MKP Nº 1. 10.11. , 2 M Cereorxo D. B. up.: Str C-11 Bapian Nº 18. 1) Trabusci: 8, c), f), g(, i), j), d), 8. 2) A = 40, 4 = 133 p(A)={10,12,33; 103, 113;33; Ø3 3) A=12,4,5,69 B= {4,6,7} B\A= 773 ANB= 64,63 A\B={2,5} AUB= 12,4,5,8,73 A VB={2,5,73 A) p (Anc) = p(A) np(c), ge p(x) - Syrecan (=) Kexas KEp(Anc) => XEANC => XEA & XEC=>
=> XEp(A) & XEp(C) => XEp(A) NB(C) (=) p(+) np(c) =p (+nc); Mexan x & p(A) p(c) => x < A & x < C => x < A n C=> =7x & B(AnC)

5) a) AU(AnB)=A: AU(ANB)=(AUA) (AUB) = A (AUB) = A (AUBZA) S(Ans) U(Ansnc) U(AnsnD) = Ans; ANBACZANB Trubianesno
ANBEANBAD Trubianesno (Ans) V(Ans) V(Ans) = Ans. 6) Dob, up se monere Cupazione V repez \ va 1 Nexas A=B + Ø 1 togi AUB=A + Ø A \ B= A \ A = Ø

ANB=A + Ø One, le manche bupajure onepauxiso Vrepeg \val. 7) N= 54, 2, 3,43 a) pogrekcerbui: R2, R5, R4; Danrypecprescubri: Ri; b) ne peopuercubri : R3; 2) amerijavani: R3, R5; g) aurucunerpoyui; R, Ra; c) re auterpurui: Ru; E) Makyerubni. Ks.

8) (A 1 B) × C = (A × C) \ (B × C) H(x,y) e (A113) × C <=> × E(A113) × y E(<=> EN XEAR XEBRYECEN (XEARYEC) & (X&B V y&C) = 7 x e A & y e C & (x e B z y e C) => => (my) = (AxC) & (v,y) + (BxC) => (my) + (AxC) (bxc) 9) Ri = R2 Q - gobineme bignom. H(x1y) e R10Q => Fz: (x,z) e R,& (z,y) e Q= => Fz: (x,z) eR2 & G,y) eQ =7(my) eR2 Q 10) R. o. R. - annerp. (R. R. - cum.) = - R. o. R. = R. o. R. 1) H(x,y) & R, oR2 => (x,2) & R, & (z,y) & R2 => => (my) eRaoRi; 2) H(x,y) & R, o R, => (x,y) & R, o R, => (y,x) & R, o R, => => R, OR2 - cureoff. RoRe-au Broke-ReoR.

5) a) AU(ANB)=A; 25) a 12) f = A × B - l. b. gol. fog = A × l - l. l. 150 2) ( + (a,c) e fog => FBEB: (a, B) efx(B, c) eg => 8 => (a, b) ef f = AxB b eB & XR (b,c) eg g = BxC bekgccC => = (a, b) e f & (b, c) e g = 7(a, c) e f o g. Orne, que + (a,c) & fog f (b,c), yo poorts 16 tog bejogn bujneveneso. 13) f EA × B - crop qualine = in = f-10 f 1 Hb e B Jack: (a, b) ef => (b, a) + f => => B = f = o f. 2) B = ftof = +beB = a: (b, a) = ft = 7 = Tc: (a, c) = f= =>46EBJC: (a,c) et. he 14) A=la, b,c,d,e3 B= {1,2,3,4,5} a) gyrkyiopaleoni (+x F. y); C1, C2, C5; 18 8) Barogu Bergresoreni ( +x EA Fy & B); C5, C1, C4; 6) cropierousia (tyek ExeA); Co, C1, C4; 1) in cicrulai ( ty J. x); C5, C1; g) Eleverabrie propieraje + ( Herryine); C, C,

