ONIC # 1 ) WILL COS ) WAS LINGTHEN 1) 411+4=1002X (e 7x)" + e 9x=0 4=198+98 (y2e9x)+e9x=0 42+1=0 9,= e X 9i=e-it 196=4(0)(X)+(2)in(X) 7, = cos(x) 12, 12/ 14, 45/ 42 = SIN(X) W1 = - 92 96x) 102 = 9,900 41 = 5 - 92 9(X) 2X 45 = 22,000 H w= 1 cosco sinco = 1 4,= S-since)(05(05) NS = 2 (0) (0) (0) (0) 4,= 1 (0530x)+C U2 = 5, n(x) - 35, no. 20=4,4, + 1,242 4e= \frac{1}{3} (05 (x) (05 (x) + (5 in 60 - \frac{1}{3} 5 in \frac{3}{3} x) 5 in \frac{1}{3} \tag{5} \tag{7} \tag{7} \tag{9} \tag{9}

QUIZ #7 MTT 225 NOOR MUSTERS 2) 911 +241 +4=e-x/117 4 = 49 typ 911+241+4=0 4=e4x (e9x)"+7(e9x)"+e7x e 4x (43+29+1) = 0 exx +0 72+29+1=0 9- 2-1 VEUZ-4(DO) 7 = - 1 with multiplians of 2 99=(,e-x+(zxe-x 4p=41.9,+4242 9(x)=e-x/n(x) Uz= 7,9(A) N2 = 8419(X) JX (1) = = 42 (9(X)  $\alpha_1 = \int \frac{-4z}{w} \frac{9(x)}{w} dx$ 41 = e-x Yz=e-XX w= 4/45/-4/45

$$W = e^{-x}(-e^{x} + e^{-x}) - (-e^{-x})e^{-x}$$

$$W = e^{-2x}$$

$$W = e^{-2x}$$

$$W = e^{-2x}$$

$$W = -e^{-2x}$$

$$W =$$

 $9 = 2e^{-x}x^{2}\ln(x) - 3e^{-x}x^{2}$  9 = 99 + 99  $9 = c_{1}e^{-x} + c_{2}xe^{-x} + 2e^{-x}x^{2}\ln(x) - 3e^{-x}x^{2}$   $9 = e^{-x}x^{2}\ln(x) - 3e^{-x}x^{2}$ 

MH 527 Nous Dans #8 3) x2411 + x41 + (x2-1)4=+= 72=+1/2 mx 76 = (, X - 12 cos(X)+(2 x - 12 sin(X)) 4p= N171+7242 9, 1= x - 125, n(x) - (03 cx)=13 w= \71 42 92 = x - 1/2 (x) - 510 (x) w, = -4, 9(x) 42 = 4,9(x) W= (x-1/2 (0) D) (x-1/3 x = \frac{\sin x}{2 x 3/2}) - (x-12 Sincx)) (-x-12 Sincx) (-x-12sincx) $w = \frac{\cos^2(0)}{x} + \frac{\sin^2(x)}{x}$  $v = \frac{1}{x}$ 

QUI TO MITTERS MOEN 4, - - x + /2 (0) x =(-メートでのめはき)しか = - (05 X 4=5-cosx 9, =-5, nX リアノニメーたSinasxで、ナニラ「N(X) UZ= Ssin(X) 07 = - (05 X 9.= 9x / cos(x) + (2x - 12 sinx - sin &) [x - (286)] - CO) (X) [ x - 1/2 SIN (X)] 4= (1x-1/2 (05(X) +(zx + 1/3,nx - 75,nk) (0) (1) X