BRPUZHT 1 4 HAND HUMD NEMEN TRX

(2- getpansutbhandpednercubha 3a P.= 261, 62 y npunep magen e: A = < N; 2t; Pt > , 463eTS ft(n) = n+1 qt(n,m) + cx w n > m la-Brosbane qui cr Cey-12, 70 x 3,8= 2 2. 1(y)=1(2) 65- r e cepualta honsos. 30 P2= MUYe3, (en, 659: 

of (n,m) TOTK 1 > m.

Baryo DE P2?

3a C1: TPUBURNUD >C+1 >X 3a VDE e querpethu, to HRMR ect. leucho

nemay x+1 rix. 30800> e Tpousur. u uppe don.

30(18) KOTO CE ONDOGY CTOBO

X+1>y TOR WARZTR X>Z 4

2+1=4

2041 Fe WHEKINBHO.

3245: 8 N HRMR HAN-FORM ENRUPHI.

torku B eBKI PRBHUHR 3023) M=<X, py, ry>, 5 2-<p,5> 30 A+B! PM(ABC) CE AB 30 A 7 B C 7 D: (A B, C, D) (AB 1= | CD) a) (=(x,y) = HzHt(p(z,t,z) =>
p(z,t,y)) Usnonsisane cheur se Débuoct Uiperupoue orcerkuie koro 4-Ba or toyku.

or to exu.

5)  $8 \neq Cu$   $A \in BCu$  |BA| = |AC|.

(8)  $(x,y,z) \leq \tau (e = (y,z)) + (y,z,x) = (y,z) + (y$ 

B) A = By A = CyA > Dy & BAC = & CAD

ONOTOHORHO

OPONTO

OPON

(c)(x,y,2,t) = 7((x,y) 27((x,2) & 7(2,2) &  $\exists y'\exists z'\exists t' (p(x,y',y) & p(x,z',z) & p(x,t',z') & p(x,t',z') & r(x,u',t',z') & r(x,t',y',z') & r(x,y',x,t')).$ yourses of the house most of the state of th 3020) 6,862 + 4,842 + CTK. 6,862 +4, N 41842 F42 TOTE 24, 42, 74, 9 e HEVON. U 16, 62, 7423 e Hersn. (e, = 1 4x4y42 (7 r (x, z) 1 7 r (z, y) v r (x, y)) (2 H XXX4 (7p(x,4) vr(2,4)) 8  $(7)(x,y)\cup ((4,x))8$   $(7)(x,y)\cup 7((4,x))V$   $(7)(x,y)\cup 7((4,x))V$   $(7)(x,y)\cup 7((4,x))V$   $(7)(x,y)\cup 7((4,x))V$ 

74, H Vx y p(x, y) & fx 7 r(x, x) 41- AND HRIZ USDAUPSHU TOTKU TO pt Jorte people. \$ (5, p) 9\$ (5, x) 9 st) pExt H 24r \$ ((5, x) 9 cv (5, x) 9 cr) \$ (b(x's) 1/2(1/5))) (25 p (b,d) & p (c,d) & (p (b,e) v p (s,e))& (p(b,e)vp(c,e))  $4z - neigh(x) \cap neigh(y) \neq 0 \stackrel{1}{\longrightarrow}$  neigh(x) = 4eigh(y)Népso 20 ce ydegun, le mus concer 30002000 70, corepmoterno mye uscr: b) 618 62 F42 a) Hero A = CasCez. Hero A = 4274p(x,y). Hero a enpous u usdepeu concern barr pt(2, ba). No lez une vivors rt(a, ba) u rt(ba, a). Taro us er uge umane rA(a, a). à deune nouseannis, T.T. A = YXr(x,x)

b) Here I = (1862. Here a u bronpous. Hera \$ + 32(b(x,z)&p(y,z)[3/0,8/6]. Heva Core Cougeten, Te. p(a,co) upt(b,co). No & mane r\*(0,00) u r\*(0,0) u (b)(0) u rA((0,b). Heka d e npousbonus. Hera pt (a,d). Toraba no (2 rt(2,0) v rt(d,2). 0- (1 u rt(b, (0) u rt((0,0), u rt(a,d), more rt(b,d) 0, 6, u rt(d,a) u rt (a, co) u rt (co,b), mare rt(d,b). No 92 u nochequire gre more pt(bd)
Augnormens, ars

P(bd) 70 p(ad). denpoussonus, 7.5. A = 42(p(x, 2)2p(y,2))[44,4/6] auba hpous. Tora 4+ 42.

