1	(a)	Com bore no	o enunuado	oblemes	a curvo
		y-aebx e			

	V	· y	Primeromente a fim de agustos a
	3	3,2	Curva dada é preciso realizar o
1	4	4,5	processo de lineanzago:
2	5	6,5	
	6	9,2	ln(y) = ln(a) + bx
	7	14.2	

A COLOR TO A CANADA	A THE PARTY OF THE	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
g(x)=1	92(x) = X	ln(y)
J 1	3	1, 1632
4	4	1,5476
1	5	1,8718
	6	2,2192
1 1 2 4	7	2,6532
	g(x)=1	$g_{1}(x)=1$ $g_{2}(x)=x$ 1 1 1 5 1 6 1 7

		2	4 4	CA.		
	1.5	e in the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	0 1	
		91	92	£.	-ln(y)	
				_		l
	91	5	25	-	9,4550	
		25	135	=	- /	ı
_	-42	020	100	5	50,9266	
	U		the later of	11 10 3	te de la constant de	

$$25 \left(9,4550 - 2502 \right) + 13502 = 50,9266$$

Portanto $a_1 = (9,4550 - 2502)/5$ 191 = 0,0651

 $Q_1 = l_n(a) = 0.0651 - 1a = 1.06721$ $Q_2 = 1b = 0.36521$

y = 1,0672 e

b) A fim de obter x horas door 200 bactérias por unidade de volum, viromos a resposta obtido no itom a

=> 200 = 1,0672 e $e^{,3652 \times} = 187,463$ $0,3652 \times = (n(187,4063))$ $1 \times = 14,33 h$