Disporte RV L fewtrm the Expl -> Bused on the Continuous KVs eg:- Kundowly Select a real number Stace of X + 2nd Edition Oution Assig a value Duration of a call? Mass of an apple.) 七人だられ possibilities infinitely infinite no of Continuous

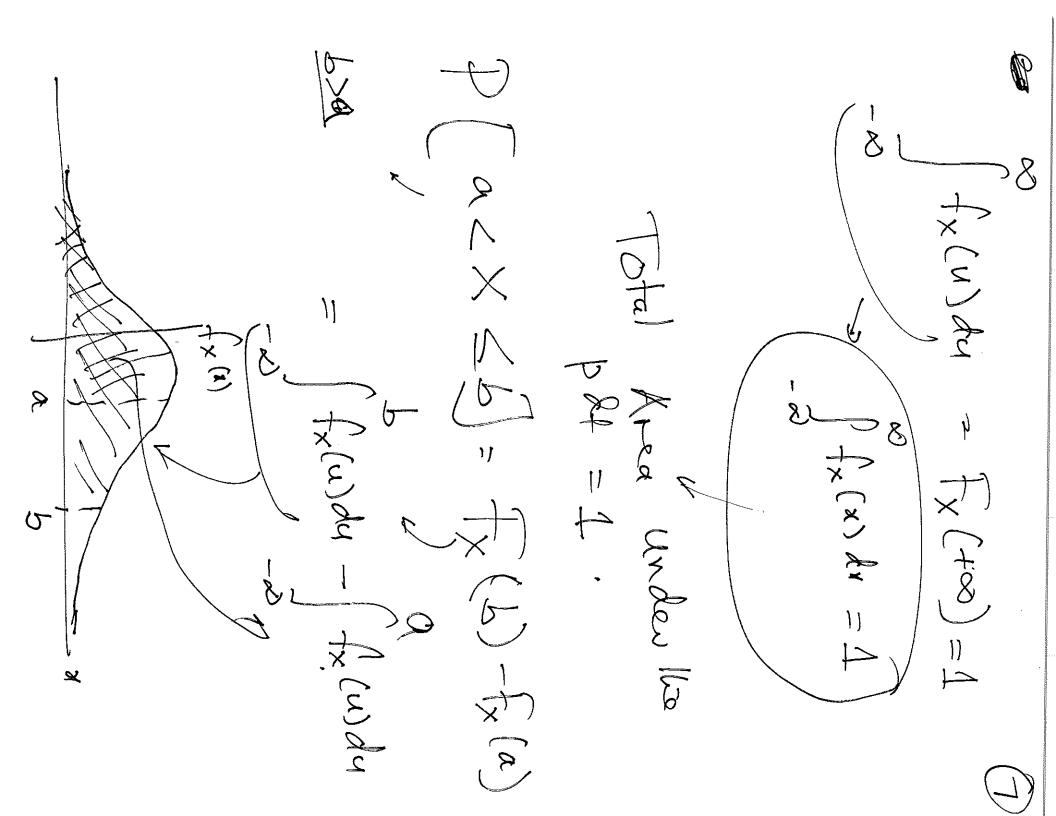
Kecall: べて take any real value beti V' when X N'N Continuous (E) ) (x = x) Confinance is disart 人に (an use tx(x) with Same prob. RV, that can : Height ->0 is not really is Confinuous P[x < x] (x)08 10 mo, of

