

**Unknown summary sheet for Experiment 8
"Thermochemistry"**

Date _____

Name _____

Unknown # _____

Lab Partner _____

TA _____

Section # _____

Specific heat capacity of an unknown metal ($\text{JK}^{-1}\text{g}^{-1}$)	
Identify your metal	
Experimental ΔH_1 for the rxn of Mg (s) and HCl (kJ/mole)	
Experimental ΔH_2 for the rxn of MgO (s) and HCl (kJ/mole)	