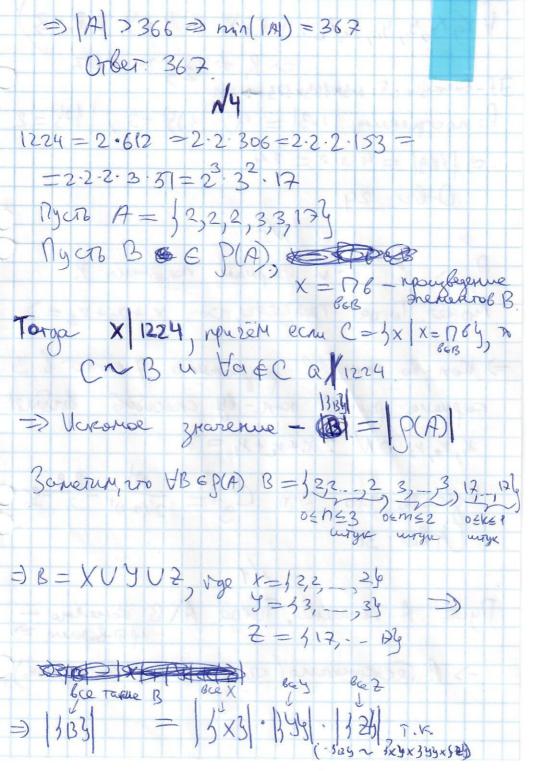
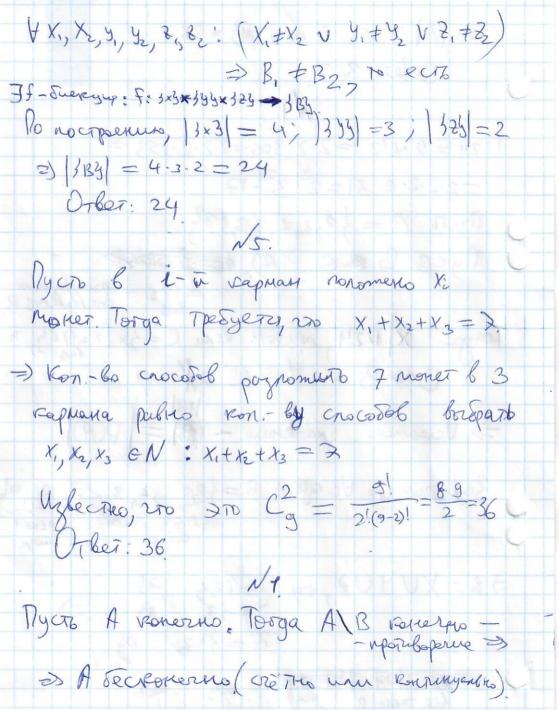
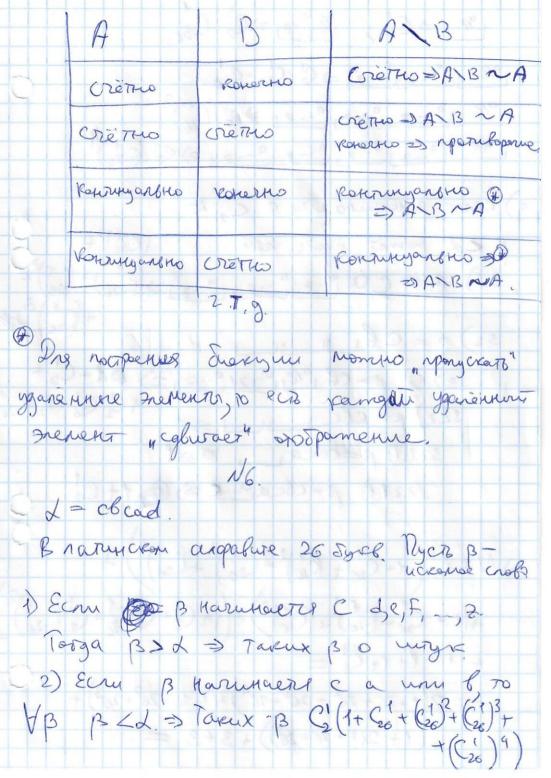
235 Po yeroburo, ecu A nografia so VI: A->B 3 a, az e A: f(a,) = f(az) gens pongeny Econ o rapisippet bonorheme yenobus, no 30, az eA: F(a)=f(az) u V6 6 B 3 93 6 A: f(913) = 6, to eco reboznomeno y nomenes To geno pomgening az tak, vrosor ous per cobragano un c =) | V6GB FacA: f(a)=6 0] 366B: 3a, a26A: f(a)=6 1 T.R. |B=366, 70 |A| 7366 no 1. T.K. NO @ 36: 8 | F[383] 72, 70 | A| =366.







