Max's family takes the train to visit the city zoo. Use the RDW process to solve the problems about Max's trip to the zoo. Use a letter to represent the unknown in each problem.

1. The sign below shows information about the train schedule into the city.

<table>
<thead>
<tr>
<th>Train Fare—One Way</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult: $8</td>
</tr>
<tr>
<td>Child: $6</td>
</tr>
<tr>
<td>Leaves every 15 minutes starting at 6:00 a.m.</td>
</tr>
</tbody>
</table>

   a. Max's family buys 2 adult tickets and 3 child tickets. How much does it cost Max's family to take the train into the city?

   \[
   C = 8 + 8 + 6 + 6 + 6 \quad \text{or} \quad C = 16 + 18 \quad \text{or} \quad C = 34
   \]

   b. Max's father pays for the tickets with $10 bills. He receives $6 in change. How many $10 bills does Max's father use to pay for the train tickets?

   \[
   b = 40 \div 10 \quad \text{or} \quad b = 4
   \]

   It costs Max's family to take the train into the city.

   c. Max's family wants to take the fourth train of the day. It's 6:38 a.m. now. How many minutes do they have to wait for the fourth train?

   \[
   m = 45 - 38 \quad \text{or} \quad m = 7
   \]

   They have to wait 7 minutes for the fourth train.
2. At the city zoo, they see 17 young bats and 19 adult bats. The bats are placed equally into 4 areas. How many bats are in each area?

\[
\begin{align*}
\text{b} & = 36 \div 4 \\
b & = 9
\end{align*}
\]

There are 9 bats in each area.

3. Max's father gives the cashier $20 to pay for 6 water bottles. The cashier gives him $8 in change. How much does each water bottle cost?

\[
20 - 8 = 12
\]

Each water bottle costs $2.

4. The zoo has 112 types of reptiles and amphibians in their exhibits. There are 72 types of reptiles, and the rest are amphibians. How many more types of reptiles are there than amphibians in the exhibits?

\[
\begin{align*}
112 & - 72 = 40 \\
m & = 72 - 40 \\
m & = 32
\end{align*}
\]

There are 32 more reptiles than amphibians.