name: Leanardo Vistori Ribbiro Rego 718104-3

1)a) SdR = [2.358,96 -]2.756,7t + 15.1	456,41.00
R= 1.358,96 1 1- 72.756,78 1 H+ 15.456,41 5	et dt
(= 2,358,96. ln(t) - 17.756,76. 1 +15.456,42.	e-t+C
16 R=2358. lm (9)-12.756,78. 1 +15.456,42e	- on + 556.00
= 5.183, 2 - 1.417,42 - 1,907 +556.000	
R=3.763,873+556.000	
R= 559.763,873	*
	4 ==
	dia
	300



) (2)	
dP = 3000	
at 1+0,25 t	
$\frac{1}{900} = \frac{3000}{1+925}$	
V=1+0,05t	b= 3060 gm = 1300 gm
du = 0,25 dt	0 6132
P=12000 lm V+	
P= 12000. ln[1	+ 0 125t) FC
P = 12000. ln (=	1+0,25 t) + 1000
21b) p=7716	
2) c) 12000 = 1200	o lm (1+0,25t)+1000
11900 = 1) 20	ee ln (1+0,25t)
In (1+0,25t) = 1	1
e 1/12 = 1+0,25t	
2,5 = 1+ 0,25t ->=	
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