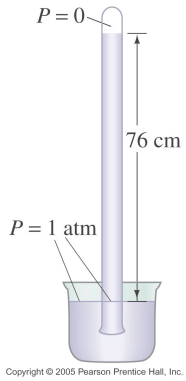



$$P = \frac{F}{A}$$

$$P = \rho gh$$

$$\rho = \frac{m}{V}$$

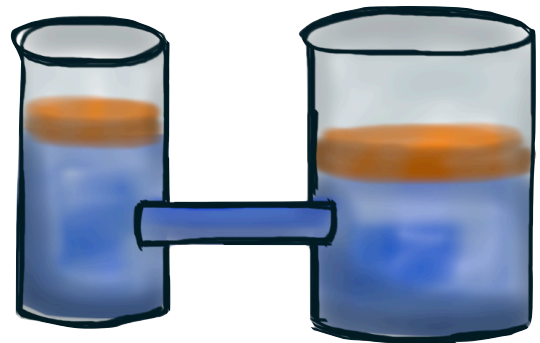
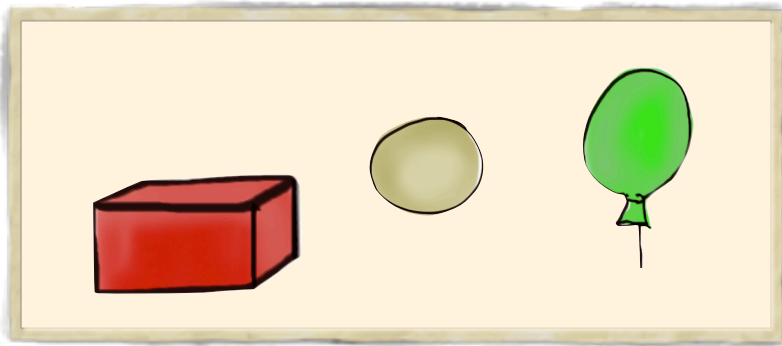


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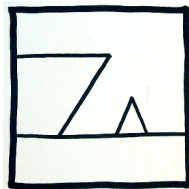



$$\Delta L = L_o \alpha \Delta T$$

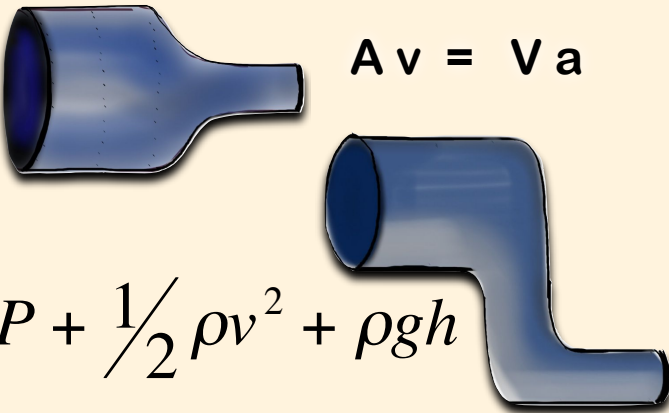
$$\rho_{unk} = \frac{m_{out} \rho_w}{m_{out} - m_{in}}$$

$$Q = mc\Delta T$$


1 ATM = 14.7 PSI
101.3 kPa
760 Torr



Honors Addition



$$Av = Va$$

$$P + \frac{1}{2} \rho v^2 + \rho gh$$