

$$(9) + (g(i)) = 5$$

(d) 
$$g(g(1)) = 3$$

(e) 
$$(g \circ f)(3) = 1$$

18) Find exponential function 
$$f(x)=c-a^{x}$$
passing through (0,2) and (2,2/9)

$$f(0)=2,50$$
  $Z=C$ 

$$f(2)=\frac{2}{9},50$$
  $\frac{2}{9}=2\cdot 9^{2}$ 

$$\frac{1}{9}=0$$

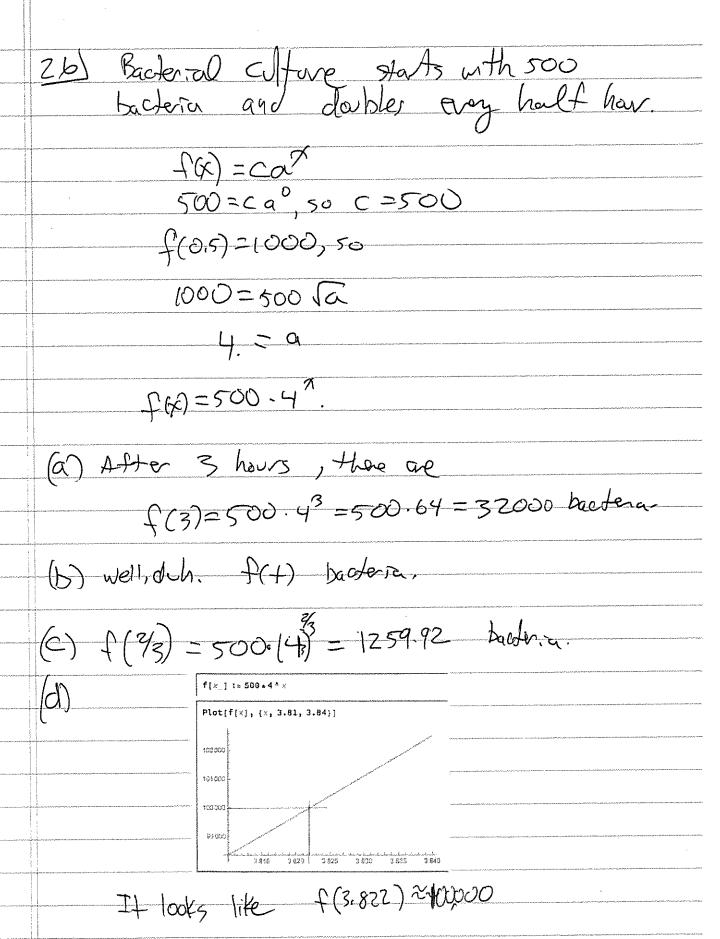
$$\frac{1}{9}=0$$

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$$\frac{19 \operatorname{J} \operatorname{J} f(x) = 5^{x}, \quad \text{show} \quad \text{High}}{f(x+h)-f(x)} = 5^{x} \left(\frac{5^{h}-1}{h}\right).$$

$$\frac{f(x+h)-f(x)}{h}=\frac{5^{x+h}-5^{x}}{h}=\frac{5^{x}\left(\frac{5^{h}-1}{h}\right)}{h}.$$



$$y = \frac{e^{x}}{1 + 2e^{x}}$$

$$X = \frac{e^{y}}{1+2e^{y}}$$

$$6A = \frac{3x-1}{-x}$$

$$5x6A-6A = -x$$

$$e^{y} = \frac{2x-1}{2x-1}$$

$$l_n(a+b) + l_n(a-b) - 2 l_n c = l_n(\frac{a^2-b^2}{c^2})$$