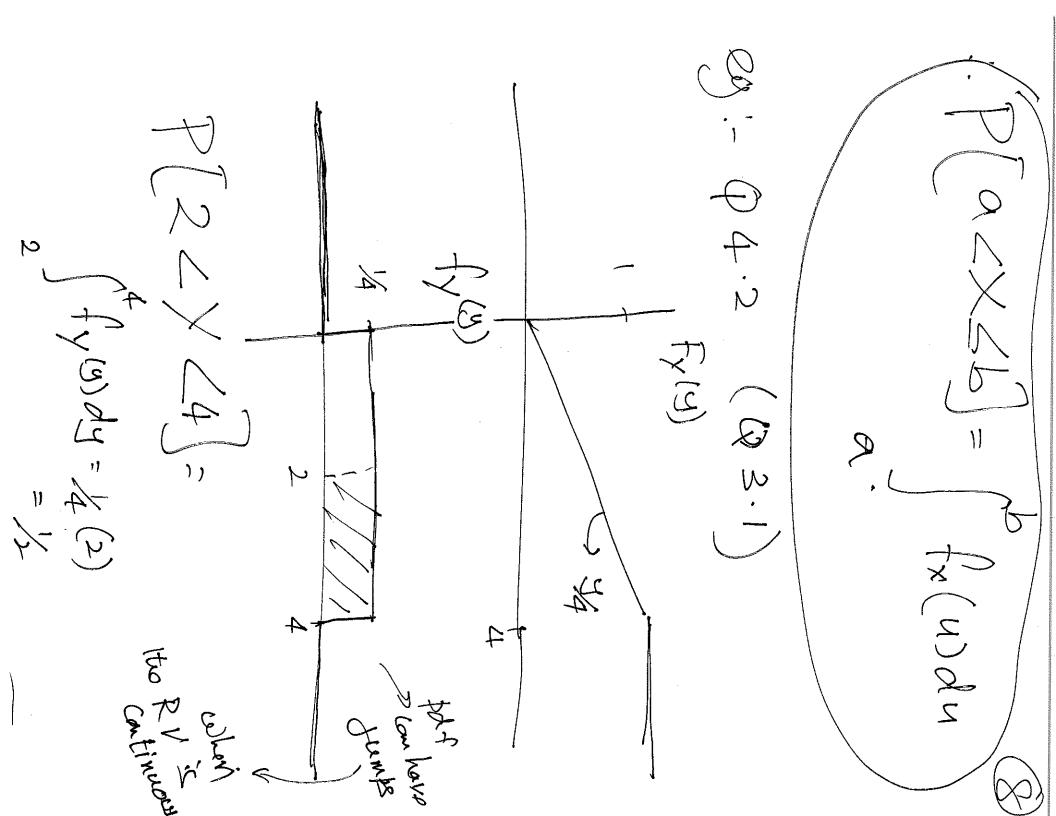
In Jeneval 1 1. Fx (x) Brotestes of from: P[ac x 56]= P[acx 26]= P[ac x 36] P(x = a) = 0 continued & those limits
the RV x is exactly Tx (-8) = 0 1x (x) is a non-leavesing time is P[a<x<b]= [x]-f(a) In confined Cyrul to some value = 0. 1= (0+1) =1

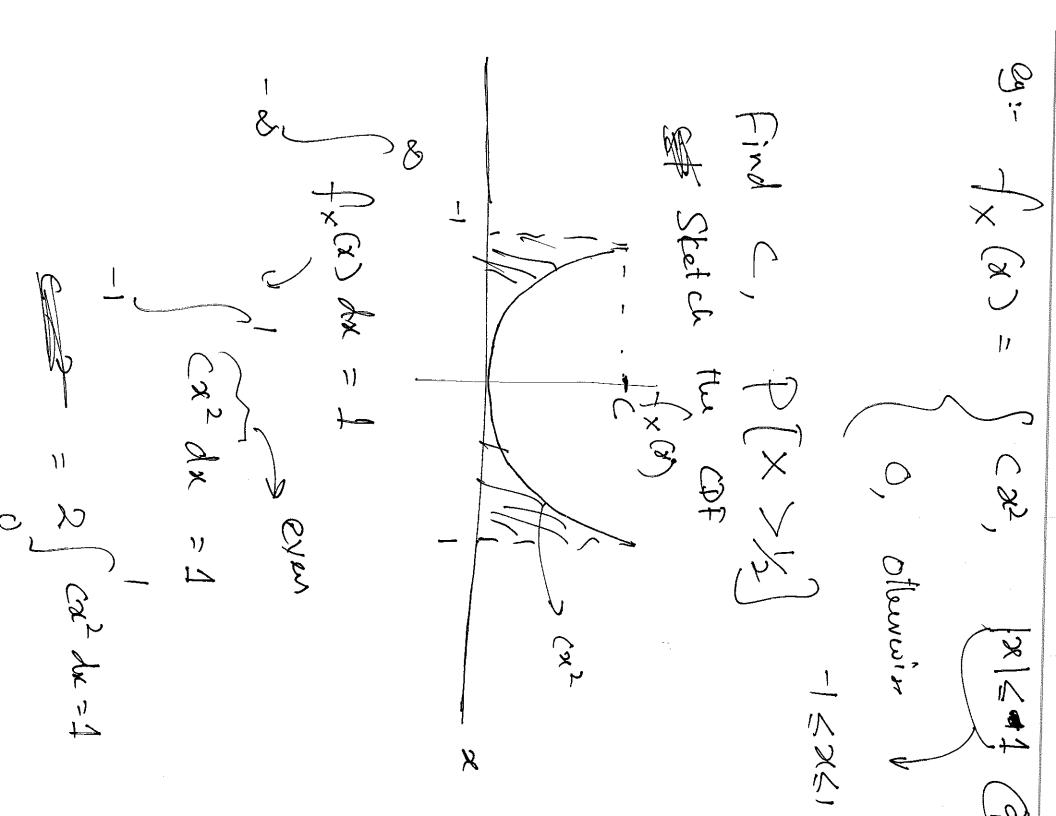
(E) At 17 1) Ty (A) - FO(E) N ١ ٦ (N 4 % P N N JCIMPS

