Thegrarara, ums 1,2004" na carren que aprost.

693191 Apropi: An, 18-4 enemen madungor Menguella. Tan K.y. An Kak ray.

To cuarmulary cobrage news N sienermon = N siennyshop. Thorga willness 18 E. Uposeknynsken - under condition see Menyotist (b nocomolomi).

Theren, une remains where CO +2, nongrass grapherue:

 $\chi - 2 = 18$ (1) 3 mo yr-l na zekarporen

The. now herealt - 20-in silvery. Ins Ca (Karbughu). Frexpyorena goopyra:

Ca: 152252p63523p6 452 25 PM 2p PURIND Ca : 1522522p63523p6 35 PM 30 PURIND 35 DU 3P ENTUIN

Tugnooking: Th. K. OH, a Cat, wound regeneration, umo aggen CalOH/2 My u Kak for 45° Ms ers means (Ra causu gene, Ims nacrouses onlying, uno of the zorde Janele Imo aboternot)

Rasicencio on rice nazirbalnir ravieno in les premosos.

Ca 0+ H20 = (a (0H)2 (rameure uzbacom) Rossemas perengus 3Kzamelpuvillarong L bocnamurant us

Raryun:

Ca (OH)2 + H2SO4 = (aSO4+2H2O (neirmangangua)

Ca (OH)2 + CO2 = CaCO3V+H2O (neutryanyongh mosice

3(a (0H)2+2FeCl3 = 2Fe(OH)3+3CaCl (oduera)

(4(OH) 2 to Ca O + H20

mm t xxxx 520-580°C

Enymeray M. U.

$N_2O_5 \rightarrow 2NO_2 + I_2O_2$				η		
	273		308	318	328	338
(K×105) c-1	0,0787	3,46	13,5	49,8	15a	487

Эксерия активации реаксуми: Hy, a ne ouvre nasion end não gragon-Mecrui Menog ... Hy eens menog Conarrepean que nacustro, ero u mubeg; Thabrience Appeninger:

K(T) = Ae - Ea/RT

втосстве уравнение, по как донупк-Me oclub Madro cumario Fichellande

Thogmony songupulpulpy of warm

ln K = ln A - E

Merepo cur. na spagoun 2. Regeroes remepes onebugeo, Lino byth to d, Sygen

tgd=-Ea (My man by mo mustogento Mosicus, um biranimos uckarpholia kypic aurespor)

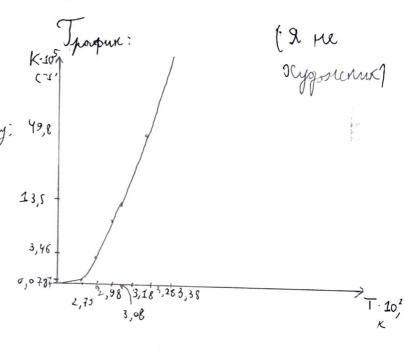
Morgon:

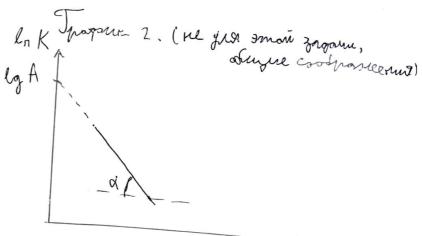
lnk2-lnK1=- ta + Ea RT2 + Ea ln Kz = Eal (1 - 1)

Uz biero moro X Ml zoldro

marous Ea. Tyekpoons!

[a=Rln Kz / (T2-T1) republic it oblight speakermetto





7 E = 8,31. ln 487. 108 / (338-328) = 8,31. 1, 17 / (<u>so</u>) ~ 107789 (one) ~ 107, 789 (one) ~ mus) lorapigan nagemobuse в кантумпор

boun bice B KOLOKY KARIST

Crobor ypobrientel Appeningen: K(T)= Ae -Ea/RT

$$A = \frac{K}{e^{-6a/R_{1}}} = \frac{987 \cdot 10^{-5}}{e^{-107789/(8,31-338)}} = \frac{987 \cdot 10^{-5}}{e^{-107189/2808,76}} = \frac{987 \cdot 10^{-5}}{e^{-38,36}} \approx 2,27 \cdot 10^{-9}$$

$$K = \ln Co/C$$

$$K = \ln Co/C$$

$$K = \frac{\ln C_0/c}{t} =$$
 $f = \frac{\ln C_0/c}{K} = \frac{\ln \frac{100}{100-70}}{150.105} = \frac{\ln \frac{100}{30}}{150.105} = \frac{2,2\cdot 10^5}{150.2}$
 $C = \frac{100}{150.105} = \frac{100}{1$

Omben: Ea = 107,8 (n Drue); A = 2,27.10¹⁴ (e⁻¹); t = 802,6 (c)

myon com Grand pageton T- pagetod ombense (y mens pa propregoe ommunus), semil manderarurka rabopura, umo mak oberno me Junices => nogogebaro regornamolpro moupes « u rongo rpamini Eurozel znard noue zandými

Iman: Cz M6 (aukan, Cn H2n+2-aduran gropwyna)

Immer: C2H4 (ONKEH, CnH2n - obugas populyca)

1 AcH = -1560.710,3 KAX

(qua C2H6) - c canima, grayarnas b M(C₂H₆) = 30 2/mos (22-2+6) zorgane, bepserent uz mullhegeringia

Δ_cH° = -1411.2±0,3 × M × M ο M

M(C2H4)=282/mars (2702+4) (gw (2H4)

Down 2 rs murera.

