

Name:

Lab Partners:

Table 1: Gases Lab Hand-In*GAS LAB DATA*

Initial Syringe Reading (mL)	Barometric Pressure (mm Hg)	Trapped Gas Volume (mL)

Part II: Temperature – Volume Experiment

Temperature (°C)					
Syringe Reading (mL)					

Part III: Pressure – Volume Experiment

Vacuum Gauge (mm Hg)					
Syringe Reading (mL)					

*GAS LAB CALCULATIONS & RESULTS**Part II: Temperature – Volume Experiment (Use appropriate sig figs)*

Temperature (°C)					
Temperature T (K)					
Syringe Reading (mL)					
Initial Syringe Reading (mL)					
Change in Volume (mL)					
Trapped Gas Volume (mL)					
Gas Volume V (mL)					
V/T (mL/K)					

Part III: Pressure – Volume Experiment (use appropriate sig figs)

Barometric Pressure (mm Hg)					
Vacuum Gauge (mm Hg)					
Gas pressure P (mm Hg)					
Syringe Reading (mL)					
Initial Reading (mL)					
Change in Volume (mL)					
Trapped Gas Volume (mL)					
Gas Volume V (mL)					
$P \times V$ (mm Hg x mL)					