b) log x=3 c) log x/q=2 1) 9 109 1/3 27 = 26 53 = x x2 = /9 n = 125/ 2 = (25) 829 (33) st (3)-x=33 28 - 3ª 12 = Ja 2 = 3// K 2 /a/ b) log = 0 2= /3 3° = & 20-1/ 2) a) log, 1000 b) log, 50 c) log, d-1000)
= 1.6989// Syntax error: 28// 3) Solve for a 9) 109, 459 = 72 b) 109, 625 = x 625252 34 = 8 M 94 = 92 2=4// 如之处 n=0.25/

4) 1092 = 0.3010
1093 = 0.4771
1035 = 0.6990

1097.8 = 1092 + 1093 + 1095 = 0.3010 + 0.4771 + 0.6990 = 0.1505 + 0.23855+0.6990

1057.5 = 1.08803/

5) a) 16=24 b) 16=2442 c) 27=33 1092 16=4/1 1094 16=2/1 1093 27=3/1

d) 134.8962102.18 e) 8.414867 e e2 18 109,0 134.896=2.13/ 109e 8.414867=2.13/

b)1) 1093 22 y2 11) 1092 & x2+1 = 10gg 22+ 10gg y2 10gg x2+1 - 10g [2] = 2 log3 x + 2 log3 y 2 log2 (x+1)- 10 2 log3

iii) log_2-log_4+log_4-log_4 109,2-109,4+2109,4-109,4

1094-31098=1095 11) 109, 4=2 y=62 109 y-10983 = 1095 y = 36/ 105 (3) = 105 5 4 2 5 y = 5× 83 y 2 5 x 2 3 3 5=10// 109216 =-4 16 = 24/ 4 1094 64 = 4 103 464=21 = 4 64=42 = 4 43=42 = 4 43=42 103, (4n+10) = log_3(n+1) LOS (4n+10) = LOS, (n+1) UNX10 = NX1 De = -9 N= -3//