I particular A X (P(A) 13.10 2022 Jenino 2 Relatin Omultime et un taiplet L=(A,B, S) A, B = multime (+ 16) BEAXB = {(10,6) | DEA, bEB Obendie f= (A, B, T) este o relatie (2 fre A 2 B) ou perte co Y e EA; 7. lo EB/2. R. (e, b) E/2 The = reclicul hundries of Notetie f: A > B. Ye -> 3/2 (re) Compurere relatives 2 = (A,B,P), B=(B,C,P) Bod= Bod= (A, C, p'op=2(e,c)) 7 lo EB RR. (0, b) eB, (b, c) & p) Notatie: $(a,b) \in P \rightarrow p b$ $(a,b) \notin P \rightarrow p b$ IEX. 1) Y L E (A, B, P), B = (B, C, Z) 87 (C,D,E) 2) DA= T. (0, 10) 1 10 CA T ON 1 A= (A, A) U. 1A = L 1 4 2 = CA, B, P)

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1B. L=L
EX A= 12,4,6,8), B=21,3,5,9)
   J= 7 (x,y) 12026 V 7 E 1
  = { (9(17) | 4 < {6,8} \ \ y = 1 ]
= \frac{2}{(6,1)}, (6,3), (6,5), (6,4), (8,1), (8,3), (8,5), (8,7), (2,1), (4,1)
Ex A=B=IV
  p = \{(3,5), (5,3), (3,3), (5,5)\}
  \sigma = \langle (x, y) | x \leq y \rangle \subseteq N \times N
  Y = Z(X_1 J) J - \chi = 12) \subseteq N \times N
 po√= / (a,c)/e∈N, &∈N, (3)&∈Na?
(re, b-) € \(\bar{V}, (b, \c) \(\forall \beta\)
90\sqrt{3} = \{(0,6) \mid e \leq b(b,de,\{(3,5),5,3),(3,3),(3,3),(5,5)\} = \{(0,5),(1,7),(2,5),(3,5),(0,3),(1,3),(5,5)\}
 (2,3), (3,3), (4,3), (5,3), (4,5), (5,5)
VOP= (α,τ) | re∈N, R∈N, (3) b∈ Nox
(re, b) ∈β, (b, c) ∈ V) = (α, c) (a) be ?.
= \{(3, c) | c \ge 5\} \cup \{(3,3), (3,4)\}
<(5, c), c≥3}
poy= {(a, c) | a & N, C & N, B) & & Na ?.
(10,6) ES, (b, 1) E5)
       =>(0, c) = b-0=12 ~ (h, c) Ep)
 Top= ((o,c) | RENICEN (3) & GINR. A.
   (a,b) EP, (b,e) E& >= {(a,c) = bor. (p,b)
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$$\begin{array}{l} & \text{C-} k = 12 \\ & = \{(3, 14), (5, 14), (3, 15), (5, 15)\} \\ & \text{Del.} \quad \mathcal{L}^{-1} = (B, A, g^{-1}) \text{ ron } g^{-1} = \{(l_{0}, e_{0})\} \\ & \text{pre}_{g}, \forall_{n} \in \mathcal{U} \\ & \text{To} g \\ & \text{EJ} \quad g = \{(2e, 3k)|_{n, k} \in \mathcal{U}\} \\ & \text{pre}_{g} = \{(2e, 3k)|_{n, k} \in \mathcal{U}\} \\ & \text{pre}_{g} = \{(2e, 3k)|_{n, k} \in \mathcal{U}\} \\ & \text{pre}_{g} = \{(2e, 3k)|_{n, k} \in \mathcal{U}\} \\ & \text{pre}_{g} = \{(2e, 3k)|_{n, k} \in \mathcal{U}, a, \lambda, (3k, 2) \in g \\ & = \{(2e, 3k)|_{n} \in \mathcal{U} \neq 1, k \in \mathcal{U}\} \\ & = \{(2e, 3k)|_{n} \in \mathcal{U} \neq 1, k \in \mathcal{U}\} \\ & = \{(3e, 2)|_{n} \in \mathcal{U} \neq 1, k \in \mathcal{U}\} \\ & = \{(3e, 2k)|_{n, k} \in \mathcal{U}\} \\ & \text{pre}_{g} = \{(x, 7)|_{n} \notin \mathcal{U} \in \mathcal{U}, (x, 7) \in g^{-1}, (x, 7) \in g^{-1}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-1}\} \\ & = \{(3e, 2k)|_{n} \in \mathcal{U}, (x, 7) \in g^{-$$

EX) p= ? (a, re-13) | a ∈ Z) pop= (x, 2) | x, 2 ∈ Z, 3 y ∈ Z/o? (x,x) =0, (x,2) = {(36,2)] = x 0.2. 7=x+3/2=7+3)=2(x,x+6)(x < 2) P(-)-9= - (0,0+3~) | Q EZJ, YN* = {(0, e-3)/ e = Z) Y- EM+ =) p==={(R, R-3n)/REZ), $p^{n} = J(R, R+3n), n \in \mathbb{N}^{+}$ $(R, R-3n), n \in \mathbb{N}^{+}$ 1/21, 2=0 $P(\sim) \rightarrow P(\sim 71)$ 9"-9={(0,2) | re,ct], 3 b o h. (p, le) & p \ (le, c) & p^2) = ? (e,e) [] bro. 2. A = 3 = br 1 b-+32=e] $= \left\{ (p, b+3n) \mid p, b \in \mathcal{U} \right\} = \left\{ p, p+3(n+1) \right\}$ 22 = g 9-1=2(re+3,re)[re+2]=2(re,re-3)[re+2] p- = { (10,0-3m) | 2+21) , their 9 Up-1= 7 (2,6) | 3=1 0=6) = 2XZ es. (8 V 9 -1) ~