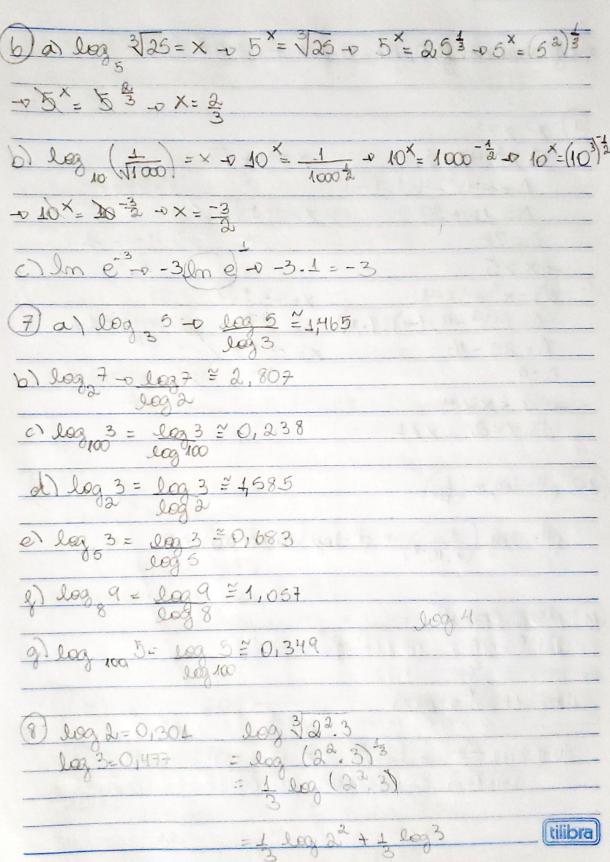
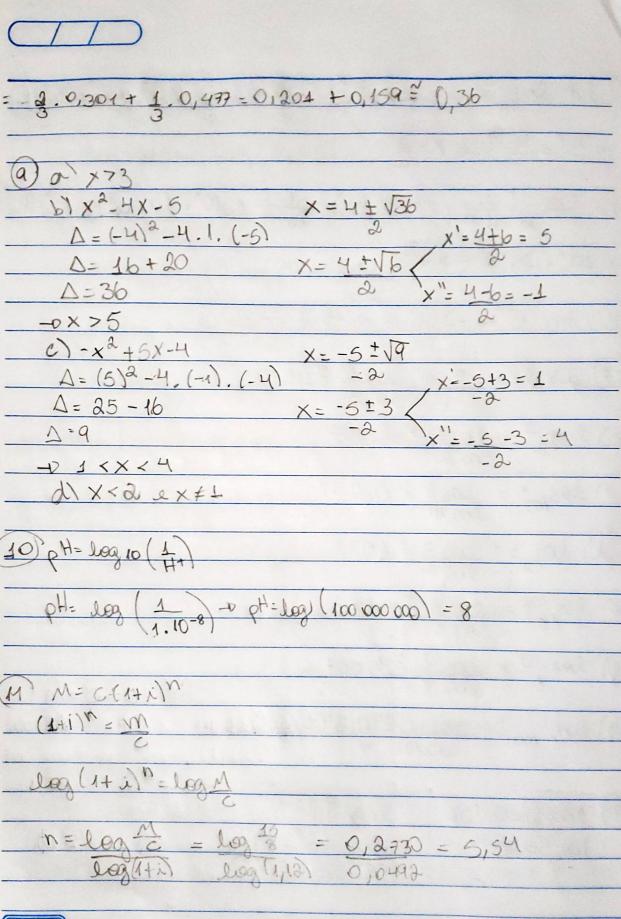


4) a) log ( a = > = x = log (a2) - (log (65 3C) = 2 log a - (log 65 + log 3/C) = 2 leg a - (5 leg to + leg c 3 = 2 leg a - (5 leg b + 1 leg c) = 2 log a - 5 log b - 1 log c b) log (ab3) v log ((ab3) 2) = 1 log (ab3) = 1 (log (ab3) log(2)) = 1 (log a + log (b3) - log (c2)) = 1 (lega + 3 legb - 2 legc) = 1 log a + 3 log b - allog c 5) a) 5 leg = 8 b) 7 egg = 9 0) e Sm3: 3

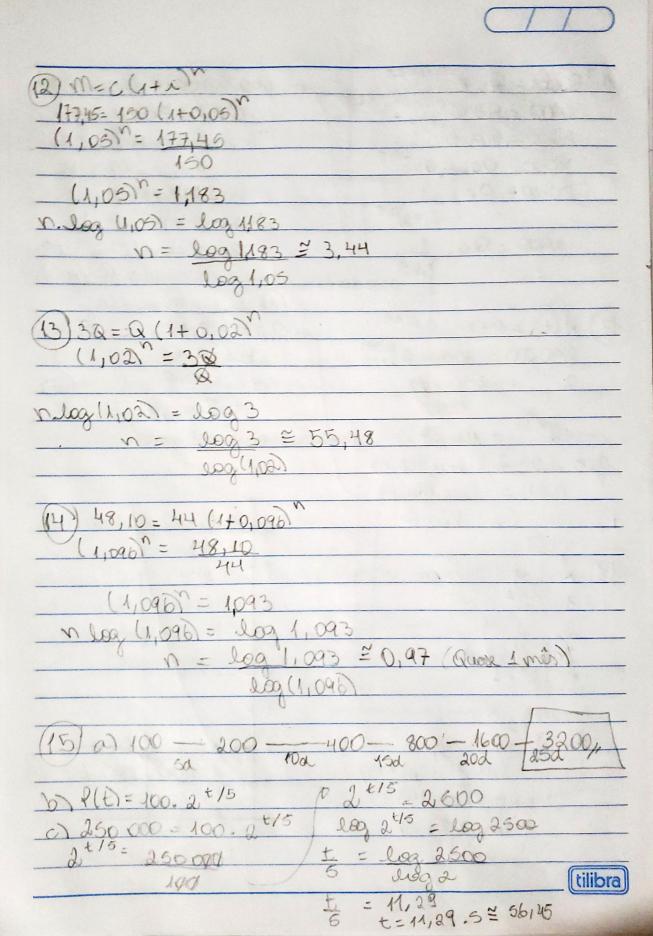
(tilibra)

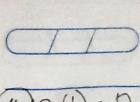






tilibra





tilibra

16)Q(t)= Qoe-0,0001t	~ 1,65.2000 = Qo
16) Q (C) = Q0 e -0,0001.5000 / 2000 = Q0 e -0,5	00=3300
2000 = Qo.e -0,5	
2000 = 20.2,72-0,5	
2000- 00.11	
2,720,5	
2000 = Qo. 1	
(165)	anta.
- www.	100 1000
17) N(t) = 1500. 20, 2t	00,2t = 7,38
250 000 = 1500 · 2012t	t = 7,38
2 0,2 = 250 ods	0,2
1500	€= 36,3
20,2t = 166,67	
92t log 2 = log 166,67	
0,2t = log 166,67	F
log 2	9
y=2x	
18/2/4	1 - /
1 22=2	6
2 2=4	
3 23=8	
0 90=7	11
4 = 10g X	3-/:
× 1 0	2 3
1 leg 1 = leg 1 = 0	Toyl - I
2 log 2=1 log	
3 \ 100 3 = 1.69	1 2 3

