Physical or Chemical Changes

Background
A physical change only changes the shape or form of a substance. During a chemical change, the original substance is changed into something new.

Objective
As a group categorize the examples written on cards in the most appropriate category. Which examples represent physical changes? Which represent chemical changes?

Procedure
1. Cut the cards apart.
2. As a group, sort them into two piles:
   a. Physical Changes
   b. Chemical Changes

Results
Share your results with your class, and record your results below:

<table>
<thead>
<tr>
<th>Examples of Physical Changes</th>
<th>Examples of Chemical Changes</th>
</tr>
</thead>
</table>

Analysis
1. Which examples were easy to determine?

2. Which ones were difficult? What made them difficult?

3. How can you determine if a physical change or chemical change has occurred?