- □ p is the hydrostatic pressure (Pa= 1 kg /(m·s²)), □ d is the fluid density (kg/m³), □ g is gravitational acceleration (m/s²),
- h is height of liquid column (m).

$$p = d^{\alpha}g^{\beta}h^{\gamma} \gg kg * m^{-1} * s^{-2} = kg^{\alpha}m^{-3\alpha}m^{\beta}s^{-2\beta}m^{\gamma} \gg$$
$$\gg \alpha = 1, -3\alpha + \beta + \gamma = -1, -2\beta = -2 \gg \alpha = 1, \beta = 1, \gamma = 1$$

That's why:

$$p = dgh$$