

6.8 Second Type of Ideal Gas Law Problems (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

In the second major type of ideal gas law problems a new value of P, V, n or T is found after a gas undergoes a change. State 1 (P_1 , V_1 , T_1 , n_1) to State 2 (P_2 , V_2 , T_2 , n_2). The gas law constant R is not used during this calculation so the units of pressure and volume can be variable. However, the temperature still need to be in Kelvin. The calculation can be simplified if any of the variables are held constant during the change. A sample problem is discussed in this video.

Link to Video

Second Type of Ideal Gas Law Problems: <https://youtu.be/WQDJOqddPI0>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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