3)A: foulz O((9+8)9) 48,0 B: f(4) = 0((9+ E))7) DEXO A(=) B VE20: 3C: 4800 JV: V47N: f(4)< BET V 820 - 3000 Card Con Cardon C C(4+8)7 B(=) VE20: lin fini 20 4870; 4870: JN: 447N: f(4) (8 (7+8) 0 => 0 zalitzin, 55 B=) A -A=)B? VEro: 3CM. VurNi fem) (C (4E)

609 y c = 0 (109 19 4). 609 4 = 609 4 h. 609 14 9 705 70 609,4 h = C. 609,4 609 y 4 = 0 (609 14 4) V Mexay ocacb. lim (4+9) = lim (4+9) = = 1-700 (4+8) == 7+9 C7. 49,6: 069667 (4+a) = o((4+8)4) fa120((4+8)9) VED =)

=> f(m) = O((4+ 8 14) (4+ =)"= o ((7+ E) 4) => fenie O(o(4+8)4) = o((4+8)4) 3) L2 = 34, 42 / 3x: 4, 942=1/8 and of O - XOR. MLE(4, 42) = M, (4, 1) M, = MSAT MSAT (4) = M42 (4,0). Tedro Sarra SAT & Lz. Mr.(n). L2 ENPC, PSAT, 7000 =) Lz & P. 1076 L2 & CONP 10 LZENP, EXP , PSPALE

TO KATE LI (m+2 m) - Pach 3 747 JEMO (10) 42m 3447 tuo (11) m 1 Jm. (n+zun)) horarmy proue 30 motors 3 or motors of onone (11). (gla dreum (10)) 3 rusy eno (00) a lagantemo no è curlera 0(n-(n)). 3 noverier proma 3a noten dron (00). (40 drong 10). 10270 / Cy) = 0 (4+2m+ m(4+2m)+42) 10870 LIEP, PSPACE => LIENP, CONP, REP EXP , PSAT.

9 L12 3 KM7 1 FIG > EELCAJUUM14 Hainpalge L, = ALL 4500 moby lupinge MT, Rua roleprat gace ra leix Tedro, Li-lupinnsfaria, penypulmo 31/2 reman ra mapenypulmo 31/2 remaa, mapenypulmo (vour une zaliegn notte ludpara ogeny Egenny M, up yminae rune E). L, = { CM7 | M(E)=1. 1 M(111) +1 }. Heran L2 - Repenypoulus 3 mirenac.
Testo FTM M1: M2(M)= 17 M(m)=17 M(m)=1 5 ygytmo M, m: M, m(m) 2/M(m), w+1111

9 ace, w=111 Bup; uye 39gary HALTE

HALTE - me 17po74p2 447. po32349 € 76 07. M= (M) = { 1, M(E) # 1 V M(III)=1 T00 40 Apret Mexan De In - penypuluo Barens M1, m (m) = /m(m), m = 111 Tady 70070 ML2 (M7,M) 2 / 1, Oflermist M34m) z M(w.111) Heran Mzm(E) = M(111).

muse M1. (M2,M) (111) = 1 3) =) M2, m (111) = 1 => 2) M(E)=1 1)=1: Tooto M3 luprunge segery HALTE "EXN" Mergin In. Tedro, Lz-re RE, re RE Jun Dilone, me R