

Subiectul B. ELEMENTE DE TERMODINAMICĂ

II.a.	$v = \frac{N}{N_A}$ <p>Rezultat final: $v \cong 6 \text{ mol}$</p>
b.	$m = v \cdot \mu$ $\rho = \frac{m}{V_1}$ <p>Rezultat final: $\rho \cong 2,31 \text{ kg/m}^3$</p>
c.	$p_1 V_1 = \nu R T_1$ <p>Rezultat final: $p_1 = 2,4 \cdot 10^5 \text{ Pa}$</p>
d.	$\frac{p_2}{3} V_1 = \frac{m'}{\mu} R T_2$ $\Delta m = m - m'$ <p>Rezultat final: $f = \frac{\Delta m}{m} \cong 66,66\%$</p>