MKPN-1 3 Duckpethoi watewatuku Inc-11 Dewerryx B.O. Bapian Nº10 1 { 1,2,3} = 1 4,3,23 PERSE D € {1, {23}} 813 E (1, 1243 NE 3 E083 = 10, 4 1 233 2. A= { Ø, se, 933: (B(A)) = 2 = 4 B(A) = { {03, { (e,93} }, Ø, f 0, fe,933}. 3. A = {1,3,4,7}; B= { 3,4,8} AnB = \$48600 (1,4) AUB= {1,3,4,7,8} BIA = {8} AIB= { 1,3,73 A B = { 5, 7, 8} 4.1) Xx 6 B(Anc) => x & Anc=>x & Axec=> => x c B(A) &x e B(C) => x e B(A) ~ B(C) 2) VXE (B(A) n B(C)) => XE B(A) &X EB(C) => => XE A &XEC => XE A O(=> XE B(A OC). 7. a) P3, R4, R5 D) R1 6) R2 2) Rz, R4 9) P3, R1 e) R5 E) Ru & flood: Y(x,y) & (AIB) xC => x & AIB, yeC =>

=Xx,y) E (AxC) (BxC)

g. YQ: V(x,y) & P3.Q=>(x,k) & P.f(k,y) & Q=> P. EP (x, b) & P2 & (k,y) & Q=> (x,y) & P2 Q. MACKERGERZ 1.a,6,c,f,g; 10. Koos. V(x,y) & R, . R2 >> (x, k) & P.; (k,y) & P2=> => (k,x) = R. R (y, k) = P=> (y, k) = R24 (k,x) = f=> =>(y,x)e R2. R1 =>(x,y)e 82. P, DOCT: Hexago, ez= & P.) t(x,y) c R. Pz = > (x,y) e Rz · f= ty,x) e R. Rz Ri-Rz-cuneipune 13. Kew: Hexan feax13 copiends, rogityeB Jx: (x,y)ef. H(x,y)ef f= (x,x)ef + (x,y)ef=>(x,x)efe 1 (k,y) ef for formp'enge x=y=(x,x)ef fx f (4.4) ef-f => iB ef f.

Hexai 185f f=>(x,x)=f -, f=>(x,4)=f & A (*, x) & f >> (*, ix) & f 10000 7! k=> f SAKB.

DOCTESTICOB: 4(x,y) €(AxC) \(BxC)=>(x,y) €(AxC), &, y) & (BxC)=> = > (xeAyeC) & (x & Bx C vy & Bx () => 1 => x + A, x & B, y & C => (x,y) & (A x C), (x,y) & (B C=> 1) XCA, yel, y & C => Chue bestich 2) x & A, y & C, x & B=> (x,y) & (A * C) & (x,y) & (C x B) => =>KE(AVB) & yEC=>Cx, y)E(A\B)xC.

14. B) (4, Cs, C, 6) Chi Cs C2 1) Chi Cs C5 g) Cuics 15. YR-endils: (x,y) ER: δ) [x] R n[y] R + Ø, no;]z ε[x] R, 2 ε[y] R>> => xp2, y kz=5 xp2, z ky=> xpy. E) [x] p=[yed p => k e[x]=> xp k,x Ry=> Eran Kry Rx, xRk = 7 yRk => ke (y)=> [+]=[y]. (KPy) > (K) R N [y] = ([x] = [y]). 16. A= fa, B, c, d} R-ginutace mayino. (arbaya ginuta b) affi, frc; afc; afd=> a-win.en. cid-mara ex. 17 R-ginurace negino He Mr. A= { 2,4,5,6}. Macmo: 2 - MIH. en ; Hanney. En biggyanin. 18. Tpanzur: +(x,y), (y, 2 & R,Q=>(x,y), (y,2) & A (x,y), (y,2) & Riarpanzur (x,2) & R (x,2) & Q=> => (x,2) E R n Q => Rn Q- Tpans Peoplere: Y(x,y) + RnQ=>(x,y) + R a (x,y) + Q => Piapolener (X,Y)& R & (X,K)& Q=X(X,X)& Polar (Y,Y)& Polar)

(y,y)& A(Y,Y)& Q=>(Y,Y)& Polar) => Qnp-peopress.

OTRE, RAQ-biguomerne Lact. nop.

19. (: Hexan (al) < ((1d) => cx &led.

(a,b), (c,d) & N (a,l,c,d eN).

Attrucum: Y(x,y) & (y, +) & RnQ => ((x,y) & (y, *) & P ((x,y) & (y, *) & P) & P ((x,y) & P) & P

20.1-1ppanion. R-giúcui; 4-pay. 1= RIQ; [1] = KONTCHYYM, 80 R-KONTURYYH; Q-312019; drugo 3 koutokyyny bunywith zwarmy those, To noty suich zaruw. commy 217[0,1] o rucha ao co... ax Harexado [0,1]. Togi npenia nerezati giveni queta: 60,61. 6 . Baran Bignobiguica: (ao, 60), (as, 63) ... (ak, 64) Our ai Ta bi privileozas _ +av) ilbalo to bignd dicktuline => Browno однозначка. 22. as, ar... ar i bi br. Brek, ruca ai ranex [0,3]; \$ 1... 8 1 (0,3). Back. Bigmb: (0,0), (6102)... (Beck-) 23. \$30 Pronyctino: f(A)=B(A). Togi (1,ay).

f(A)=A × B(A) = B(A) are A×pxA 1±px4); CHEST F(A) + B(A). 2) 7, Karropa: 1 A 1 < 1 B(A) 3 | f(A) = | A = => If con/ < | px m). 24.3f:[0,17-7R-Siekys 310,5)ma R. POSLIDHENO BON #(x)(x)+2 1x (04) => =>fcpro, 10g dr. e[0,1]: 9=f(x)=> => g(x0)=(f(8))(x0)+1. Ock. norgs. Pyrnyin sinchoroaps. 3 OSKIED TOTHED POSPUBY > KONTURYYM, TO horyxxxxx yux pyurxic give apryxxxxxx 25. 0) 103 0/03=107 8) 10,1003 (0 = 10,501) 6) QU (Q) = Q 2) (4 16431 15443= 104 8) puloy= 103 e) {q, 1033| 143 = {2033

26. A Pochabumo y lignostignion nymu. Hi gliurobiú bertop gol x. n: 'llis Gir... Rin), ge Gi= 1, exmore & A. 4 Giz o, evayo ai & Ac. Tosi rucao Pizuox gliciolex roponil golon n-30 2, τος;
2= 2 1/1 τοδίο |β(A) = 2 1/4 27. N= 81,2... 3 Z=90,1,-1,2,-2...3 Betaroby no bymbighioto tavon runon: MULLA 3 N Ta 2 He no brop possess. 29. a) lxyoA=B, to A~BV A=B=(0,1),009: (B(A))=1 R1, |B(A)|=(M>) => B(A)=(B)=> A~B. 8) A~B, 100 A=BX A=(0;1); B=(1,2) 709; B(1) = 121; (B(B))=1R1 170gi A~B, are A *B/(0,1)*(1,2) 30. A iB-3hi whi, 705 1 A= fa., 02...3; B= { 6, 6, 3. To si +x B= {(e, l), (e2, l)}. Parum Junom, MHONUHE REP SNITENIA MANNEY => AxB-Zaizenne (roxuit napi noxua noctebra