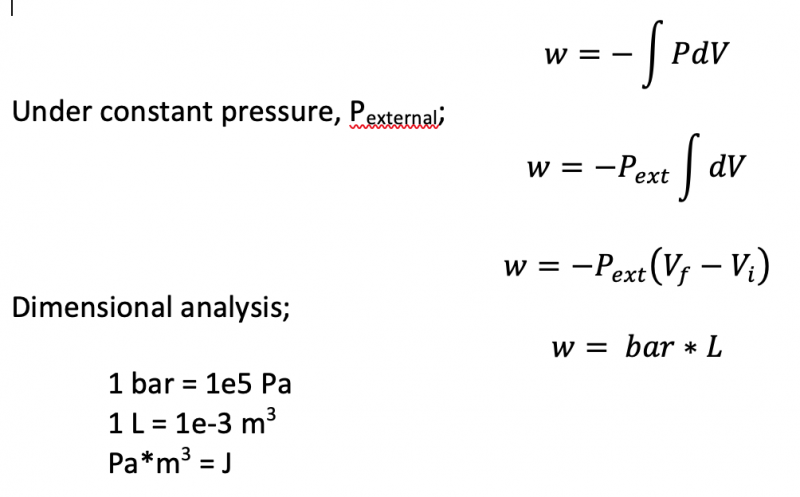
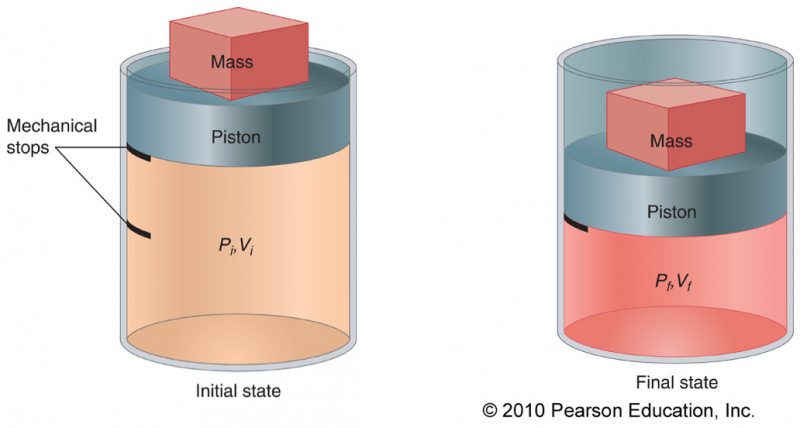
Homework: Chem 312 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Constant pressure work*



Consider the following constant pressure, isothermal compression:



Q: If the initial volume is 2.5 L and the final volume is 2.0 L, and this work is being done under a constant external pressure of 1.01 bar, how much compression work (in J) has been done?