1. yes, the als emor's of the two temperatures were

1300°C = %14, 550°C 5%1.4

when comparing on a graph too the information from the babbles, the information is plactically indistinguishable.

2.

W:1.4 Mm= 28 W) / Mmoi

CP = 1.4 (83/4.46)

a) Oc: 273.15 le

: 1039.3075

h= CpT=1039. 3075 (273.15)

Lv: LP11.4: 747.3625

= 283,886.8

U= CVT = 742.3625(273.15)

= 202776

b) 1000C=1773.15ce

h: 1034.3075(1273.15)

= 1,323,194

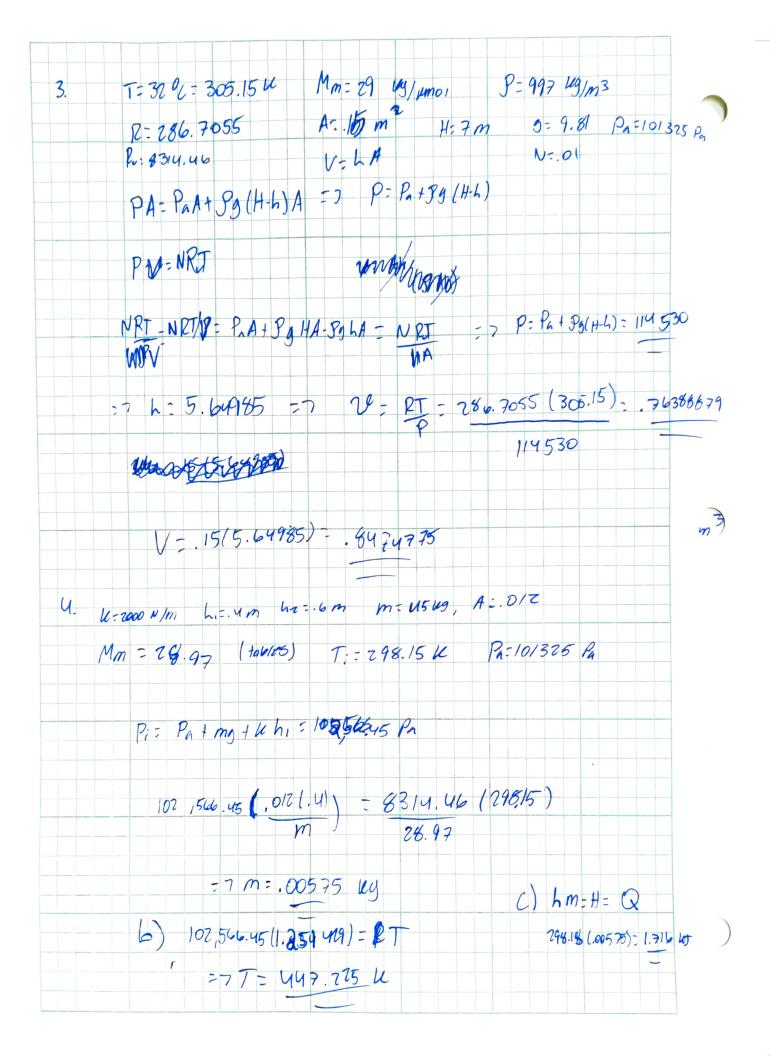
U= 742.3625 [1773.15)= 945, 138.8

() 200° = 27 73.15 LC

h=1039.3075 (2273.15)

= 1362,501.8

U=1,687,501



5. T:= 300 u, P:= 101300 Pa, Mm: 32 WJ/Kmoi, M: 07 Mg

21
$$P_{2} = \frac{259.876(T_{2})}{.7695}$$
 CuT2-CuT, = 13 Let
:> $T_{2} = 3206e$

