Disappearing Cookies

**Content Standards:**
Add and subtract fractions with different denominators
Communicate mathematical ideas

**Process Standards**
Listen actively and take turns during group discussion
Identify discrepancies in their work and ways to fix the discrepancies

**Task:**
Solve the following problem. Don’t forget to show all your work.

**Be prepared to share your answer and the steps you took to solve the problem with another student**

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**Disappearing Cookies**

*Kathy had fun baking lots of cookies. She left them on a plate to cool while she went shopping with her dad. Her brother saw the cookies and took 1/2 of them to his Scout meeting. Her sister took 2/3 of the remaining cookies to share with her friends. Finally, her mom took 1/2 of the remaining cookies to her Book Club meeting. When Kathy and her dad got home, there were only 5 cookies left on the plate.*

*How many cookies had Kathy baked?*

**Rubric:**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Shown</td>
<td>All steps were shown to solve the problem.</td>
<td>Most of the steps were shown or all the steps were shown, but had a calculation mistake.</td>
<td>Did not show steps used to solve the problem.</td>
</tr>
<tr>
<td>Correct Answer</td>
<td>There is a correct answer for the problem.</td>
<td>There is not a correct answer shown.</td>
<td></td>
</tr>
</tbody>
</table>
## Disappearing Cookies

### Self-Reflection:

<table>
<thead>
<tr>
<th></th>
<th>😊</th>
<th>😞</th>
<th>😞</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Work Shown</strong></td>
<td>All my work was shown.</td>
<td>My work was shown, but I forgot a step.</td>
<td>I did not show my work.</td>
</tr>
<tr>
<td><strong>Correct Answer</strong></td>
<td>I got the correct answer.</td>
<td>I did not get the correct answer, but I found my mistake.</td>
<td>I did not get the correct answer and cannot find my mistake.</td>
</tr>
<tr>
<td><strong>Math Talk</strong></td>
<td>I was able to explain the steps I took to solve the problem.</td>
<td></td>
<td>I was not able to explain the steps I took to solve the problem.</td>
</tr>
</tbody>
</table>

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**I am proud of**

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**Next time I want to improve on**

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________________________________________________________________________
________________________________________________________________________