

Subiectul B. ELEMENTE DE TERMODINAMICĂ

II.a.	$N = \nu \cdot N_A$ <p>Rezultat final: $N = 12,046 \cdot 10^{23}$</p>
b.	$\rho_0 = \frac{p_0 \mu}{RT_0}$ <p>Rezultat final $\rho \cong 176,5 \text{g/m}^3$</p>
c.	$\frac{V_0}{T_0} = \frac{V_1}{T_1}$ $T_1 = 2T_0$ <p>Rezultat final: $V_1 \cong 90,75 \cdot 10^{-3} \text{m}^3$</p>
d.	$n = \frac{N}{V}$ $N = \nu N_A$ <p>Rezultat final: $n \cong 1,32 \cdot 10^{25} \text{m}^{-3}$</p>