

# Calorimetry

Tuesday, June 9, 2020

12:55 PM

These should be answered in your OneNote lab notebook in preparation for class. Your answers should show reflection and application of our in class discussion about this experiment.

1. What variables can affect our results?

–These need to be controlled in the procedure - suggestions are at the bottom (growing list from all classes)

2. Write a procedure for this experiment and bring it to next class.

3. Find (or write) a formula to find Calories per gram from the following data

Temp of water before – (C)

Temp of water after (C)

Mass of food sample before (g)

Mass of food sample after (g)

Volume of water (mL)

Suggested Variables that might?? affect results.

If you think it affect results then include in your procedure if you don't include it be ready to explain why you didn't.

How to light the food.

Relight if it goes out?

When to record high temperature?

Record room temperature?

Control initial water temperature?

Change water after each trial?

Volume of water?

Mass of food?

Stir water in Flask?