

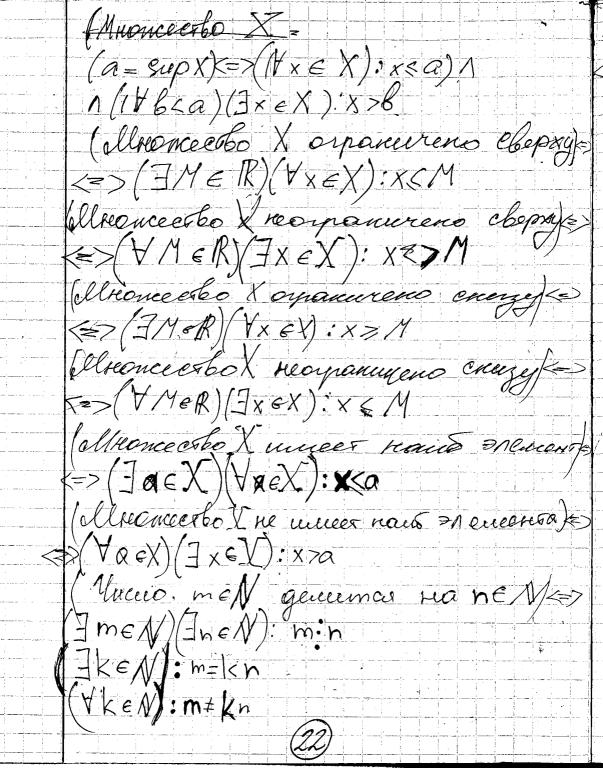
AnB= IXE V/(XEA)A  $\Lambda(x \in B)$ ? - he necesserie unanceers AuB AUB=9 XEV/(XEA) V(CEB)9 soblgemence un & A a B. (AB) AB= $\{x \in U | (x \in A)n(x \notin B)\}$ - pagnocos den -6. A-yuannail onepayus ANB, AUB AB- Eunenperse onepay Jagara V=[1,2,3,...9]=[1..9] A = 21,5, 7,89 B= [3,5,89 A= \$2,3,4,6,96 B = d1, 2, 4, 6, 7, 96 ADB = 584 HUB=21,3,5,4,86 A B= {1, 4} B A = {33

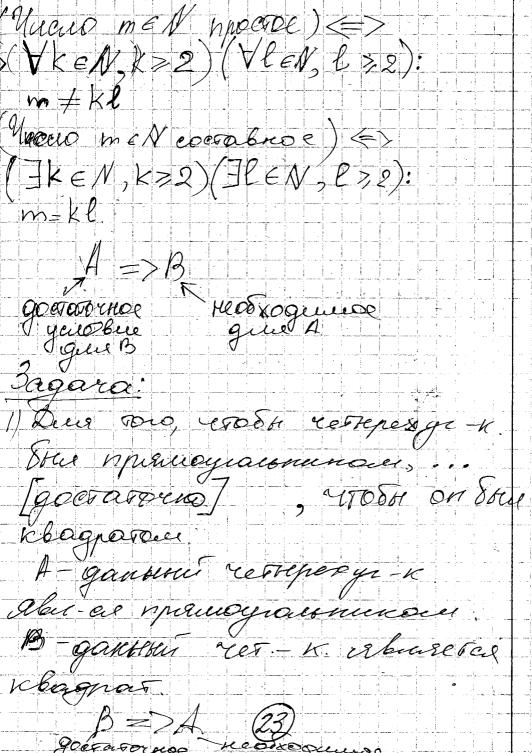
Jagara V= 1.9 A= {2, 2, 4, 9} B=12,493 A = 91, 5, 6, 7, 8 f B= 91, 3, 5, 6, 4, 8f ADB=12,4,9} AUB=1 2, 3, 4, 96 A \B= 1 37 BIAZO Bagara V= [1,9] A= (1,7) B=[3,8] 11 1 V (7, 9) B=[1,3)V(8,9] AnB [3, 7) AUB=[1,8] A B = (1, 3) BIA = [7, 8]

= 2 x 2 X + 8 24 + x42+8x +84=0 (x+y)+8(x+y)=0 xy+8)(x+9 xy+8

N( \x eN) N( \deg CN): x y >0 U. 2) ( \x < N) ( \f \ = Z): xy>0 1 BYXEN/BYEZ): X4>0. N 4) (XEZ) (HyEN): 8470 1. 5) (746N): xy 70M. 6) [4x EZ] [4y EZ]: X4204. PXEN (FGER): XY=2 H 8) \\ \x \in \mathbb{A} \( \frac{1}{2} \varphi \in \mathbb{A} \) : \\ \varphi \varphi \= 1 \\ \Lambda \) 9) (7× EN) Jy EN): X Y = 1 11 10) (YX EN) Y ER) X y = -1 M 1) (+xeN)(Fig EZ): &y=-1 A 12) (7xeN) (Fly EZ): Ry = -1 N Mycso X-cerroncees Bo max I-seased. 211-7 vere. X min X- flacelle 21-7 cers. X supint X - me Totrail bepxkeres rpano my-ba X

