

NO.	
DATE	
2.(6)	3(6) F(x)= (1/(x) (sin(4t2)) dt
2. (b) 3 Sy (   x = 9x - 90   ) dx	
= [1/3 x3+ 2x-90x]]4	= $\int_0^{\ln(\omega)} (\sin(4t^2)) dt - \int_0^{\omega} (\sin(4t^2)) dt$
$= \frac{1}{3}(\eta)^3 + \frac{9}{2}(\eta)^3 - 90(\eta) - \frac{1}{3}(\eta)^3 - \frac{9}{2}(\eta)^2 + 90(\eta)$	Fig. of (In(a)(=)(u+1)))+ d (e)(u))))
= 93 + 1985 -210	
= 93 + 7985 -210 =   -28.5	= The (sin (ut2)) It day do (or (ut2)) It do
(c) (2t (f(v))) x, when f(x) = { 1 - e^{ix_1}, x 60	= sin(4(2hx)2) x - sin(4e2x). ex
(4(5(11),120	#
(1-e) dx (4x(0s(2x2)) d-	×
$= \left(\frac{e^{2x}}{x-z}\right)^{0} = \left(\frac{\sinh(2x^{2})}{2}\right)^{2\pi}$	
$=\frac{1}{2}=(-1-\frac{1}{2e^{2}})=0$	
= = + = = A = = + = = #	
3,(a) F(x)= (cos(n) ( sign(t)+4 )dt	
= \( \left( \frac{1}{3} \sin(t) + \frac{1}{4} \right) \d\tau - \left( \frac{1}{3} \sin(t) + \frac{1}{4} \right) \d\tau \tau \tau \tau \tau \tau \tau \tau	
- ) o ( ) sin(t) + y / dt - ) o ( ) sin(t) + + / Ut	
$F'(x) = \frac{d}{dx} \int_{0}^{\cos(x)} \left( \sqrt{3} \sin(t) + 4 \right) dt - \frac{d}{dx} \int_{0}^{x} \left( \sqrt{3} \sinh(t) + 4 \right) dt$	
[]	
= d (cota) ( J3514(+)++) dt da	J35/n/x)+4
= \Jsin(cos(x))+4 = (-sin(x))- \Jsin(x)+4	
- Josin (isco) ++ Sint y Assistant	