EXI \$ (51+ 10+x3)9x+ (2x+6xxx1)91	$C: basty catorieg x_1 + 1_3 = 4$
option 1: posometrize C, substitute	x,1,dx,dy with expresions in t,dt,
Option ?: Apply Gleen's Theolem:	C is pos allowed, Smath, Simple, closed
burduse resign R.	
O(11): 2x1 Sereport O1.2 Coupingon berner gaing	liks est-chae
O(1,1): 5x1 e 2001 O1:5)	
· ] ] R Q 1 - P 1 dA · ] ] R 2 dA = 3 · M& (8) : 3 · 17 · 4 ·	124
I) Fis a know here of Fish is the custs done making pation	
Exs \$ 3x19x + 5x,91	C: C2 1-1-24
option: dika exchain, ten Ime Merrar, for c	X2-24-X 11 X-34-16
and Ci. School of the second of the contract o	X(X-3)=0 33
opien 2: \$ Pdx+001 = \$ \int_R \artiforn \text{PdA} \cdot \int_R \(4x-3x\)	1)94 - ]] x919x - ][X[X-X5+54]9x
$= \int_{3}^{6} (3x_{3} - x_{3}) dx - (x_{3} - \frac{4}{x_{4}})$	13 . 27 - <u>x1</u> . <u>21</u>
EX 3 Wer pointed of ellipse $\frac{c_{1}}{X_{1}} + \frac{p_{2}}{Y_{2}} = 1$	
states. Ind paint another premotive has of c, and	boundingR
the rectal plant 1 = < -1(1), x(1)>	
Colculate one of \$2-10x, \$201, 78-10x+	ruly: each sides his cree as R
Calculation:	
1 - print 91 - peart  C: X - except 9x erint	
\$ -19x . \[ -print (-crint 91) . \] copring +9t . \frac{5}{5} copring + 9t . \frac{5}{5} copring = \frac{5}{5} \]	(1-cmst) of : 1(c)

$$\oint_{C} \frac{x_{s}+1_{s}}{-4} gt + \frac{x_{s}+1_{s}}{x} gt$$

$$6^4 \cdot \frac{(x_5 + 1_5)_5}{-x_5 - 1_5 + 1 \cdot 51} \cdot \frac{(x_5 + 1_5)_5}{1_5 - x_5}$$

caller 0 exceller (010) chese 
$$0^{1} = \frac{(x_{1}+1_{2})_{3}}{x_{3}+1_{3}-x_{1}} = \frac{(x_{1}+1_{2})_{3}}{x_{3}-x_{2}}$$

$$\frac{(x_{1}+1_{2})_{3}}{x_{3}+1_{4}-x_{1}} = \frac{(x_{1}+1_{2})_{3}}{x_{3}+1_{4}} = \frac{(x_{1}+1_{2})_{3}}{x_{4}-x_{5}} = \frac{(x_{1}+1_{2})_{3}}{x_{5}} = \frac{(x_{1$$

$$Q^{4} = \frac{(X_{3} + T_{5})_{5}}{X_{5} + T_{5} - X \cdot 5X}$$

$$= \frac{(X_{3} + T_{5})_{5}}{X_{5} + T_{5} - X \cdot 5X}$$

$$= \frac{(X_{3} + T_{5})_{5}}{X_{5} + T_{5} - X \cdot 5X}$$

$$\frac{(X_1+1_2)_3}{4-4}$$