

Procedure	Observed Change	Initial Mass	Final Mass	Change (+/-/=)
1. melting ice				
2. burning candle				
3. mixing solutions				
4. mixing solid and solution				
5. mixing solutions				

Conclusions:

1. Label each change as **physical (P)** or **chemical (C)**:

1. _____ 2. _____ 3. _____ 4. _____ 5. _____

2. According to the **Law of Conservation of Matter (or Mass)**, matter can neither be _____ nor _____.

3. The results of several parts of this lab seem to contradict the Law of Conservation of Mass because there was a change in mass. For each of these parts, give a reason for the change. It might be your error. If so, what did you do wrong? But it might not be an error. In that case, explain what happened to cause the change in mass.

Part #	Explanation