





c) Set mina SHM on the table With the Spring W. measure the proof of oscillator for a variety of masous. 12 = m / m / y = m / x Alah 472 = 6 plat un vs. i find the Slope & get K. d) { kg2 = 1 mv32 my - 2m Va Va - - 2 Vb = - 2 7 / x 1 mra = 1 mrg + 42mgd 1 mm = 1 m. 1 x2. K - 2 mngd D=VEVE $V_f = D\sqrt{\frac{5}{5}}$ 1 1 m D2. 9 = 1 m x2 k - 2 pmgd Mngd = 1 mx2 k - 4 mot . In Mgd = 92 = 1 (422 1 20) M= (422 -1.902)

