MX"=0 x'= C=UCoSd My"=_M9 y.. = -9 y'=-9t+6 to, y=usind y=usina-gt x= uSind X=utcos x+c x=utcosx y=utsind=1gf2 = utsond + 1 g t? $f = \frac{24}{9}$ Sind $\frac{1}{2} = \frac{\sqrt{2}}{9} \sin 2d$ KNOX = V2

Date No بزمن لوجول لاؤم ارتفاع timeto Vench the maximum Vx = X = 1/cosd V2, V2 + V2 = (4 Cosd)2 + (45 ind - 94)2

ex From the top of atower 20% Feet about the Date _______No ______ Surface of the earth, a vocket was launched with initial x relocity 256 FH/Sec and initial I-delocity 192 Filsel find Flight time and how Fax the Point where it collided with the ground at the base of the tower Solubias X'= 256 y'= -9t+C t=0, y:= 122 ... C=192 2-8 y = 192 gt y= 102t-12gt2+C 16 t2-192 t-208=0