Mally's burger

Standard:

- Solve ratios and rates
- Find missing values in a ratio table
- Attend to precision

Task:

http://www.youtube.com/watch?v=5QfP2BbUWBw
http://www.youtube.com/watch?v=lRvqrjEcUp0

As you have seen Mally’s has an absurd 150-pound burger. On this burger is:

- 300 slices of cheese
- 8 pounds of tomatoes
- 10 pounds of pickles
- 10 pounds of onions
- 5 pounds of bacon
- 10 pounds of lettuce

If the 150 pounds is not your style they have other size burgers:

- 50 pounds
- 10 pounds
- 3 pounds
- 1 pound
- \( \frac{1}{2} \) pound
- \( \frac{1}{4} \) pound

With each of these burgers, how much of each ingredient is needed?
<table>
<thead>
<tr>
<th>Criteria</th>
<th>+</th>
<th>✓</th>
<th>△</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set-up</td>
<td>All problems were solved with a ratio table and the correct starting numbers were used in the correct row/column</td>
<td>75% of the problems were solved with a ratio table and the correct starting numbers were used in the correct row/column</td>
<td>Problems were either not solved with a ratio table, OR the correct starting numbers were not used, OR the numbers were placed in the wrong column/row</td>
</tr>
<tr>
<td>Process of Solving</td>
<td>Efficient “stepping stone” numbers were used to find the missing values AND the same “hopping” numbers were used to get to the “stepping stone”</td>
<td>“Stepping stone” numbers were used to find the missing values, but were not the most efficient AND the same “hopping” numbers were used to get to the next “stepping stone”</td>
<td>“Stepping stone” numbers were used, but they were incorrect, OR the same “hopping” numbers were not used to get to the next “stepping stone”</td>
</tr>
<tr>
<td>Missing Value</td>
<td>Correctly determined all amounts of ingredients for each burger</td>
<td>Correctly determined 25-35 of ingredients using a ratio table.</td>
<td>Correctly determined less than 25 of the ingredients using a ratio table</td>
</tr>
<tr>
<td>Strategy</td>
<td>Effective strategy was shown through work</td>
<td>Strategy was shown through work, but may not be the most effective</td>
<td>No strategy was seen when solving the problems</td>
</tr>
<tr>
<td>Attend to Precision</td>
<td>Class will determine descriptors</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>