

$$\rho_k = 800 \frac{\text{kg}}{\text{m}^3}$$

$$F_{r2} = 32 \text{ N}$$

$$g = 10 \text{ N/kg}$$

$$V_T = ? \text{ (m}^3\text{)}$$

$$F_{r2} = V_T \cdot \rho_k \cdot g$$

$$32 = V_T \cdot 800 \cdot 10$$

$$\frac{32}{8000} = V_T = \underline{\underline{0,004 \text{ m}^3}} = \underline{\underline{4 \text{ dm}^3}}$$

Těleso má objem 4 dm^3 .