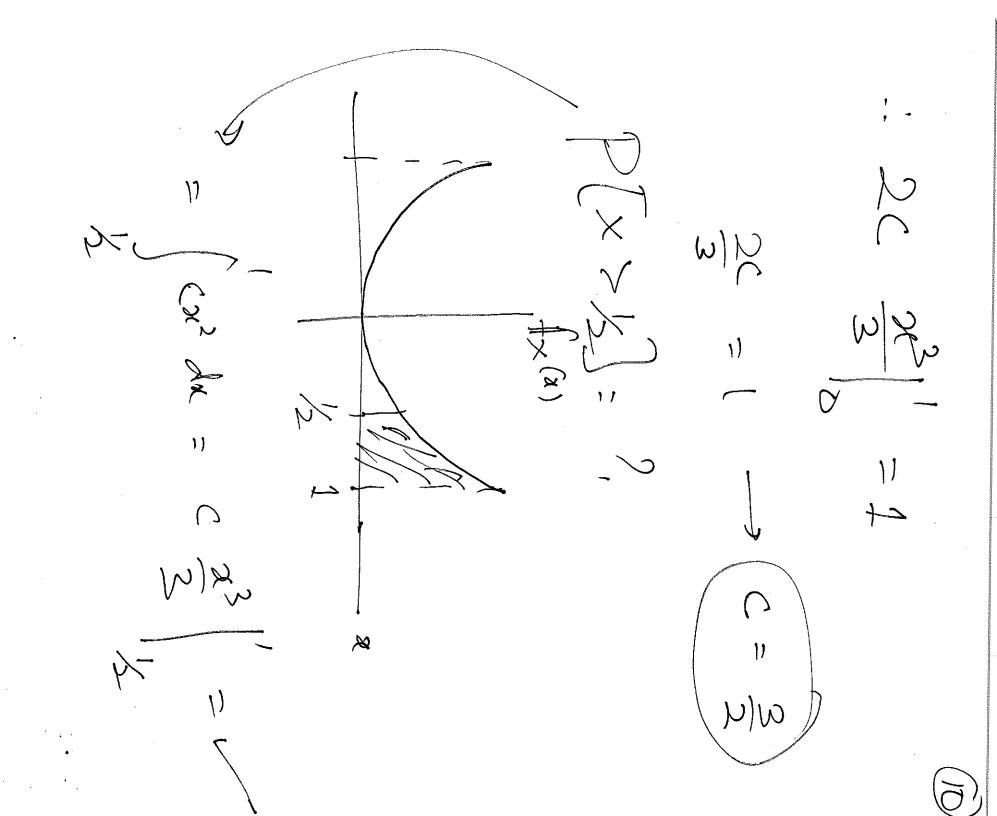
Not's. 1×(-8) = 0 (3.2) U e X d is conded  $\downarrow \chi (a)$ (x (+8) = 2 Density (x) X takes its place (x) X+ 12 (12) X y my Slape of 16 ス X ofx

