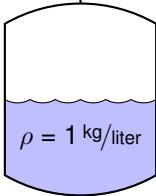


$$\dot{m}_1 = 4 \text{ kg/s}$$



$$V = 2 \text{ m}^3$$

$$\rho = 1 \text{ kg/liter}$$

$$\dot{m}_2 = 2 \text{ kg/s}$$