Ratios are EVERYWHERE

Standards:

- Solve Ratios and rates
- Express Ratios and Rates in simplest form
- Attend to precision

Task: The item that you brought into class today will be placed at a station. Following the examples we did in class: As you rotate through each station create a ratio (that can be simplified) from the item, explain the meaning of it and write an inference about your ratio. Finally, simplify the ratio. How can you attend to precision?

Explanation of the item: Picture of Mike

Ratio: Claws: to eyes. 14:2

Ratio in simplest form: 7:1

Meaning of the ratio: For every eye Mike has he has seven claws.

Inference using the ratio: If mike had 3 eyes he would have 21 claws.
1. Choose three ratios that you created during the rotation. Copy the information here.

**Explanation of the item:**

**Ratio:**

**Ratio in simplest form:**

**Meaning of the ratio:**

**Inference using the ratio:**

**Explanation of the item:**

**Ratio:**

**Ratio in simplest form:**

**Meaning of the ratio:**

**Inference using the ratio:**

**Explanation of the item:**

**Ratio:**

**Ratio in simplest form:**

**Meaning of the ratio:**

**Inference using the ratio:**
<table>
<thead>
<tr>
<th>Criteria</th>
<th>+</th>
<th>▼</th>
<th>△</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simplify Ratios</td>
<td>Correctly simplified all three ratios</td>
<td>Correctly simplified 2 ratios</td>
<td>Correctly simplified one or no ratios</td>
</tr>
<tr>
<td>Explanation</td>
<td>Thoroughly and accurately explained the meaning of all three ratios</td>
<td>Thoroughly and accurately explained the meaning of two ratios OR was accurate in all three, but not thorough, OR was thorough in all three, but not accurate</td>
<td>Was neither thorough nor accurate in any of the explanations</td>
</tr>
<tr>
<td>Inference</td>
<td>Accurately created an inference for all three ratios</td>
<td>Accurately created an inference of two ratios</td>
<td>Accurately created an inference of one or no ratios</td>
</tr>
<tr>
<td>Attend to precision</td>
<td>Class will determine descriptors</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>