

Mastery Checklist

Chemist: _____

Date: _____

Learning Target: I can perform calculations based on the pressure, volume, temperature, and gas amount.

- I can describe the relationships among the temperature, pressure, and volume of a gas.
- I know the definition and values of Standard Temperature and Pressure.
- I can convert between different units of pressure, volume, temperature, and amount of gas.
- I can perform calculations using gas laws.

Please complete and receive instructor approval for the following gas laws.

*Supplemental Items are marked with a *.*

Boyle's Law:

Assignment	Date Completed	Instructor Approval
Mini-Lab and Notes		
Video #1		
Video #2		
Video #3*		
Video #4*		
Lab Investigation 1		
Practice Set 1		
Practice Set 1B*		

Charles's Law:

Assignment	Date Completed	Instructor Approval
Mini-Lab and Notes		
Video #1		
Video #2		
Video #3*		
Video #4*		
Lab Investigation 1		
Practice Set 1		
Practice Set 1B*		

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