



$$\frac{P_1}{\gamma} + Z_1 + \frac{V_1^2}{2g} + h_p = \frac{P_2}{\gamma} + Z_2 + \frac{V_2^2}{2g} + h_L + h_{Lm} + h_{ent} + h_{exit}$$

$$901 + h_p = 876 + f \frac{LV^2}{2g} + 1.5 \frac{V^2}{2g} + K \frac{V^2}{2g}$$

my thought → $h_p = -25 + \dots$

his thought → $\frac{P_1}{\gamma} + Z_1 + \frac{V_1^2}{2g} + h_p = \frac{P_2}{\gamma} + Z_2 + \frac{V_2^2}{2g} + \text{losses}$

$$\frac{P_1}{\gamma} + 676 + \frac{V_1^2}{2g} + h_p = 876$$

$$h_p = 200 - \frac{V_1^2}{2g} - \frac{P_1}{\gamma}$$

← I don't see how this will work... too many unknowns