1309000 (1-3x-4)dx-[x-3y2]dy 00 3 (2+4-27x3+27x) -108x3+274-27x(x-1) y(x) = (1+1/3/x 23/3 \$ [[274-27x3 +2712-108x3+2741-27x (2-1) (1-153) 11(274-27x3+27x)2-108x+274-27x18 -32-4(x)+1=(x-34(x)2) dylx) 1-3x2-y(x)+(-x+3y(x)2) dy(x)-0 $P(x,y) = -3x^2 - y + 1$ $Q(x,y) = -x + 3y^2$ F(x,y)= 5(-3x2-y+1)dx=x-3-yx+g(y) 95(x, y) = 8 (x-12-4x+ 9(x)) = -x+ 09(y)

94 - 97 (x-12-4x+ 9(x)) = -x+ 09(y)

95(x,y) = 8(xy) dy dg(y) dg(y) - 3 42 gry = 53 y dy = y3 -x3+x+y3-yx=C1 f(x,y)=-x3+x+y3-xx

2950000	
a)	$2xy dx = (x^2 - 2y^3) dy$
	y(x)=3(2,0)
	3/3 J4C+27x4+9x2 32 3/3
	2 (x) = (1-1/3) 1/3 1/4 C1+2+2+1+9x2 (1+1/3) C4 23/2 32/3 ENG 5/424-9x2
	2/2 3 ²¹³ 2/2 3 ²¹³ 2/3 J46+122 192 2/2 3 ²¹³
	2x y(x)=(x-2y(x)) dx=0
	≥ R(x,y)=2xy S(x,y)=-x²+2y³
0	2y MA(4) R(X, VI) = HANDYELVIN - 2 M(4)X
	9p (4)
	100 (u(y)) = -2 100 (y) u(y) = \frac{1}{2} Q(x, y) = 2y - \frac{2}{3}
	2x + (2y(x)-x2)dy(x)-0
	9 f(x,y) = fy dx = xy + 9(4)
	9 + (x,y) = 9 (x + 9/4) = -x + dg/4)
	dy -9917 , 14

+ dg (y) = 2 y 9(y) = 52 y dy = y2 f(x,y)=y2+x f(x,y)=c1 y2+x2=c1

$ \frac{33}{33} \frac{33}{330000} \frac{3}{3} = \ln \frac{y}{y} $ $ \frac{y'(y'-1) \ln (y'+1)}{y'(y'-1)} \frac{(y'-1)}{(y'-1)} $ $ \frac{z-y'}{2} \frac{y''-1}{2} = \frac{1}{2} \ln \frac{y'-1}{2} $ $ \frac{z-y'}{2} \frac{y''-1}{2} = \frac{1}{2} \ln \frac{y'-1}{2} $ $ \frac{z-y'}{2} = \frac{1}{2} \ln \frac{y'-1}{2} $ $ \frac{z-y'}{2} = \frac{1}{2} \ln \frac{y'-1}{2} $ $ \frac{z-y'-1}{2} = \frac{1}{2} \ln \frac{y'-1}{2} $ $\frac{z-y'-1}{2} = \frac{1}{2} \ln \frac{y'-1}{2} = \frac{1}{2} \ln \frac{y'-1}$	50
$\frac{dw-2(\pi)-y}{dz}$	

	11/1
NEC MEDIE Z W	ar
1 = 0	
Z(z-1)=z.w In (z-1) z(z-v=z.c.ln (z-1) Z(z-1)=czln (z-1)	-
dy = xd's n = x v = y' dx dx	
$y = xy' - e^{y'} y' = \frac{dy}{dx}$ $y = x \frac{dy}{dx} - e^{\frac{dy}{dx}}$	
1 d8	
y=xy'- xy y'= (y+xy-)	
T X X	