

molar mass of N_2 . p/10⁵ Pa 0.750 0.500 0.200 (25 points)

molar mass of N_2 . $p/10^5 Pa$ 0.750 0.500 0.200 (25 points) V/dm^3 3.0 4.5 7.0

Q3: A perfect gas undergoes isothermal compression, which reduces its volume by 1.80 dm³. The p_f and V_f of the gas are 2 × 10² kPa and 2.14 dm³, respectively. Calculate the $p_{original}$ of the gas in (i) bar, (ii) torr. (25 points)

Wed 10/11/2021

Best wishes

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