<table>
<thead>
<tr>
<th>Title: Ecosystem Division</th>
<th>Grade: 5th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content: Science &amp; Math</td>
<td>Duration: 15-20 minutes</td>
</tr>
</tbody>
</table>

**Standard:**
- **5.NBT.6:** Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors.

**Objective:** Students will create long division story problems that are related to the different types of ecosystems.

**Materials:**
- Paper

**Introduction Description:** Each student will practice writing long division story problems that are related to ecosystems, plants, or animals.

**Steps:**
- You will make up 2-3 division story problems that go along with any ecosystem.
  - A division problem that has a 2 digit divisor and 4 digit dividends. See attachment for help.
    - Story problems must be written in complete sentences.
      - Check capitalization
      - Check capitalization
      - Check grammar Punctuation
    - Under each story you must complete the division problem.

**Adaptations:**
- Struggling with division, use one digit divisor or 3 digit dividend.
- Choose whichever method you are the most comfortable.

**Finished Product:** 2-3 completed long division story problem.
There are 2,345 pieces of fresh fruit on a plant. If each hippopotamus each eats 22 pieces, how many can each of them have before all fruits are gone? 

\[
\begin{array}{c}
\text{11 R 10} \\
\end{array}
\]

\[
\begin{array}{c}
12 \div 142 \\
12 \div 120 \\
-120 \\
\hline
22 \\
\hline
10 \\
\end{array}
\]

Answer: 106 R 13

Each hippopotamus can have 106 whole fruits.