## Midterm Exam Review

These are the mathematical models for each of the three graphs. In each case the $y$ intercept was less than $5 \%$ of the highest value on the $y$-axis and can be considered zero. The independent variable is graphed on the $x$-axis and the dependent on the $y$-axis. NOTE that this means the first column of data is NOT automatically graphed on the $x$ axis!!!

1. $\mathrm{P}=(79,950$ torr* ml$) 1 / \mathrm{V}$


2. $d=\left(4.996 \mathrm{~m} / \mathrm{s}^{2}\right) \mathrm{t}^{2}$
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( $\triangle \mathrm{t}: 0.01 \triangle \mathrm{~d}: 0.2$ )
time (s)


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3. $v=\left(20.92 \mathrm{~m} / \mathrm{s}^{2}\right) t$

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