Latool ffkt 6

1. Inal partikel dan herapatan mobbil 3. Diketahui: Pt: 3/2 P

dari 1 kg coi dy volume 2.106L

C=12, 0=16.

V+=?

John rartifiel = N.L = Major .L Mr = 1000 . 6.02.1022 44.

Tayot mobile = $136,8182.10^{23}$ $= 136,8182.10^{23}$ $= 2.10^6$

= 60,4091.1017.L" = 60,4091.1020 m-3

2. Diketahui: Vo= 150 cm² = 1,5.10-4 m³

To = 27 t

Tt = \$100°C

Dt = 73°

\[\times = 2,3.10^{-5} \] \[\times \]

\[\times = 4,4.10^{-9} \] \[\times \]

3. Diketahoi: Pt: 3/2 P PTt: 5/3 T V+=? PV = Pt.V! TV = 32.V! V: 210 V V+= 10 V V+= 10 V

4. Diketalini: Po = 2 ontm, To = 200°C = 473K

V1 = 2 Vo, V2 = Vo

* Intermal -> Po. Vo = P. V.

2. Vo = P. 200

Pr = later -> Teleman allhir

Valution bejonn - vt: Vo(1+3d.DT)
= 1.5.10-9 (1+6,9.10-5.73)

= 757,000 m = 1,5075555.10-9 m

= 1,5075555.10 9 m²

**Vallier air = 0 vt = Vo (1+4.07)

= 1,5.10-9 (1+4A.10-9.73)

= 1,54010-10-4 m³

a Vair temper = $(1.54818 - 1.5075555).10^{-4}$ = $0.0406245.10^{-4}$ m³ = 4.06245 cm³.