

Basic Buoyancy calculation sheet

$$\text{Upward Buoyancy Force (N)} = \text{Density of fluid (Kg/L)} \times \text{Total Volume of bottles (L)} \times \text{Acceleration due to gravity (m/s}^2\text{)}$$

Density of fluid (water) = 1kg/L Acceleration due to gravity = 9.81 m/s²

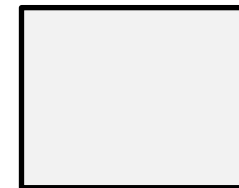
Upward Buoyancy Force (N)



x



x



=

120N