

Item #: \_\_\_\_\_

Thermal Energy: Water Lab

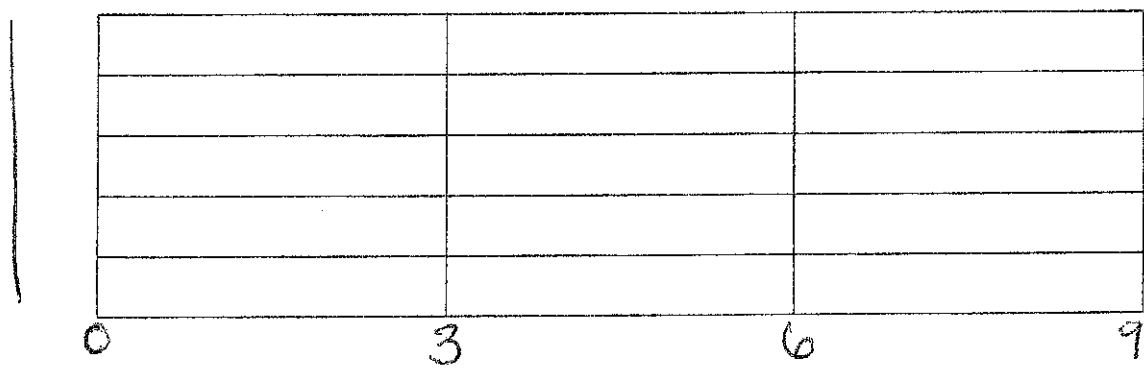
Name: \_\_\_\_\_

Starting mass of ice bags: _____	Beaker A or C	Beaker B or D	Control bag (on front counter)
Observations →			X
Predictions →			
Volume of Beaker			X
Starting Temperature			X
Temp after 3 minutes			X
Temp after 6 minutes			X
Temp after 9 minutes			X
Time for ice to melt in bag completely			
Melted ice (in mL)	Bag A or C	Bag B or D	

Follow steps on your Analyze Your Data sheet

①

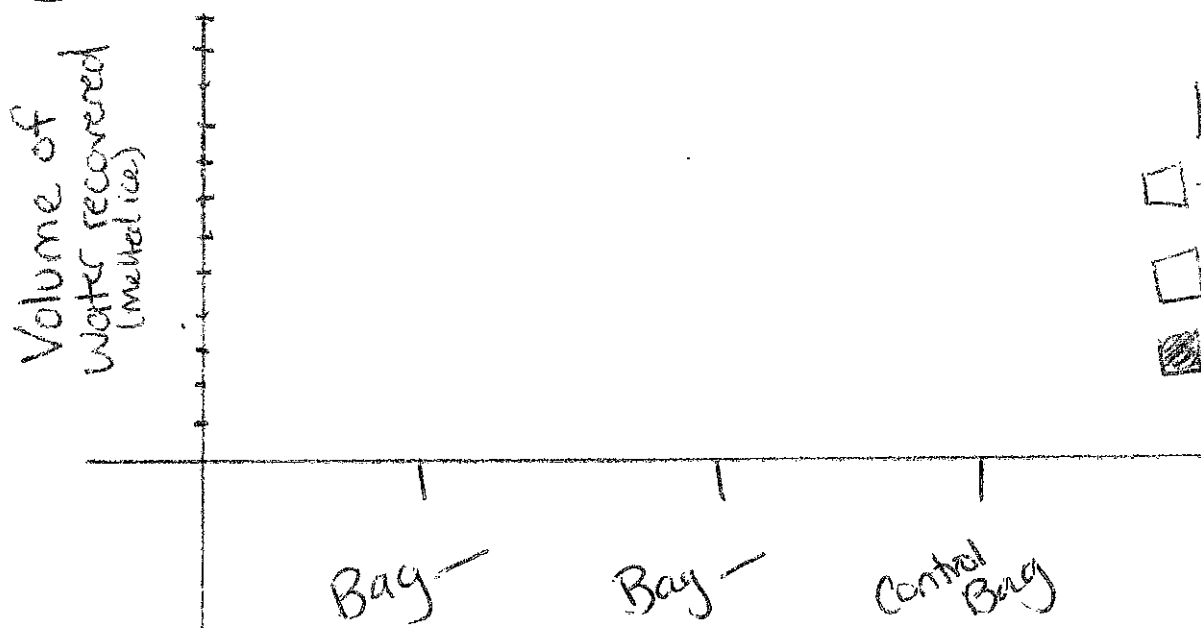
EXPERIMENT # \_\_\_\_\_ (Line Graph)



Key  
□ - Beaker \_\_\_\_\_  
□ - Beaker \_\_\_\_\_

②

EXPERIMENT # \_\_\_\_\_ (Bar graph)



Key  
□ - Bag \_\_\_\_\_  
□ - Bag \_\_\_\_\_  
■ - Control Bag (on front counter)

Answer the following questions:

- 1) Which beaker had the larger temperature change?
- 2) Which ice bag had the largest volume of melted ice?  
Which had the least?
- 3) What trend, if any, do you see in your line graph?

Answer Reflect Questions in Notebook: pgs 95-96, #1-9