Mena La pergreper ezur Toraba (∃p≥1) (ATEL' 171=1)1 (7x,y,7 e 2*, xyz = d, |xy| < p, |y| ≥ 1) (tie IN)[xy'zeL] Muyugus: Monarane p= |B| 4 | L| = p => heuse vocas rue ce nobrage nou oposybanero na gynara => uname yukon la abtomata MOHIER ga nobrapare Tozu yeurs =) xy'Z EL hourpanozujue na remara za novarba-Auo e uzrosnuero, ce (FLEL, 161 = P) (FLEL, 161 = P) l∃ieŇ)[xy'z¢L]

Neva za novarbavero

[DOGATETIO y crobbe 30 répétyréproct] Bug. Da ce gou, le L= {au eu | n e M } ne e per yrepen Peu: "Urpaen urpa" cpeugy renata, nave peg e na ubantopa of Uzdupane gynata d: Neua L= aPBP = Xyz 1xy12p => xy=0, k=p Toraba y= as, SEK Toraba xy2z = ap+565 & L => L ve e per 3ag. L= { a 6 m | n < 3 m } Yeur: Neur L= 3P6P+1 Toraba d=xyz, |xy| \(p \) xy = ah \(x \in p \) |y|≥1 => y=05 5 € K Toraba xy42 = A3p+356p+1 u h=3p+35, m=p+1, 3p+35<3p+34

to L ne e perymper

30g. L- & a " & m | n f m 3 Veux L = apribp 1xy1=p u |y1≥4=2 y=a5, xy2 z? le padotu pl - ygoden "Trun" ga noctur kem Herako noku pet no rucho Y = ap & bab! y = as xy'z= 0 6 PFP! (i-1) S = p! => i=p! +1 xy =112 = ap+p! &p+= # L => Lue e per.

3ag. Numer 2022 > Bepro m e, Te 3q bour ezun LEE* e uzn: Aus L ne e perymapen, to L' L'= & U E Z* | (∃V E Z*) (U.UE L) } We e pergrepen? Peur. PazcroHaabame bopky repergnap-nute ezuyu, vouro znaem repergnapno propose ubstante ne ce peryrepur Leg? Merobute ripedounce la npousbo. 1m gyme or {a, b3* (L'eq = = x*) => L' welpergrepen => he e bepro 30g. K1 2021 L27W3u62*: W= Ulus L2 gourzbane, re ne e per...

NU 2021 Bag. Dou, Te L= \{a^n b^m c k | n > m ano k-ne z u n > 2 m, ano k e Tetro } L= 4 0 6 m c l | 1 902=1=> N> m & W%2=0=> N>2m} P1 9,1 P2 9,2 (P,=) q,1) & (P2=) q2) = (7p, vq) & (7p2 vq2) [= {a"B"c" (p, & 79,1) V (p2 V 79,2)} I= L1 UL2 21 22 L1 = 2948mc4 | 12902 = 18 4> m3 L2 = 2046mc4 | 12902 = 08 4> 2m3 30 Tezu zuaem, le zanazbat parymep-hoci Tezu zhaem, le ve L1=L'1 \\ > goctatorno e ga
govallem reperyreproct
30 Hero Bag. V.1 2023, Per Me? Aux L per: Ord(L) = {0,02.. an 6,62.. bn last...anbich} Topeen nostpanpunep: 2 = {(a.b) }}

TBJ 3a boun per esun L'esunute Pref(L), Suff(L), Phfix(L) vous ca abtomation D-60: Pref: J) $\pm \langle \Xi \rangle$ Q S J $\pm \rangle$ - Obtomat 39 L gupentho geolourupane alotomata taxel, te ga una tret ot taxel ot Toraba za Apref < Z, Q S, J, Q>: L(Apref)=Pref(L) J) λ L 2, Q, S, δ, F>-abronar 3a L'2' the formation of q go f f = q = q f = QToraba: $\beta \in Pref(L) = (\exists n \in S^*)(\beta n \in L) = >$ $= > (\exists n \in S^*)(\delta^*(S, \beta n) \in F)$ $= > (\exists n \in S^*)(\delta^*(S, \beta), n) \in F)$ (=) 5+(5,B) EF (=) BE L(+1)

Suff: FTI-NOT OT S go gazenoto SI= { 5 * (5, B) | B = E * } A' LE, Q, Si, d, F) ne Suff(L) (=> (33 = 2 =) (3 h = L) E)(3B E E*)(5*(5,Bp) E F) €> (∃q ∈ S1)(δ*(q, h)∈ F) (=> he L((2, Q, q, d, F>) Infix(L)= Pref (Suff(L)) 30g. Veux L-p.e., ga ce gou, le lizst/hdEL3 e p.e. Dego. $L(q_1,q_2) = \{d \in \mathbb{Z}^* \mid \delta^*(q_1,d) = q_2\}$ Usnonzbone no cneguus vozux: LC L1/2 (=) una vocaodine PEQ T, Te LELIS, P) & LELIP, f), FEF

"ezugute", nouto ce geno vocaosime go pupat