inf X - rounce Runcherd yours  $(a-maxX) < => (a \in X) \land (Vx \in X)$ :  $(x:6) = (x:2) \land (x:3)$  $(x/6) \Leftarrow > (x/2) \lor (x/3)$   $A \land B = A \lor B$ AVB=ANB  $(a \neq max X) = (a \neq X) M(7x \in X) : x > a)$ X=[2,7) min X = 2 min X = 2 max X - µe eggere ectogot 34PX=4.  $\begin{array}{l}
(n + = \chi \\
(a = \sup X) <=> (\forall x \in \chi) : x \leq a) \\
\Lambda ((\forall x \in X) = \chi \leq x) = \chi \leq a = \varepsilon)
\end{array}$  $(a + \sup X) \Leftrightarrow (X \cap X)$ V(CIETO)(VXEY): X Quima a-3E)





2) Dees 100 Milell-Belg repauledorpteory heloexogeneco  $A \Rightarrow \beta$ A-np B-nap 3) = 1 = Kleagnarover Resource II = Roussons.

4) Die voio repon mar. ricceo 2

4) generoco na 6 morrogeno 450001 generoce 3 Mesucgenero 5) = 11 = 40 6, 40 2, 40 3 6) -= 1/= 40 6 40 2 4 40 3

NED XOGULEO N GOGRAFONO of ferences regreence Copareas respense : Q(x)=>P(x) Mondonaconeras: Pa)=>Q(v)

megraca speralemaconeces a Déparmon Q(x) =>P(x) 3/P(x)= (40500-K X souces as принедистине) Q(x) = ( Onono Heroger cgr. X monero Oncecaso onp- FB P(x) => Q(x) |Q(x) => P(x) |P(x) => Q(x) |Q(x) => P(x)P(x) = gerecencie na 3 Q(x)= Equeuca cecop 1093 F(X) = X general Ma \$4 (x) = gecet Zanuce reesea x Zakarerebaemae Ha 4. P(x) = ruceo x gent-as res 5 (X) = -71- na o Trusuas Teoperia P(x)=>Q(x) & Teoregues, rposuboranonerous & coparren PAR Q(r) => P(x) 9K Enbancrozer

Ha sman garre ocnobas Mesog gox 69 em mostibares rageira Donazast, 450 eeuis relcee à +612 general rea 3, mo wang uz ruceu a u o geniuse, Peruercia 1) Tregnouonceen rueno a re general na 3 => rueno 6 re generas 6 = 36+1 gaeroer. a = 3 K+1 aaz3K+1 6=36+2 0er 2 a = 3k + 2 6 = 3l + 1 = 26-36+2 a = 3 k + 2 -02 /2 ges  $a^2+b^2 \equiv 2 \pmod{3}$ Монучим противорение. Значит,  $((a^2+6^2):3)=>(a:3)/(6:3)$ 

Memog wanercomercean etyers P(n)-yrbepaez, gabacerse  $P(1) P(2) P(3) \cdots P(k) P(k+1) \cdots$ 1) baza una P(x)-ucrumo I) Was ving Feels western P(K), mo uesumo P(K+1) Ecrey boenoceres of as 1) u 2), mo ynleprogencie Phluerumo mu been n/ancercia ung. pullyum was ung) Bagara: 2-18, 460 pou Beex 12+22,32+..+ n2 n(n+1)2m/ (\*)
Peeceence 1) Baza ceno 2) Was usegyrescee Theopoloucies 400 apopulyies (\*) Eppila pa n=t

12+22+82 - + K = K(K+1)(2K+1) Dokanceies umo apopuyua (\*) Sygen Bepra Taurce Muccel  $|| \frac{1}{2} \frac{1}{2^{2}} \frac{1}{2^{2}} + \frac{1}{2^{2}} \frac{1}{1 + 2^{2}} \frac{1}{1 + 2^$  $(K+1)(K+2)(K+\frac{3}{2}) = (K+1)(K+2)(2K+3)$ Mos neregueres nabys racto opopu (\*) 6 rosopoer n zaucence na K+1 Comaero meserceny near mercy veu paberierbo \* gorazano mu beer nen

Pagara Donessers, 400 mu beer nel Pemercie 1) Baza ung Type n=g 7 + 3 -1 29:19 2) Mar ungymyene A bepute upe n - h. T. R. (4"+3K-1):9 Donormer 10 monga 416. A Syget Como mes paky Theeere. g K+1 + 3 (k+1)+1= 4-7 + 3k+2 =7(7 + 3K-1/=18K+9:9 generation 9 : 9 Comacno punsuing Mas ung nner thell pakenes yst & bepro