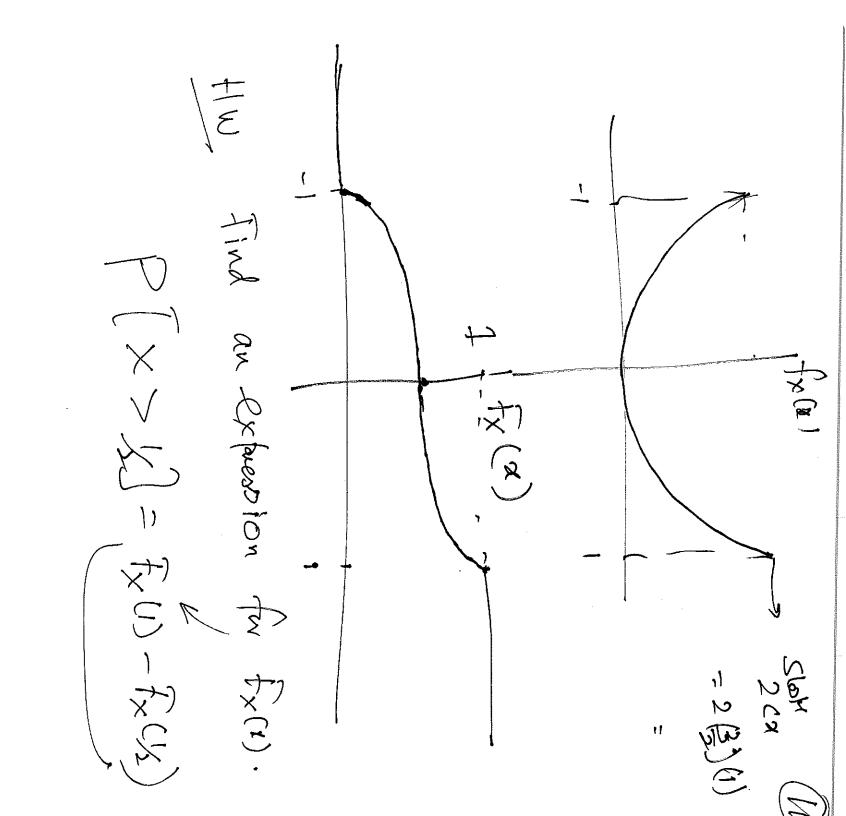
J×(x)  $\left( \mathbf{x} \right)$  $+_{x}(x)$ ١, 1x(x) ١, +x(a)1x (u) du × · Slope of Fr(x) >2 tx(x) is TX (S) lesky? Regult is a function of a Heisht ) a dumny variety Non-dewe as & Slape Area theth

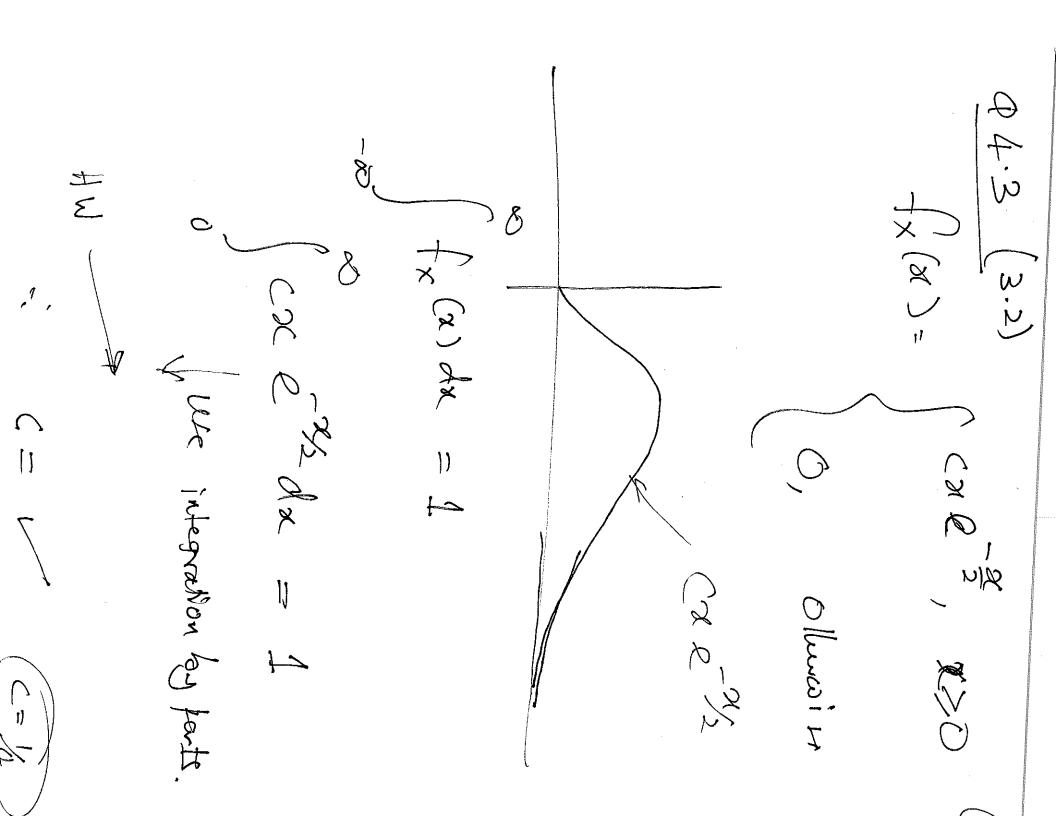












ose mt 2 (x)X 1) (\*) ~ (N) by barts

 $\uparrow_X(z)$ find )1 /x (x) fx (2) fr (x) x (x) JX(X) (x) 4 4

2 (x) (文) ١) tx QU" (2+1)2 (B) (1+x) > (1+x) ((4+1) A

