

PVT Laboratory Write-up Checklist

Name _____ Partners: _____, _____,

Experiment _____ Period _____

Format (1 point)	1. Group names, period, title, and each section clearly labeled, neat & organized	_____
Purpose (4 points)	1. Proper statement of purpose 2. Independent and dependent variables are clearly identified for all three sections.	_____ _____
Apparatus & Procedure (6 points)	1. Clear and brief sequence of steps followed for all three sections 2. Listing and explanation of controlled variables for all three sections	_____ _____ _____
Raw Data (4 points)	1. Measurements organized into a neat table for all three sections. 2. Values are clearly labeled, correct units 3. Significant figures of data 4. Quality/range/ multiple trials (when appropriate)	_____ _____ _____ _____
Evaluation of Data (5 points)	1. Graphs: a. variables on appropriate axes (use of units) b. quality of results 2. Interpretation of graphs and data a. State the relationship between the variables for each section. (inverse or direct)	_____ _____ _____
Conclusion (6 points)	1. Draw a particle diagram showing the difference between low and high pressure for each section of the lab. 2. What happens to the particles when the temperature increases? 3. Why does adding more particles increase the pressure when the volume is held constant? 4. Why does the same amount of particles increase the pressure if the volume is decreased?	_____ _____ _____ _____

Possible Score = 26 points

Grade _____