= 2.
$$(475255)$$
 + 18279 + $(+2(703)+6=$

= (970202)

Other. 970202

N7.

a) $(-1)^k C_h^k = S$
 $(-1)^0 C_h^0 = 1$

2) $(-1)^k C_h^k = S$
 $(-1)^0 C_h^0 = 1$

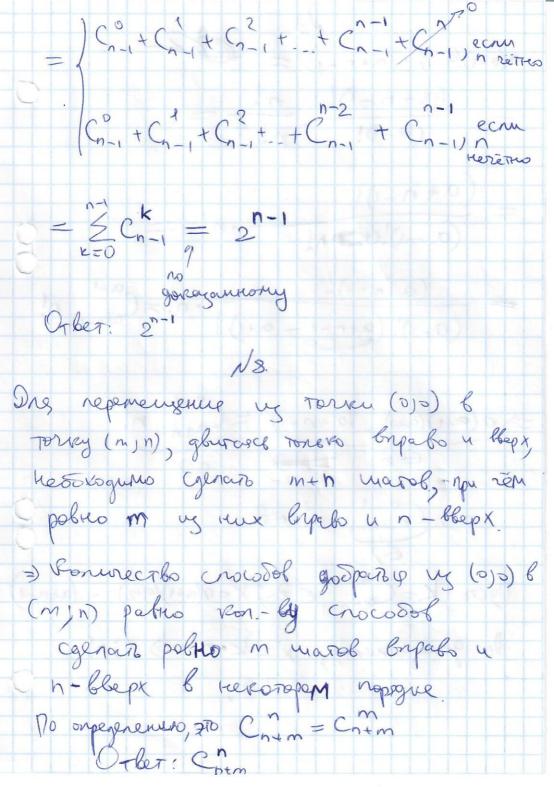
2) $(-1)^k C_h^k = S$
 $(-1)^0 C_h^0 = 1$
 $(-1)^0 C_h^0 = 1$

3)
$$n \ge 0$$
 u n $2 \in 740$.

 $S = C_n^0 - C_n^1 + C_n^2 - C_n^3 + 200 + C_n^{n-2} - C_n^{n-1} + C_n^n$

No tongectly Packars,

 $S = C_{n-1}^0 - (C_{n-1}^1 + C_{n-1}^0) + (C_{n-1}^2 + C_{n-1}^0) - (C_{n-1}^3 + C_{n-1}^0) + C_n^n$
 $+ (C_{n-1}^{n-2} + C_{n-1}^0) - (C_{n-1}^n + C_{n-1}^n) + C_n^n$
 $S = C_{n-1}^0 - C_{n-1}^1 + C_{n-1}^n + C_{n-1}^n + C_{n-1}^n + C_n^n$
 $S = C_{n-1}^0 - C_{n-1}^1 + C_{n-1}^n + C_{n-1}^n + C_{n-1}^n + C_{n-1}^n + C_n^n$
 $S = C_{n-1}^0 - C_{n-1}^1 + C_{n-1}^n + C_{n-1}^n + C_{n-1}^n + C_n^n$
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 $S = C_{n-1}^0 - C_{n-1}^1 + C_{n-1}^n + C_{n-1}^n$
 $S = C_{n-1}^0 - C_{n-1}^1$



