**Homework Week 1: Due Tuesday 4/5**

- pages $10 - 11$ #$2, 3, 4, 6$

- pages $20 - 22$ #$2, 3, 5, 6, 8$

- pages $27 - 28$ #$1, 2, 5, 6$

- Turn in your Excel worksheets for Examples 2.2.1 and 2.2.3.

  Please save these as Lastnames2.2.xls.

- In Example 2.2.1, what do cells D3, E3, D4, E4, and F3 represent? In particular, in the equation E4=F3*D4, what do E4, F3, and D4 represent in the equation? Perhaps changing each of these will give you a better idea of what is going on?

- In Example 2.2.3, we learned $V = \dfrac{k}{P}$.

  - For the data in Example 2.2.3, what is the value of $k$?
  - Your book says Boyle's Law is $V = \frac{k}{P}$. Compare this to the Ideal Gas Law? What do each of the variables represent in this law and how can you get Boyle's Law out of this?