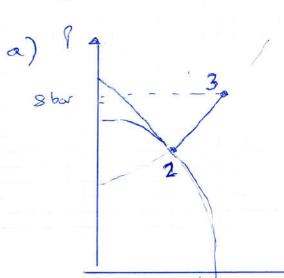
augale 4

isopopopo



b) ni R134a

crechapse

dahanarer progess (Bilong un der Kauptenar

0 = m [he - ha] - wx

Nambay

h = we = 2800

WK = 2800

he and ha aux Valulle A - 11 aux lessen

he =

rearre expetes reinde, alube de Tomporatur so

large Karshart, his der Planerwertsel ealtgager

ed. End dans reunde sie rueder sinter.

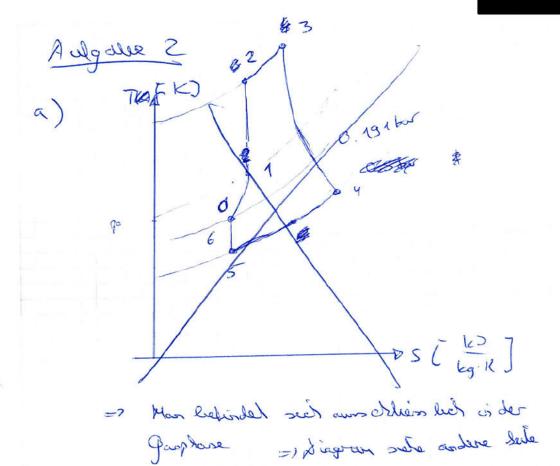
Aulgalie 2

TCK 7

4 0.191bar

- 016

+ 3 [les x]



b) we und Terperatur To

idealer gan:

po = 0.191 bor

io Bilary on die Johnhoure

and Terperature

and Terperature

real House

Mein

p. U" = learnh

```
c) ngen
                    Dexsh = exsh = exsh =
        O exst = h-ho-To (s-so] + k.e + pe)
               erso = Oh - To. Os + k.o
      to = 36.9162 - 243, 15k.6.335 + 48.05 = 63.5 k2
             Oh = cpis (Te - To) = 1.006 = (340 1c - 243.15k)
                            = 96.91 (c)
         DS = cpis In( \(\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}\f{\frac{\frac{\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fi
                      = 1.006 6 . In (3401c) - 0.287. In(1) = 0.335
            CVI) = 1006 = 0. 719
            R= 637 0.257
           Le = 2. (510 = - 200)2
                                                                                                                      (8'050 ] = 48.05 <u>k</u>)
d) mpos
                                        The Engle bil azy let some stationare Starry.
                       G = - Destr # 4 (1 - 10). QB - Except
                     French = - De St + (1 - Fo ) @ 9B
                                                = -63.5 kg + (1-243.15). 495 kg
                                             = 906 kg
```

Druck gg w

$$P = Pound + ME-9 = ME-9 = 1601 = 32-9.81 + 0.169.981$$

$$\frac{10.18}{2}.77 = \frac{5277}{4} = \frac{5277}{4}$$

= 1-40 box

MEIS = O.C

Eiswasser hat die Temperatur ean 0.003°C autgrund der Alermody Manischer acu.

the afterning + x. (ug ten) - a luming)

2 = 4 = 4 (turiq = -596.6 - (-0.033) = ? 4 = 4 = 4 (turiq = -333 442 (-0.032)

 $u = \frac{1}{k_3}$ $u_1 + q_{12} = -200.092 \frac{k_2}{k_3} + 316.50 \frac{k_2}{k_3} = -516.6$

= -200.092 kg

d) Erorge blong: Dhis Treather = = 700 => now had now six Hollsallowers byslen E-Blay hir halballere Système mz. uz - Ma u a + O/c i O/E = DM vz (The + w/t of 2.) + PR - Faus mz · we - he · up = & her · he Once = me-uz - m. 41 he = 83 96 kg OMIZ = (MI + ONIZ) ruz -MI. WI M2 = (5755 + DMIL) DM12 (1-42) - M1.42-M1.41 ma = 5755 by wz (70°)= 257. \$ Tob- A-20miz = My (uz-ur) U1 (100) = 418 84 = 3474.9 leg he = 83 . 96 8 - N 102 Sanson 1.5 Entropie andering an ever habetheren System. US12 = Mz. 52 - M1. S1 = (M 1 + MZ) Sz - M1 : S1 S1 = 1.3069 E) = (5755kg : 3174,9kg) , 0.9549 kg/E - 5755kq
1.3069 E) = 1292.44 kg/E

1.3069 E) = 1292.44 kg/E 52 - 0.9549 Eg.K

angola 1

a) Quin =

Bday on tout Montal :

Blog an Reabler

O= in [he - ha] + Que + Que

Quy: in Tha - he) - QR

= 0.3 Es. [449.04 - 298.38] - 400 kar = -62.18 EW

hallooke) = 419 04 (aus Tab. A-2)

he (70°C) = 292.98 (aus Tab A-2)

b) TEF = STds = ha-he = stln(\frac{72}{52}) = 60.003°C

SF2= SdH + V8p

coole flussiquei! Udp = 0, real interpressable

 $S_{1}^{1} = S_{2}^{1} (T_{1}P) = S_{1}(T)$ $S_{1}^{1} = S_{2}(T_{1}P) = S_{1}(T_{1}P)$ $S_{2}^{1} = S_{2}(T_{1}P) = S_{3}(T_{1}P)$ $S_{3}^{1} = S_{3}(T_{1}P) = S_{4}(T_{1}P)$ $S_{4}^{1} = S_{4}(T_{1}P) = S_{4}(T_{1}P)$ $S_{5}^{1} = S_{5}(T_{1}P) = S_{5}(T_{1}P)$ $S_{5}^{1} =$

Set = $\frac{1}{100}$ Entrapsie bilary bir ein geschlasseres byster $M \cdot (3z - s_A) = \frac{Q_{10}}{T}$ $Set = \frac{Q_{10}}{M}(s_2 - s_A) - \frac{Q_{10}}{M}$