1876:a =

2.0XEIL (the ) ( the )

Exero = ( for given state to total ( sut of ) = ( sut in the ) of les ministrates)

Co2 + H2 == H20 + CO

(H) = B - (1.3+ 0.5+3)= 024m.

m toe = al, mto 2:0 = 20 st, mto 6:1 = 12, surserved look and

on to 2 = sousessof lator

100 gm, (AIA), remouns un changed.

to bosterin mosods and most to thousand properties the

EE +8,0 = 191181 = (A/A) = 4,040 = 20181

191.81 = 8c. F8 X 137.28 = 31042 (A/A)

TN9+. EX 89 16 +074 E9 1+ 707 69119 -

0,684CgH18+0,687CH30H+ 9.58 (02+3.76N2.)

11 " CH30H = 22 = 0.687 moles,

5 your 489,0 = 411 = 81487 to orien

and 22 gm CH30H by mass. 50,

81482 mp 84 private having the mp ool somuses (d)

790.21 = hux1 80:481 × 37 = 7,645 (3/4)

C8H18+82 (5+3.76N2) - 8C02+9H20+25 ×3.76N2

Quiz-I Solutin (MESOID)

2044661 + 14,44 = 2400000 HA 02 4. = 8 28 (2) (800-12) + 70'ty] + 1.67 | + 1.67 | + 1.67 | + 1.67 | + 1.67 | = 2400 ) = 1.00 + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + 1.00 | + AH reaching = AH brodusts for adiabatic combustion, at const. Accessing, 50 First - 20 FB 11702 till = un pub to11 = a = E = (+14) 10 m + 02H = 20 16 + 2H sontifice and rat  $\frac{\varepsilon}{68} = \frac{\varepsilon_{00}}{8} = (414) = \frac{(414)}{(414)} = \frac{\varepsilon_{00}}{8}$ therefore reachion will proceed, in forward diverdion and il hold for some of the last of the soundinan.

(A) Actual becomes of the last of the countinains.

(A) A 202 - H20

(A) (A) Set, = 222 - 8'

(A) (A) Set, = 12 22 -( hp) > ( hp) aistug! ESFI = 00 EIX HIEIS 3 = 3 (1) 05 Ry = 81314 NO/ Nonol-N. 10mm/00 6909 - = 0-988968 + E94976 - 848-961-= 190- AG - AG + AG - AG C Lp (9+ equilibrium stat) = 2-200 Put

Tad = 3149 124 K. D + D mont 5+8,6998+ bottes,88+8.968+86- = 9.6868 X Elio + (80 LT) 10,47 + CP, H2 (TOA -298)+1117 ( h2,02 + CP,02 (T2498) 10646.62 Ka/kmol = 2. F8PEXF3.6 + 20,4A F311 + 24,4A = 2tonstranged 02 wy. 686 e + 14 = 5 up. 860 x hier & w + 14 = ( rd ) ez 40 le + 14 = -24 dpran = 4bu = 10 for adiabatic process, dhe vdp tpa + 6p = 4p :.

meto 2 pas 1890 to nothon at to politice = th

(8pc-201) - (10 + - Chi) + 1.17 ( 10d -298) ) + 1.17 ( hox + Grot ( Tod -298)