Subiectul B.ELEMENTE DE TERMODINAMICĂ

II.a.	$\nu = \frac{N}{N_A}$ Rezultat final: $\nu \cong 5\,\text{mol}$
b.	$\frac{V_2}{T_2} = \frac{V_1}{T_1}$ $V_2 = V_1 \frac{T_2}{T_1}$ Rezultat final: $V_2 = 6{,}25 \cdot 10^{-3}\ \text{m}^3$
c.	$\frac{V_1}{T_1} = \frac{V_1(1+f)}{T_2}$ Rezultat final: $T_1 = 640\,\text{K}$
d.	$n_1 = \frac{N}{V_1}$ Rezultat final: $n_1 = 6 \cdot 10^{23}\ \text{m}^{-3}$