9(9丁(六)+テントの= 92丁(六)+37+の 4(9++(=)+n+=)+n=9+(==)+9n+3n+n の(のいない)ナ(い)ナルー(の) T(n) = 9"T(m) + a 1-5 =94十分十十二 = 9 (3/5) T (3/5) + N-3/-2 = 9653(2)+(-n)+ 2-2 Assuing TCn1=0(n+) T(n) & an 2 Bage: n=1 T(a): 97 (7)+n = 9[a(3)2) m 7(1)=9[a(+)+)++=0(1)=0(n+)=0(1)/ mul T(n)= 9[a(3)+)+n=9[a(4))+kH

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	G2-2)
	~ = \\ \partial \q
	10" N=1; 10 N=1000; 10" = 1×101000 1×10 10000000
	3
	אין ארן ארן ארט אין ניינין ליינין ארן ארן ארט ארן
	who with the mines; who was
	25652 m1; 0 mw; 2565, w = 1000 = 1000
	5m r=1;5x r=100;5200 = ~45 ~1400
	n^{25} $n=1;1$ $n=10; \omega \omega^{2.5} = ~3 \times \omega^{7}$ ~ $1 \times \omega^{15}$
	To check four, me 1, me 1000, + me 1,000, were more more more to
	To check gour, not, no 1000, + no 1,000, ou were reputed note the equations and the outputs were observed. The more the untput mereors with processing in, the more forum.
	Smullest gour rute - > 65057 6000 rute
	25 (m), w, (n), 57n, n ^{2.5} , w, n ⁿ
>	
5	





a) logon = u, tore = o(n), so each subjust takes o(ut) # of sublishs = to, so Total Tome = to x o(u) b) tem=u, # sushin = &, so work at each lead= o(n) # s+ lovels=o(hz, (2)), so 7sh Tonc= [o(n hz, (2)) e) O(nly, (n)) = o(nk+ nlos, (-2)) (mingel at the feet to the things of the nu+nlos, (=) = nh+ nlog_(n) - nlog_(m) TOTAL FOR A TERMINATION LENGTH SA 1. 20 10 h The= was(n): n bog (n) + nlog (n) - nlog (los un) = 2n logy (n) - nlogy (logy (n)) O(2nlos=(n)-nlos=(los=(n)) 4ms>(n) 1 = log_ (n) = O(nly, cn) TEAD = 61 (4) +4 = 6104 (4) TA 700)=0[a(f)) +1 =000) =000) =000 Thurs T(n)= 9[a(7)) = n= (4(7))] = n=1 (- M) O = 1-M-1 [- (42) 10) come of the

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