mp=0.4/59 m =0.459 Cm=? Cv=4190 7/kg·kg OTm=40-130=-90° OTw=40-15=25° mCATwater + mCAT cop = 9 0.4 kg (CX-8) + 0.45 (4190)(25) = 0 -360 + 47137,5=0 47,137.5 = Xc (C = 1,309 J/kg·5°) - copper water glass 2) MOST + MOST + MOST = \$ 0.125 (385) (T4-345°C) + 0.565 (4180) (T4-20) + 0.05 (840) (T4-20) = p 48.125 To -16,603 + 2767Tp -47,347 + 42 Tp -840 = \$ 2457.125TF = 64,790 Tr= 26.4°C DL= GOXAT 0.0006 = 2(0)(20°C) d= 40 d=0.000015 = 1,5 ×10-5

4) 40.1 cm + Oly + 79.7 cm + Dla = 120 cm 40.1 + 40.1 (2.0 ×105) (TA-0) + 79.7 + 79.7 (2.4 ×105) (T4-0) = 120 cm 40-1+00008+ +79.3 + 0.0019TA = 120 (0.0008 + 0.0019) Tp =0.6 Tr = 0.6 Tr= 221.8°C) 5) P.= 10/4Pe = 10fm Pe=20 kPa = 0.198 + fm V= 12,0m7 = 12,000 L V4=7 Ty=-20%=2113.5 T = 22°C = 295% 4=6 n= PV = 1(12,000) RT (0.082057)(250) - 495mol Up: nBT 495 (0.082007) 243) - 49,849 L and (49.14m2) 11 1188496

K+= 3 m/2 6) M= 905g V= 1629 K4= 5 (0.905) (1629) Ky= 1,209712 J 472I _ ? I 427I to raise neter 1°5 1kg·ko 00905kg·15° 1,200,7728 _ (2811°C) D BU=Q-W Q= 1450J 6x10 4 = 60,000 6000 - 60 KPá AU= 6-PAV DU =14505- 60,00, (0,07-0,02 m²) &U=1450-3000 8U= -1550J

8)	P=3.3 atm N=PV _ 3.3 (3.2)
9	P=3.3 atm
	N=?.
	R=0.082057 md.5 N=0.3899 mol
	R=0.0800) nd.5
	T= 330.K = 2.348 x 1023 mdecoles
	(=7.877g)
9)	U= 5x10 and P= MRT
	A=B
	7=2926°K = (5x10-3)(0.082057)(2926)
	P=? 0.3(
	V= xpcn3 = 0.0003m3 = 0.3L
	(P= 4.001 aten)
(3)	1
10)	