

Subiectul B. ELEMENTE DE TERMODINAMICĂ

II.a.	$v = \frac{N_1 + N_2}{N_A}$ <p>Rezultat final: $v \cong 2,65$ mol</p>
b.	$m_{O_2} = \frac{\mu_1}{N_A}$ <p>Rezultat final: $m_{O_2} = 5,31 \cdot 10^{-23}$ g</p>
c.	$\rho = \frac{m_1 + m_2}{V}$ $\rho = \frac{\mu_1 N_1 + \mu_2 N_2}{V \cdot N_A}$ <p>Rezultat final: $\rho = 1,28$ kg/m³</p>
d.	$\mu = \frac{m_1 + m_2}{v}$ $\mu = \frac{\mu_1 N_1 + \mu_2 N_2}{N_1 + N_2}$ <p>Rezultat final: $\mu \cong 29 \frac{\text{g}}{\text{mol}}$</p>