Cera une socke: a) 29, 9, 74, 9 e 4003n. b) 29, 92, 742 y e 4003n. a) D, 5{7r(x1,21),7r(21,41),r(x1,41)} D2 57p (x2,y2),7r(x2,y2),7r(y2,x2)}
D3 571p(x3,y3),r(x3,y3)}
D4 57p(x4,y4),r(y4,x4)}
D557p(x5,f(x5)) D6 3375(9,9) y MAH: (D) Do 4 Do ~> r(x5,f(x5)) (D) Do 4 Du ~> r(f(x6), x5)) 5) D\* u D, -> > > ( f(x), y, ), ((x), y)) 10 Dgu Dr ~> r(x,xx)Dro (5) Dou Do ~> @ 10°CH 2 KOTO PADO HU. Bourone rperfoctoblose to 41, hunabore 062 u cheq Tobe 61. Posnumere curo.

b) D, 5{7r(x1,21),7r(21,y1),r(x1,y1) 4 D2 = 3p (x2,y2),7r(x2,y2),7r(y2,x2)y
D3 = 17p(x4,y3),r(x3,y3)y
D4 = 17p(x4,y4),r(y4,x4)y D= 52p(bd)3 D==37p(b,e),7p(c,e)3 D==7p(b,e),p(c,e)3 MAGH: 1) D3 u D5 ~> r (b,d) D0 2) Du u D5 ~> r (d,b) D0 3) D6 u D3 ~> r (c,d) DM (5) Do u Du ~> r (d,c) PA2 5 DxuD2 ~~ (b,e), 7r(e,b), 7p(c,e) (6) Do u Da ~> 7 r(b, ZN),7 r(Z1,e),7 r(P,b), 7 p(c,e) Day (3) DIAN DO ~ 2 L(G'6) 2 L(G'P) 2 L(G'6) 2 L(G'6 3 DIGU DIONTI (d,e) 75(e,d) 710(c,e) Ar

(D) Dau Da ~> Tr(d,21),7r(z1,e),7r(e,d), Dis τρ(c,e)

M Dis u Diz ~ rr(c,e), rr(e,d), rp(c,e) (2) Dig u Di ~> 75(C,e),75(e,781),75(21,d), (3) D20 U D11~>7 T(C,e), 7 T(e,c), 7 p(c,e)

(19) D21 U D3~ 7p(C,e), 7 T(e,c), 7p(c,e)

(19) D22 U D4~>7p(C,e) D24

(17) D24 U D2~>7 T(b,e), 7 T(e,b) D25

(18) D1 U D25~>7 T(b,e), 7 T(e,b) D27

(19) D26 U D2~>7 T(d,e), 7 T(e,b) D27

(20) D24 U D1~>7 T(d,e), 7 T(e,b) D27

(21) D25 U D2~>7 T(d,e), 7 T(e,b) D27

(21) D25 U D2~>7 T(d,e), 7 T(e,b) (22) D23 U D1~> 7 (((e,b),7 (e,b))D29 (22) D23 U D1~> 7 (((e,b),7 (e,21),7 (21,b)) (23) D30 UD10-> > ((e)) > (e) ) > 1 (e, 21) > 1 (21, d) (25) D324 DM ~>75(c,e),75(e,c) D33

(26) D33 U D3~> p(Ge), Tr(e1C) D34 (26) D34 U D1~> p(Ge) D35 (36) Q5 U D23~> (26) D35 POBNUMETE CU PO.