QUIZHZ exact equanon Noor Mustage D(2xyz-3)dx + (2xzy+4)dy=0 $N(X,4) + NCX, 9) \frac{dy}{dx} = 0$ M 9 = 4 X 9 2 mdx = 1 2x42-89x $N_X = 4X7$ F= x2 y2-3x+9(4) Fy= 2x27+9'(4) Fy=N 2+24+4= 2424+2,(2) 4 = 9 (2) 9(4) = 49+6 F= x242-3++49+C=0 x292-3x+49+(=0

Onis s) wormstaken) (14) 2) M (X, Y) + N(X, Y) dy =0 W = 1+Inx- 3 My= -+ N=1-Inx F=Smdx=SI+Inx-3 F=x-yInx+(+Sin(x))x F=X+XINX-X-49(5) F=-1ncx)+9'(y) -> N FL = N 1'-In (x) = -In (x) +9 '(y) 9 (4) = 1 9(4) =4+(& Plus borch 1(x) - 9/11(x) + 5+c = 0

Puiz 2/ Noor morafar 3) MCX, 9) + NCX, 9) == 0 N=[42-4][40] My=24 N=「サーXダ Nx=-y (42-4) dx = (4+x4) dy Nx-M3 = -37/ m = -37/ 42-4 $\frac{M_4-N_X}{N}=\frac{9}{-961+1}$ es=3 =(x+1)M=[52-4][(x+153)] My $N = \begin{bmatrix} -9 - x9 \end{bmatrix} \begin{bmatrix} (x+1)^3 \end{bmatrix} N_x = \frac{xy}{29}$ = -5 (1+X) = -9 (X+1)-2

$$\frac{3}{3} = -3 \text{ max months}$$

$$= \frac{4^{2} - 4}{-2(x+1)^{2}} + 9(y)$$

$$= \frac{4^{2} - 4}{-$$