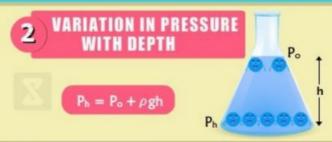
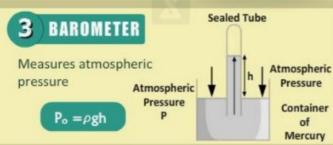
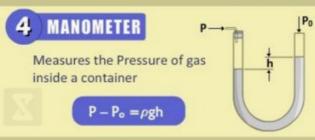
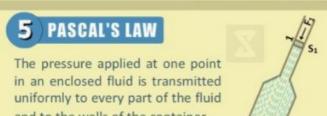
## FLUID MECHANICS

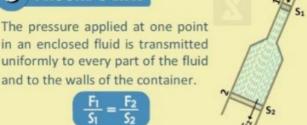




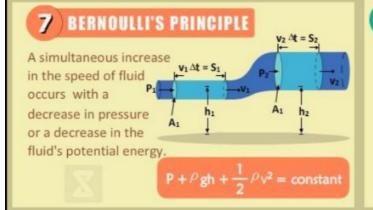


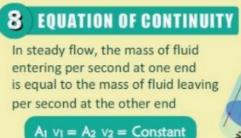












Meaning that in steady flow the product of crosssection and the speed of fluid remains constant everywhere.



A body totally or partially submerged in a fluid is subjected to an upward force equal in magnitude to the weight of fluid it displaces.

 $F_2 = \bigvee_i \rho_i g$ 

Vi : submerged volume of solid