Ma 4 2 2 a(a+e)(a+e)_(a+n-1) = $= \frac{(\alpha+n-0)!}{(\alpha-0)!} \cdot \frac{n!}{n!} =$ $= \frac{(a+n-0!)}{(a-0!)(a-n!)}$ $= \frac{(a+n-1)!}{(a-1)!(a+n-1-a+1)!} \cdot n! = \frac{(a-1)!}{(a+n-1)!} \cdot n!$ £2 -3 €2 =) Ca-1. n! e2 ny cro k= Ca+n-1 62; X= a(a+e)(a+z)-- (a+n-1) No governmeny, x = k·n! => X:n!

NIO MA Econ Zetkorx a Heretherx yapp ropolity, a ruche mecryporpoe, to bruche no 3 rêthere y resettere grapper, har rêm 6 CTapmen paypage He momet crosto O. 1/yerb & crapmen purpage crows a \$ 0 gla, le resoprex Tygyt cros 76 mect me reman, 40 u a: C3 bapuarroles 6 rangon pappage ogna uz 5-n jupp Ha O Manbhore 3 Raypega nomes nociables Modyo is 5- The grapp gryion Tourism of payon, N=9. C_5^2 , 5^2 . $5^3=281250$ Other: 281250 Momento biex tourism ruces palmonougho (8) X (8) X (8) X (8) X (32,4,6,84x B.(I)x39,34,6,832x31,3,5,3,24) V(31,3,5,7,3,44) x f2(I) x } (3,5,39 } x)0,24,58 43)

Tok van appyrion regoluciones, von- 60 cnocosol pagramura be appyrens pasio your begenus Konviert crocotol poznomur otgenbure oppyetor 1) Myer May nongrup Xx sonow Perp-x; Anna-x; Dapus-X4. Torga von. - la crocosol pargaro 85 mora pales Fon. - by cnocoool buspects X1, X2, X3, X4: 1 X1 + X2 + X3 + X4 = 6 Aranorumo, 2, + 22+ 22+84 = 2 - combos Uzlecomo, vos vos - 60 permenun varanx ypabretum pp X: 20, y: 30, 2:20
pabro / C6+4-1 = C3 = 84 $\begin{vmatrix} C_{3+u-1} = C_6^3 = 20 \\ C_{3+u-1}^{4-1} = C_5^3 = 10 \end{vmatrix}$

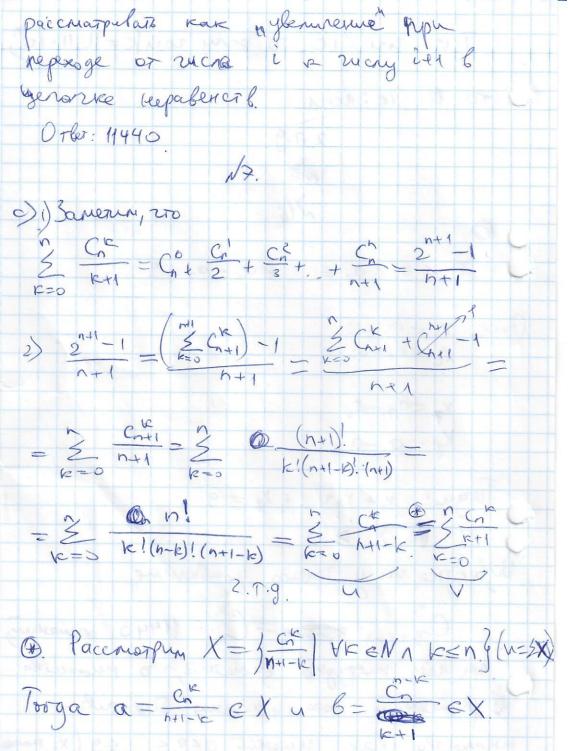
→ N= 84.20-10= 16800 0 flet: 16800 12 $(x^2 + x^3 + x^9)^{20}$ Poere pacreportus crosor 6 bopamerum Octanyte ronders view bugo kx", npu 2EM /m=2X+7X2+9X3=57. $X_1 + X_2 + X_3 = 20$ Sgech X1 - KO1. -60 pay a dan bospan men x2 non repennamenum gre vorgrenne X" X2- Ren X2. X3- znen X9 Banenin, 20 y 2000 ypaluenus Eguncibertose Erena Ex 17 pay Join "B387" zien x3 2 paga - x2 u 1 pag XB & revoresom rapegre Drebuguo, 200 k - Kon - 60 Chocosol cgenate 270, Tak kak now repensionerum CKOSOK nongrunnich ble unopegrun nephyromenus;