15 R- B. exc. DKIJER, SEXJENIGJE + OI B = EXJE = EYJR 8 Il: letxIk & be EyIk => Ib: xkb xykl => xkb x kb xykl => xkb x kb xykl => xkb x ykl => xkb xykl => xkb x ykl => xkb x ykl => xkb x kb xykl => xkb x xkb xykl => xkb x xkb xykl => xk AHB: be Ex Ix: xRb&ykb=> xRb&BRy=> xRy => [x]k = [y]k 16) A= {a, b, c, d} Mexañ a, 6 - minimeraleni arementer, a even. d-reaccemeanterent, voji vacnes rakun reactiobuin uspegore: {(a,c), (a,d), (b,c), (b,d), (c,d), (a,a), (b,b), (c,c), (d,d)} defor a i b-useinanoni de A (v.y), ge x de yne a ce So b, (x,y) brogers b ligrour. d-waxcuverieur, So \$ (x,y), ge x aso y-red, (x,y) brogues l'ognamenter 18) flexair R & Q - r. n. 12 envoue. A Lob, yo RAQ-7. u. pe ver. A 1) + (x,y) = RnQ => (x,y) + R & (x,y) + Q => (x,x) + Re (x,x) EQ =7(x,x) + Q1Q - pegneex cubpe

2) Y(x,y) ell 1 Q & (y,x) ER 1 Q => (x,y) ell & (x,y) EQ & (y,x) ER & (y,x) EQ Ranouencerp. and, RAQ - avois conserpourse. 3) H(x,y) eR nQ & (y,x) eR nQ = (x,y) eR (x,y) eQ & (y,z) eR & (y,z) eQ = (x,z) eR & (x,z) eQ => 2 => (x,z) CRAQ ame, RAQ-Tpoupoubree. RAQ-reaction repegor re A receptioner til & pequer culsure , and and province & spanjurely, 19) +: N -> V2 (x1 y1) R(x2 1/2) = f(x1, y1) = f(x2 1/2) 20) I- vontungque, rogi J=R/Q, ge R-voner., Q-juir. S koncroso Korouseyyey moncro bungaere quir eye. Magnewicto resoneul spacetokaresnex rucce gapilyon 21) Plexant beggigg LO, 1] nameneare vorge a, a, a, a, ak; a mperin - gineni rucce bo, b, ... bk. Maranobenno bignobiguios (as, bo), (a, B), ..., (ak, bk) - Lokylie

的自己了自己的第二十一次 2) 10, 10/33 | 18033 = 103; 310,2033 V=101033; 3) Ø V 203=103; 8\$0103=Ø; e) 10, 2033 \ 103=15083. 27) N- vary pausi, N=21,2,3,...3 , I- vivi , I = 2 ... - 2, -1, 0, 1, 2, ... 3 z=(-1)n. [ 1] 22) of the series anazoman i buby ..., lokethe 0 \$ # \$ Mucie a, azi, ax & [al], a b1, b2, -, bx ∈(0, e), rogi [0,1]-an, a (0, e)-bn. lexait 0 -> 2, rogi an = 2h, bu = 2h+2. Cabaneo konescary evenesory of EO, CI y Esqualique ora energe of (0,1). Use masino Exerciso. 29) a) Treyo A=B, to A aB - npalmetine A=B, vary wasur A~A Jugo A VB, TO A=B-Ke upabulone Rexai A=81,3,53 JARB, aue A+B.

30) A. B. - guireenni ; Dob. 140 AxM-prirenne A=2a,az,..,an,...3 i B=26,62,...,6n,...3 Ax13=1(a,b), (a2, b1), .... } (a, b) (a, b2) ... (a, bn) -(a2, b) (a2, b2) ... (a2, bu) (an, b) (an, b2) .... (an, bu). 86) a) (A h) VB = A Murcony other veryo BEA Avyo BEA, TO bei evere. B E ey. A, Taxener runou (AM) UB=A. 8) A \ h=13. 23) (A) + B(A) - gologius big cynpositions Mpuniperaleur, un f (A) = p(A), rogi f(A) = A x /S(A) = /S(A), ane Axp(A) + p(A) racy f(A) + p(A). 2) Delegeno If (A) < [B(A)]. [A| < | s(A) |, | f(A) = | f(A) | < | s(A) |

49) R-b.e., ROR=R. (a, c) eR. Blogar Roksk. 2) (a,c) ER = a=c = 7 (a, b) ER & (b, c) ek = 7 (a, c) ER& Theren, REROR Gree, ROR=R. 47) HR1R2 => (R10R2) = R10R1 Hack (Roke)=> JB: (c, Bek, & (b, a) el => => (a, B) &R2 & (B, C) &R => (a, c) &R2 0 R1. ance (RoR2) = RJOR1.