

Inquiry Lab

Does mass change when you change the state of matter?

My Name _____

Partner's Name _____

Objective/Purpose:

- To gain understanding of the concepts of mass, and matter.
- To gain experience using the dial-o-gram balance.

Materials/Procedure:

- Refer to attached sheets.

Data/Observations:

Day 1 measurements:

Day 2 measurements:

Summary/Conclusion:

- What was the final result of your data? What changes were there in your mass? (if any)
- What was your hypothesis? Did your data match your hypothesis (expectations)?
- What mistakes did you make? How would you improve/change this for next time?
- What factors could cause your data to be incorrect? (error factors)
- Overall summary statement – answer the question – Does mass change when you change the state of matter?