

## LAD C2 Phase Change of Water, $\Delta H_{fusion}$

Name \_\_\_\_\_

### PreLab:

Develop a plan to measure the heat of fusion of H<sub>2</sub>O.

$\Delta H_{fusion}^{\circ}$  The amount of energy (in kJ/mol<sub>rxn</sub>) for H<sub>2</sub>O(s) → H<sub>2</sub>O(l)

### Materials on tray for two groups

- beaker
- graduated cylinder
- foam cups
- thermometer
- tongs
- ice
- water from the tap at lab bench ~20°C
- *Ask if there seems to be something else you need*

*Outline your procedure below. Gather your data on the back of this sheet. Put your data/calcs into your Google sheets.*

### Procedure - *Protective eye wear is NOT optional.*

A.

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	<b>Trial 1</b>	<b>Trial 2 ?</b>	<b>Trial 3 ?</b>

**Sample calculations outlined clearly below.**