Penenne: Typenis unecerned recomppe nouvecento bozgipea de

maccori me, morga me - me V6 - V1 + D2 = My + M2

M= 28.10-3 Ki l M2 = 32 · 10 -3 M monte  $d_1 = \frac{M_1}{M_6}$   $d_2 = \frac{M_2}{M_6}$ 

Haunu: M6-?

Vo= Link + L2 MB = M6 (d1 + d2) Juste de fu  $Me = \frac{28 \cdot 10^{-3} \cdot 32 \cdot 10^{-2}}{0.8 \cdot 32 \cdot 10^{-3} + 0.2 \cdot 28 \cdot 10^{-3}} = \frac{896 \cdot 10^{-5}}{31,2}$ - 28,72 10° KI

Ombern: Mg - 28, 72. 10-3 Kr

Nº02

Dano: Pernenue:

2 Dano:

1 de = 80%

2 × = 20%

 $Q = 0.Cp(T_2 - T_1)$ , roe  $Cp = \frac{i+2}{2}R$ menioma, coolymnone rogy V= 1 Kunons

T1 = 293K T2 = 873K

 $C_p = \frac{Q}{Q \cdot (T_2 - T_1)} = \frac{i + 2}{2} R = 7 i = \frac{2Q}{QR(T_2 - T_1)} - 2 = \frac{2Q}{QR(T_2 - T_1)} = \frac{Q}{QR(T_2 - T_1)} = \frac{Q}{Q} = \frac{Q$ Q = 12 Mon

Marinu; i-? A-?

A= SpdV = pV2-pV1 = DR (72-T1), m. k. npoyece njobapuremuri

A= 1.103.8,31 (873-293) = 4,82.10° Dru

Ourbens A= 4,82-106 Dm

N.03

Perumie: Dano:

B aquatamurecuou projecce sumpomme ne memerones, m. e. m-1,72

h=3 1

M= 4 Trons Marinu:

Due ujobamiviernois upoyecca:  $\Delta S = \int_{T_1}^{T_2} \frac{dQ}{T} = \frac{M}{M} Q \int_{T_1}^{T_2} \frac{dT}{T}$ The K. cmanne ujobapiviernoe, no:  $p_1 = p_2 = > \frac{V_1}{T_1} = \frac{V_2}{T_2} = > (pV = VRT)$ 15-?

=> Ta = 11

45 = m Cp. ln 3 = -1,7 . ln 3 . 3+2. 8,31 =-9,7 Duc

Ourbein: AS= - 97 Dujy

Demenue:  $\lambda = 30 \text{ ew}$ Demenue:  $\lambda = 40 \text{ ew}$ The menusion of the mather according to th

Ombem: F=8,92.10-21 H

Nº 5

Ombem. drap = 2,7.10-10 u