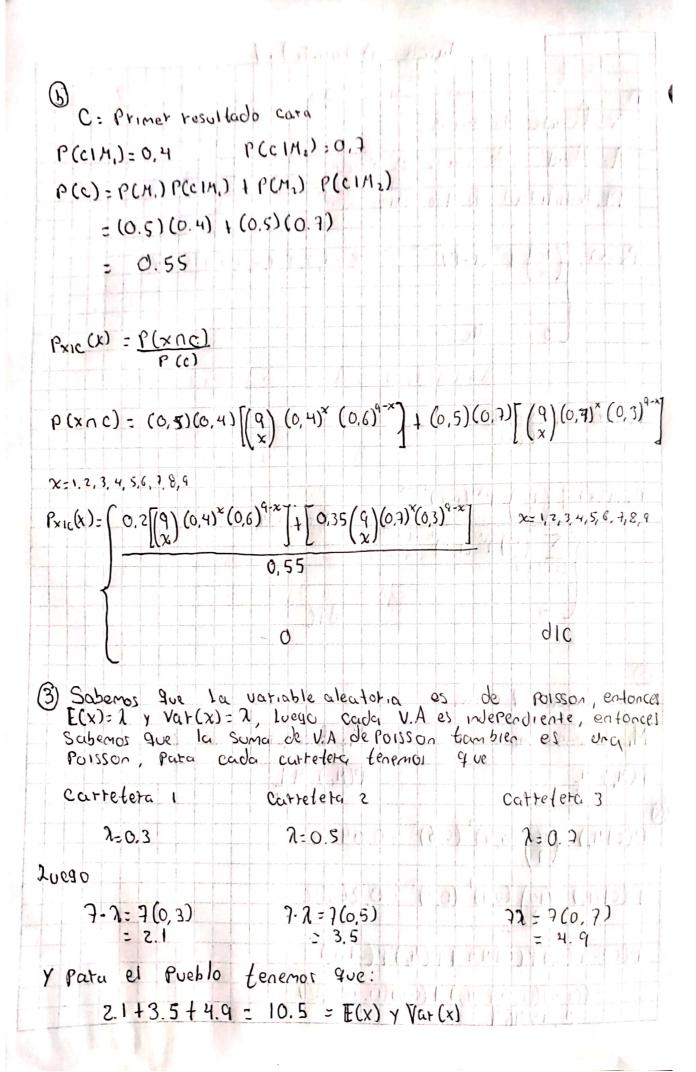
Tatea Pr	obabilidad	
1. Wimero de caras es Pr Probabilidad de que carga	caya! P	
$P_{\infty}(x) = \begin{cases} \begin{pmatrix} 10 \\ x \end{pmatrix} P^{\infty} (1-P)^{10-\infty} \end{cases}$	x = 1, z, 3, 4, 5, 6, 7, 8, 4, 10	
lo dic		
$P_{XIA}(x) = \frac{P(XAA)}{P(A)}$		
$P_{X \mid A}(x) = \int \begin{pmatrix} 10 \\ x \end{pmatrix} P^{X} (1-P)^{10-X}$ $\sum_{i=2,3,5,7} \begin{pmatrix} 10 \\ i \end{pmatrix} P^{i} (1-P)^{10-i}$	X=2,3,4(5	
	910	
P(H,)= 1/2	Mz=Escoge+ Moneda Z P(Mz)= 1	
$P(C M_2) = {10 \choose 9} {(0,3)}^3 = 0,$	28092	
P(c)= P(M,) P(CIM,) + P(M2) P(M_{1}) = $\binom{10}{1}(0,4)^{3}(0,6)^{3}$ = 0,04246 M_{2}) = $\binom{10}{1}(0,3)^{3}$ = 0,26682 = $P(M_{1})P(C1M_{1}) + P(M_{2})P(C1M_{2})$ = $(0.5)(0.04246) + (0.5)(0.26682)$	
= (0.5)(0,04246) + (0.5)(0.	26682)	



@ Sea X una			continua	con fi	onción de
F _x (x).	$C(1-x^2)$	-12221			
(0	910			
Determine el		N .	and a second second second second	mulada	Fx(x)
$\int_{-1}^{\infty} c(1-x^2) dx$	(= c)	1-x20x			
	= c	$\int_{0}^{1} dx - \int_{0}^{2} dx$	(2 dx) = 1		
	= c ($\times 1^{1}_{1} - \frac{\times^{3}}{3}$	1)='		
	TA TOTAL TOT	$2 - \left(\frac{3}{2}\right)$	$\left(-\frac{1}{3}\right)$		
	- c (및) - 1 3 3			
Fx(x)=(3/1-x	2) - 1 < x	(4)			
	91.0				
$F_{\times}(x) = \int_{-\infty}^{x} f_{\times}(x)$		1 14	-x1)dx		
		= 3 (1 -			
		= 3 (x - 2	$\frac{x^3}{3} \begin{vmatrix} x \\ -1 \end{vmatrix} = \frac{3}{4}$ $\frac{x^2}{3} + \frac{2}{3}$	$\left(x-\frac{\chi^3}{5}\right)$	$-\left(-1+\frac{1}{3}\right)$
and the second second second second	and the second section of the section of the second section of the secti	三分して	31 3/	1	i Water