S/m 61.11 3 a' = -131.7531 603 (6.81324) =0 t=11.6265 20.275 - K(0.29 m) = (6.4 kg) (9.8 m/ce or 3-9 Sin (5. 81326+ Tr. L: 216 . 27586 4mm 5.8132t : #12 TEXT. F.E: 15.37 N 21.0.29m) -8.12 N Kr : 53 W/m 1000 Kx2. W F(0.42): 6.4(22.67) 2145.0971N F== KX = = \$1(0.184m) = (14.904N 12 × 10.925 HZ " Mark v = 3.9 my S So 2, not 211 50 : The 20-382385 x(t) = 1.19139 sin(4,1079 t) 0-7 t= 4.3624 s x(t) = 1.19139 sin(4,1079 t) 3 a(t) = 0.345476 css(4,10796) 1 Th 4:28m/m e) speed @ equil: Us= 1 kx 1/2 / e = 1 mm 2. a(0.27) = -22.67 SIN(5.5/22.0.27) 23.49:-46.0.29) (k=81 N/m " ma Vo= 2.9 m/s a: -22.67 5.0 (5.8132t) T= 2n1 = = 2n 14:8 -11.5245 5 xo: 0.29m V(0.425) = - 2.98 m/s · FOG: -TX V(6) = 3.9 cos (5.81324) :-22 625. In (1.57) ~ 22.6) m/s (O.184 m) F=+LX m=4.8kg F-ma--Kx 14-5 d) Reach equi for 1st time? t=0.423 1.080851 X: 6.29m F. F. m>6.4 29 recelmoney. 一つの一大 × 01 0000 E a V (0,42 s)= 3 Ce: 0 al worshart L: T 2 TT 16-4 SFE 0 982 2 d) amon = ? b) Effective 12? e) Force -000a) 2F = 2 0 3