This method of brainstorming is useful for thinking about your given situation in ways that are counter-intuitive. The brain seems to work best, and more fluently, when answering questions - especially ones you've never considered before. You can answer all 4 types of questions or just skip to the Converse or Non-Mirror Reverse Question forms as they tend to REALLY get your mind spinning.

**STEPS:**

1. Define a problem / subject / central theme in a statement format.

2. Convert that statement into the **Theorem** Question form:
   a. What **would** happen if you **did**?

3. Answer the question in as many ways possible.

4. Convert that statement into the **Inverse** Question form:
   b. What **would** happen if you **didn't**?

5. Answer the question in as many ways possible.

6. Convert that statement into the **Converse** Question form:
   c. What **wouldn't** happen if you **did**?

7. Answer the question in as many ways possible.

8. Convert that statement into the **Non-Mirror Image Reverse** Question form:
   d. What **wouldn't** happen if you **didn't**?

9. Answer the question in as many ways possible.

<table>
<thead>
<tr>
<th></th>
<th>Theorem</th>
<th>Inverse</th>
<th>Converse</th>
<th>Non-Mirror Image Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>would</strong></td>
<td>did</td>
<td><strong>did not</strong></td>
<td>did</td>
<td><strong>did not</strong></td>
</tr>
<tr>
<td><strong>would not</strong></td>
<td><strong>did not</strong></td>
<td><strong>did not</strong></td>
<td><strong>did</strong></td>
<td><strong>did not</strong></td>
</tr>
</tbody>
</table>

**EXAMPLE:**

1. We throw away too much trash.
2. What would happen if we threw away too much trash?
3. [ANSWERS]
4. What would happen if we didn’t throw away too much trash?
5. [ANSWERS]
6. What wouldn’t happen if we threw away too much trash?
7. [ANSWERS]
8. What wouldn’t happen if we didn’t throw away too much trash?
9. [ANSWERS]