Solve using the RDW process.

1. Over the summer, Kate earned $180 each week for 7 weeks. Of that money, she spent $375 on a new computer and $137 on new clothes. How much money did she have left?

\[
\begin{array}{c}
\text{earned:} \\
\hline
\$180 & \$180 & \$180 & \$180 & \$180 & \$180 & \$180 \\
\hline
\text{spent:} \\
\hline
\$375 & \$137 & \text{?} \\
\hline
\text{left over:} \\
\hline
\$1260 & \$512
\end{array}
\]

She has $748 left.

2. Sylvia weighed 8 pounds when she was born. By her first birthday, her weight had tripled. By her second birthday, she had gained 12 more pounds. At that time, Sylvia's father weighed 5 times as much as she did. What was Sylvia and her dad's combined weight?

\[
\begin{array}{c}
\text{born:} \\
\text{1st} \\
\text{2nd} \\
\text{father}
\end{array}
\]

\[
\begin{array}{c}
8 \text{ lbs} \\
8 \text{ lbs} \\
12 \text{ lbs} \\
3 \text{ lbs}
\end{array}
\]

\[
\begin{array}{c}
24 \text{ lbs} + 12 \text{ lbs} = 36 \text{ lbs}
\end{array}
\]

\[
\begin{array}{c}
\frac{3}{5} \times 180 = 108 \text{ lbs}
\end{array}
\]

Her father weighed 180 pounds.
3. Three boxes weighing 128 pounds each and one box weighing 254 pounds were loaded onto the back of an empty truck. A crate of apples was then loaded onto the same truck. If the total weight loaded onto the truck was 2,000 pounds, how much did the crate of apples weigh?

\[
\begin{align*}
\text{Weight} & : 128 \quad 128 \quad 128 \quad 254 \quad ? \\
\text{3 boxes} & : 384 \\
\text{1 box apples} & : 638 \\
\text{total weight} & : 2000 \\
\text{2000} & \quad \div 384 \\
\text{total weight} & : 2000 \\
\text{2000} & \quad - 1638 \\
\text{1362} & \quad \text{The crate of apples weighs 1,362 pounds.}
\end{align*}
\]

4. In one month, Charlie read 814 pages. In the same month, his mom read 4 times as many pages as Charlie, and that was 143 pages more than Charlie’s dad read. What was the total number of pages read by Charlie and his parents?

\[
\begin{align*}
\text{Charlie} & : 814 \\
\text{mom} & : 814 \times 4 = 3256 \\
\text{dad} & : 3256 - 143 = 3113 \\
\text{total pages} & : 814 + 3256 + 3113 = 7183
\end{align*}
\]

They read 7,183 pages total.