

Subiectul B. ELEMENTE DE TERMODINAMICĂ

II.a.	$N = \frac{pVN_A}{RT}$ <p>Rezultat final: $N = 60,2 \cdot 10^{23}$ molecule</p>
b.	$\rho = \frac{p\mu}{RT}$ <p>Rezultat final: $\rho = 10 \text{ kg/m}^3$</p>
c.	$v = \frac{p_0V}{RT}$ <p>Rezultat final: $v = 1,2 \text{ mol}$</p>
d.	$p_0V = \frac{m_x}{\mu} RT$ $pV = \frac{m_x + \Delta m}{\mu} RT$ $\frac{m_x}{\Delta m} = \frac{p_0}{p - p_0}$ <p>Rezultat final: $\frac{m_x}{\Delta m} = 0,13$</p>