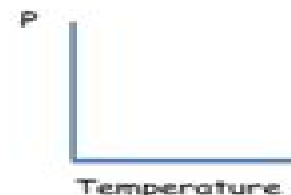
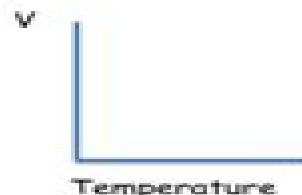


Bouncing off the Walls PhET Gas Law Simulation 2013

GO TO: <http://phet.colorado.edu/en/simulation/gas-properties> OR google "Phet Gas properties".

GOAL: to investigate the effect of: a) volume on pressure; b) temperature on volume;
c) number of particles on pressure; d) temperature on pressure.

PRELAB: Sketch your prediction of each relationship.



COLLECTING DATA

PART 1: Effect of Volume on Pressure

1. Hit the reset button.
2. In the upper left corner under "Constant Parameters", select "Temperature". This will keep the temperature relatively constant. Set the number of particles to a constant value.
3. To measure the volume, hit the button "Measurement Tools" and select the "Ruler". The ruler can be moved so you can measure the size of the box to get a measurement of volume.
4. Take 5 separate measurements over a large range of numbers without exploding the container.

Table 2: Volume and Pressure of a gas with temperature constant at _____ and Particles constant at _____

Volume (nm)					
Pressure (atm)					

Questions:

1. What is the independent variable?
2. What is the dependent variable?
3. What 2 factors are being held constant?

Gas Laws Graphing Activity Phet Answers

JR Anderson



Gas Laws Graphing Activity Phet Answers:

Decoding **Gas Laws Graphing Activity Phet Answers**: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Gas Laws Graphing Activity Phet Answers**," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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