
<tr>
<td>?</td>
<td></td>
</tr>
</tbody>
</table>

\[314 - 66 = 248\]
\[248 \div 2 = 124\]
She sold 124 bottles in the morning.

4. **Book**

<table>
<thead>
<tr>
<th>Unit</th>
<th>112</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pen</td>
<td>?</td>
</tr>
</tbody>
</table>

\[112 \div 4 = 28\]
\[3 \times 28 = 84\]
The book costs $84.

3. (5A, p. 25) **Practice 1D**

2. **Boys**

<table>
<thead>
<tr>
<th>Unit</th>
<th>24</th>
</tr>
</thead>
</table>

\[24 \div 2 = 12\]
\[4 \times 12 = 48\]
There are 48 children altogether.
4. P: $180 - $150 = $30
   $30 \div 2 = $15
   P must give $15 to R (so they each have $165)

6. P
   \[ \begin{align*}
   & 1 \text{ unit} \quad 40 \\
   & 300 \text{ units} + 120 = 300 \\
   \end{align*} \]
   4 units = $300 - 120 = $180
   1 unit = $180 \div 4 = 45
   P has $45 + 40 + 45 + 40 = 170$ stickers
   \[ (2 \times 45) + 80 \]
   (The question only asked about P's amount)
   J has $45 + 40 = 85$, E has 45

7. 3 books
   \[ \begin{align*}
   & \text{3 books} \\
   & \text{$5$} \\
   & \text{?} \\
   \end{align*} \]
   24 \div 3 = 8
   There are 8 groups of 3 books
   He spent 8 \times $5 = $40 on the books
   He had $40 + $2 = $42 at first

9. He sold 155 - 15 = 140 oranges
   140 \div 7 = 20
   There are 20 groups of 7 oranges
   He sold them for 20 \times $2 = $40
   He made $40 - $35 = $5

10. 1 unit
    \[ \begin{align*}
    & \text{#65} \\
    & \text{(45)} \\
    & \text{Henry} \\
    & \text{John} \\
    & \text{Paul} \\
    \end{align*} \]
    2 units = $65 - $45 = $20
    1 unit = $20 \div 2 = $10
    So John spent
    \[ $45 - $10 = $35 \]
    (The question only asked how much John spent)
    (Henry spent 3 \times $10 = $30)
    (Paul spent $10)
4 (5A, p 63) Problem 29

B \quad \frac{\text{2204}}{925} \quad ? \quad \begin{align*}
\text{number of boys} &= 2204 - 925 = 1279 \\
1279 - 925 &= 354 \\
\text{There are 354 more boys}
\end{align*}

Problem 30

\begin{align*}
\text{First 1 m} &= 100 \text{ cm} \\
\text{So 3 m} &= 300 \text{ cm}
\end{align*}

\begin{align*}
3 \times 85 &= 255 \\
300 - 255 &= 45
\end{align*}

The remaining piece is 45 cm long

Problem 31

\begin{align*}
\text{J} & \quad \frac{\text{$1458$}}{\text{$139$}} \\
\text{D} & \quad \frac{\text{?}}{\text{$139$}}
\end{align*}

$\text{$1458 \div 3 = $486}$

They each had $486$ to start

$\text{$486 - $139 = $347$}$

Peter's bicycle cost $347$

5 (5A, p 89-90) Problem 9

\begin{align*}
\text{L} & \quad \frac{\text{?}}{\text{$25$}} \\
\text{M} & \quad \frac{\text{?}}{\text{$25$}} \\
\text{A} & \quad \frac{\text{?}}{\text{$10$}}
\end{align*}

\begin{align*}
\text{M has $25 + #10 = $35} \\
\text{A has } 3 \times $35 = $105 \\
\text{Together they have} \\
\text{$25 + $35 + $105 = $165$}
\end{align*}

Problem 17

He picked $257 + 493 = 750$ cherries

\begin{align*}
750 \div 50 &= 15 \\
\text{There are 15 groups of 50}
\end{align*}

\begin{align*}
15 \times $3 &= $45 \\
\text{He received $45$}
\end{align*}

Problem 18

$40 \times 24 = 960$ oranges

He sold $960 - 15 = 945$

$945 \div 3 = 315$ There are 315 groups of 3

He sold them for $315 \times $1 = $315$

He made $315 - $258 = $57$