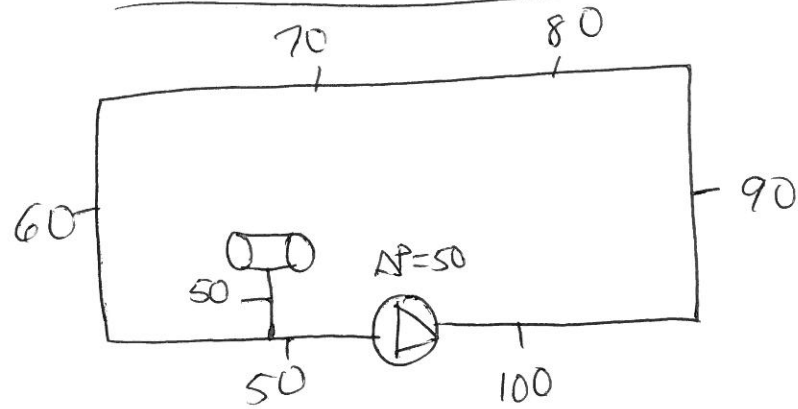


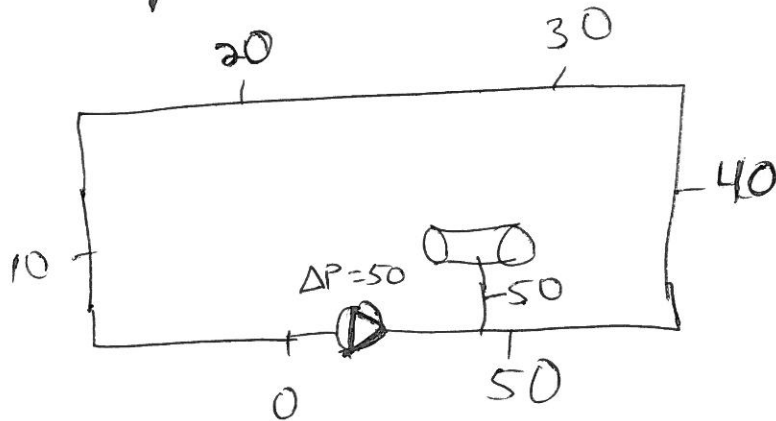
Exp Tank on Suction Side. Initial Fill Pressure of 50



Pump $\Delta P = 50$

Pump ADDS Pressure
above Fill Press

Exp Tank on Discharge Side. Initial Fill Press of 50

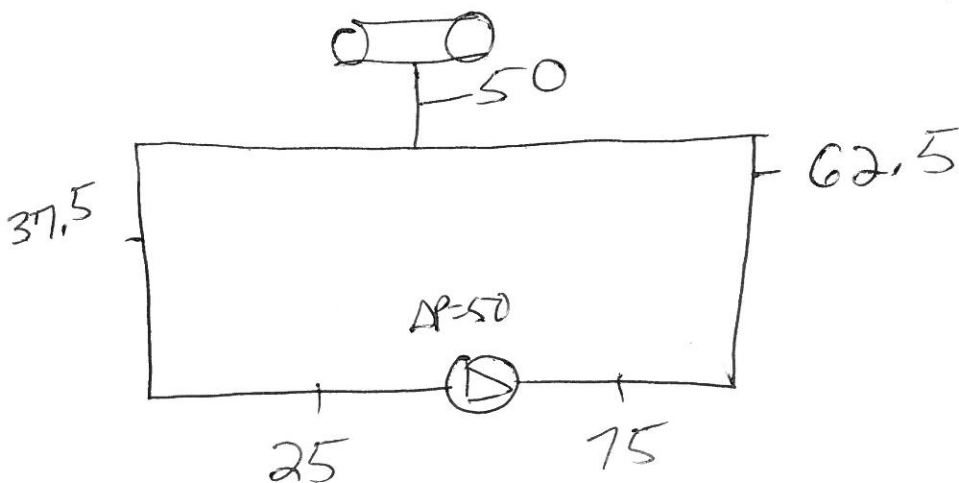


Pump $\Delta P = 50$

Pump LOWERS Pressure
below Fill Press

Exp Tank at Half Way point. Initial Fill 50

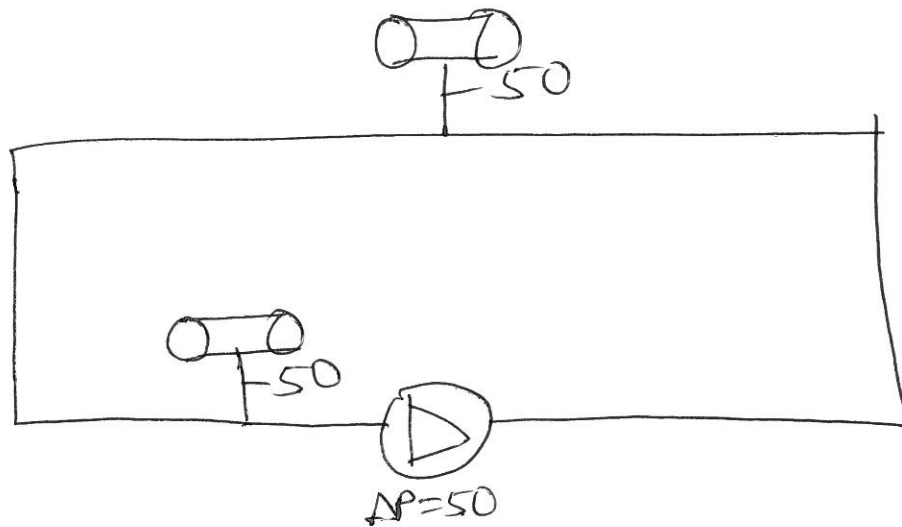
Pump $\Delta P = 50$



Pump half +
half

Adds and
Lowers

What happens to the pressures throughout the system if there are 2 expansion tanks?



Both tanks set at 50 fill pressure. Pump can deliver 50 ΔP . Both tanks want to stay at their fill pressures, don't they? If that is true, there would be no ΔP between the tanks on the side without the pump. But I'm sure that would not be the case in reality. So, what would the pressures be around the loop?