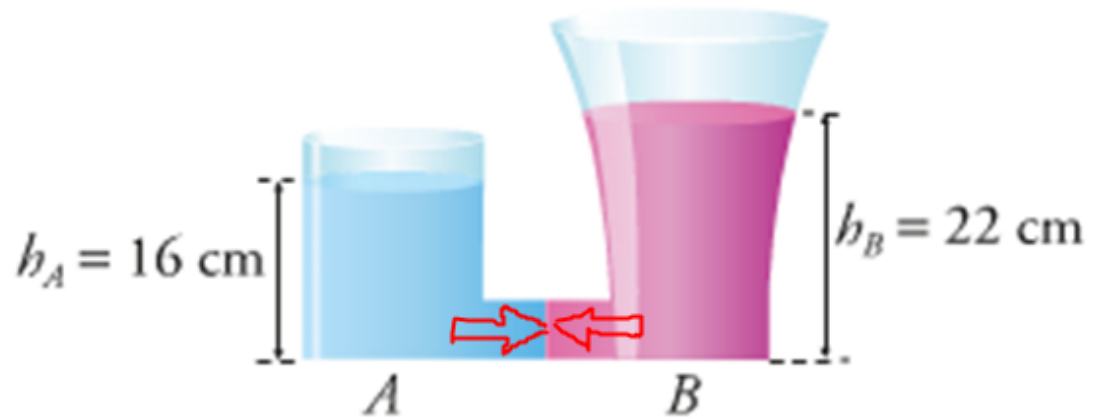


PA4. 128 N 25

$$\rho_B = ?$$



$$\rho_A = 1000 \frac{\text{kg}}{\text{m}^3}$$

LEGE DI STEVINO

$$p = \rho g h$$

$$\cancel{\rho_A} g h_A = \cancel{\rho_B} g h_B$$

BENZINA

$$\rho_B = \rho_A \frac{h_A}{h_B} = \left(1000 \frac{\text{kg}}{\text{m}^3} \right) \frac{16 \text{ cm}}{22 \text{ cm}} \approx 730 \frac{\text{kg}}{\text{m}^3}$$