

Gabarito Lista 5 - Teoria Cinética dos Gases

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1. (a) $N = 3,45 \times 10^{23}$ (b) 517 m/s
(b) $\left\langle \frac{mv^2}{2} \right\rangle = 6,21 \times 10^{-21} \text{ J}$ 3. (a) 6,8 m/s
(c) $U = 2,14 \text{ kJ}$ (b) 7,4 m/s
(d) $C_v = 7,14 \text{ J/K}$ (c) 7,0 m/s
2. (a) 367 K 4. Mostre!