

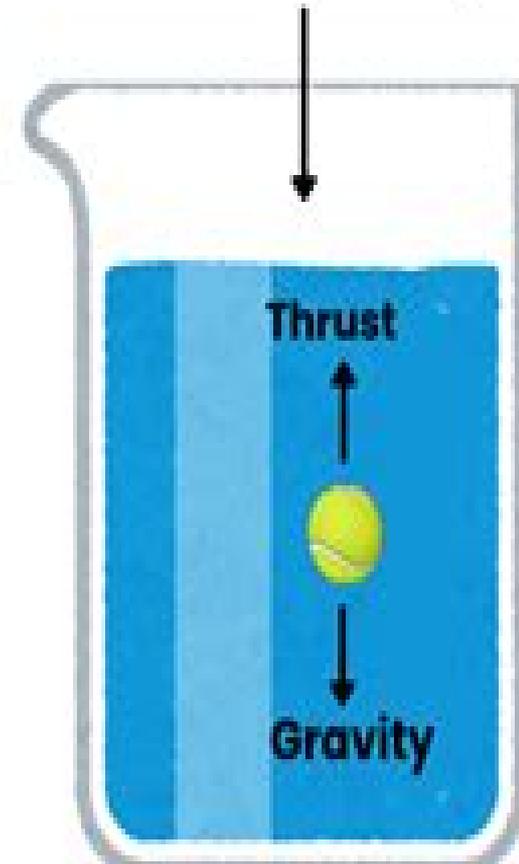
ARCHIMEDES' PRINCIPLE

Definition:

Archimedes' Principle states that any object, wholly or partially submerged in a fluid, experiences an upward force equal to the weight of the fluid displaced by the object.

Formula: $F_b = \rho_{\text{fluid}} \times g \times V_{\text{displaced}}$

Archimedes' Principle



Archimedes Principle Problems And Solutions

Ana-Maria Oltețeanu

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density of cs 7 85 g cm³ the volume of water required for hydro testing is estimated as $\pi \times \text{pipe id in meter}^2 \times \text{length of pipe}$

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