yourner octable 4 ventre, rompire Genaro 20 - C10. Torga ovarguore 6 remor hymno replication Tax, 200860 mu ogha ne octanace ma choim mecte. Commento consciolo Genare 70 - rueno Sechopegrob Ha Muonecibe us 6 menerob - 6! \(\frac{5}{5=0} \) \(\frac{5}{5!} \) => Kon- lo cnocoSol repertablis is return tak, 27000 4 Octanuce Ha Mecre - $\frac{4}{100} \cdot 6! \cdot \frac{5}{5} \cdot \frac{-15}{5!} = \frac{10!}{10!} \cdot 6! \cdot 6! \cdot \frac{5}{10!} \cdot \frac{-15}{10!} \cdot \frac{1}{10!} \cdot \frac{1}{1$ $-5.6.7.8.9.10\left(\frac{4}{8} + \frac{1}{6} + \frac{2}{6.8} + \frac{3}{8.5.9} + \frac{7}{8.9.10}\right) =$ = (4.5.6.7.9.10 - 5.7.8.9.10 + 2.5.7.9.10 - 3.6.7.10 + 2.6.7) =×5.6.7)= = 75600 - 25200+6300 = 1260+210 = 55650

N15. For - 60 Games novox - 20(2020) €) => Von-lo ne baumero rporsax: 2020-4(2020)= = 620 - 4 (22. 5. 101) = (22. 5. 101) = 2020 - (2²-21).4.100 = 2020 - 2.4.100= = 2020-800 = 1220 OTBer: 1220 Bozoniem mooo (Hanpunep, 2022) zycha buga 11. _ 11. (to nanigury Dupure, cpegu kux ecro xons son gla runa X, Y X2, garongue ogunanobore ocarren nou generum 119 2021. X, = 2021 g. + V X2 = 2011 gr er Beg or perennency of uguescry, X2 > X, Torga x2-X1 = 204(42-91)=11.1100-00 2021 (gr-gr) = 11. -11. 10", rge n-nexorage mans (non)

T. K. 201 (10, TO earl 201/ = 11.11.10) - 70 PM. 18: 2021 2 7.9 W16 $0 \le q, \le a, \le \ldots \le a_6 \le a_7 \le 9$ $\text{Ny 476} \quad X_1 = 9, -0 \\
 X_2 = 92 - 9,$ xy = 97-96 X8=9-az Torga: X, + X2+ - + X8 = 9 Vi Xi ≥ 0 Uzbecomo, vo y Tarkono ypalicenus Cg+8-1 = C16 = 11440 peneming non rien nerpygno zanernis, no priomecibo & penierin 2000 gralienny Suevantro hyromeorby beex penerum 0 = 9, = . = 9 (Xi mommo



Blybeurns, 20 Ch = Cn => $\alpha = \frac{c_n^{n-k}}{n+1-k}, \beta = \frac{c_n^{k}}{k+1} \Rightarrow$ => X= 3 cn-re | YKEN 1 K ENG => = 1 Cn / KEN 1 KENY. (yrusosfas cannespuso Ch Ospocuteroso Ch l roson craraenom monno zamenuro Ch Ma Cho a zarem zamenetto reperentys cynnupolasmo: k:=n-k) 076ei: 2 -