D(C2K4): 2000 €71, 4 may (m)

Grop. (C2H4): 1421,2.203 Doc (ryouns -AcH°)

Q= 1411, 2·103.71, 4 = 100759, 7·103 Dru Q(Doug) (Many)

(Quan. ·)) C Jergessi conoponosi:

Qcrop (C2 H6)=1560,7,103 Dace

Q=Qo= D((2H6). Qcrap. (C2H6) => D(C2H6): Qcrap. (C2H6) = 100759,7.103 1560,7.103 = 64,56 (Malle) m(C2H6) = D(C2H6). M(C2H6)=64,56.30 = 1936,82

Inten: 21,9368 K2 (econo reeras nemouroemo, chegarinas c oxpyrientis)

Trongen:

C2 H4 + 302 → 2 CO2 + +2H20

2 C2 H6 + 702 -> 4C02 + 6 M20

N4. Na Hz PO4 4 Na OH Na H2 PO4 + Na OH -> No2HPO4 + M20 (2) V=11 pH:7,0 The econo bygoen go Depamuou Cym = 0,1 non Alaccon-? 3 glis part kucionisi urpalm uose H2PO4, a note HPO4-compa-Eccurano centario PH = PK(H2PO4) + lg [Na14PO4] Morga: 7=7,7I+lg Coche Chuch $lg \frac{lan}{lan} = -0,22 = 7 \frac{lan}{lan} = 10^{-9,21} = 7 \frac{lan}{lan} = 10^{-9,21} con = 10^{-9,21} con = 10^{-9,21}$ PK(11, POG)= 7,21 Court C muce = Cayn 10-0,22 2 0,62 Cayn= (2+ 10-0,22) (Ruca (Ruce. = Ccyn = 0, 062 (Mars)) (Na Hz PO4) = Cruca. V = 0,062 (Mars) - 7mo quencus dours l'parentagne dyspepa M(Nor Hz PO4) = 23+ 2.2+32+4.26 = 120 (2/10046) J(NazHPO47 = 0,62.0,062 20,038 mars Na M2 PO4 + Na DH -> Naz HPO4 + M20 The ecrus, unada nongumes succesalmes NazHPDy, une mago smy peacesure. Onebugges 0,038 < 0,062, naprany y Merito Kax La B uzbronke Na Hz PO4. Though: J(Naz HPG4) = D(NaOH=0,036 (Nove) Omben na bonjoe ripo gugrai c PH=7: M(NaOM= 23+16+1=40(Yum) Lond rugges-rapdogramment byggy: m (NaOH) = D(NaOH). M(NaOH) = 0,038.40=1,52(2) M2CO3+NaHCO3 Им комий-досрастой (у нас напушиfls. . y neus na emy nearus y vigen 0,038 mois Na Hz PO4. Thoses que, ryurgémen K2HPO4 " KH2PO4 Dua (Na Mz PO4) = 0,062 +0,038 =0,6 (Male) => m(Na Hz PO4) = D(Na Hz PO4) M(Na Hz PO4) = nog brownby hage get waryour = 0,1.120=12(2)

Uniber: m(NaOH)= 1,526); m(NaH2PO4)=12(2)

1090 harmbon ofg NO3 (numpan chega). 5001. om n-ra= 102. Borning yh-e greknyshiza: V (roga) -?

Ramsg: Ang. Ag+ e = Ag(0) 2H2O-4e=44+02 (0.1)

Umanobal:

4 Ag NO3 + 2 H20 merry 4 gt + 4 MNO3 + O2 1

Ynotrubar repedopar, mym recuariers, blegt umodor ynatorious e mago 9.(0) u 2.(0.1). MNO3 nongravace anchegrave Lyagar Uz (1) bugres:

Typeary .:

D(AgNO3)=D(Ag)=D(HNO3) (ry moun 4 repeg runn)

)(02)= 1)(Ag NO3)

Tyens J(Ag NO3)=x - benymmen b rearryma (J(02)= x/4)

m (Ag) = D(Ag). M(Ag) = 20.108 (2)

 $m(O_z) = J(O_z) \cdot M(O_z) = \frac{x}{4} \cdot 3z = 8x(2)$ $M(O_z) = 2 \cdot 16 = 32 (v/mars)$

bmpta=m(Ag)+m(O2)=10(2)=108x+8x=116x(2)

X = 10 = 0,086 (Mars)

 $J(O_{2}) = \frac{x}{4} = \frac{0.086}{4} = 0.0215 \text{ (Mays)}$

V(0,)= V4y - O(0,)= 22,4.0,0,1550,48 (b)

V ... y . - Konconomora

Omberia, 48 u