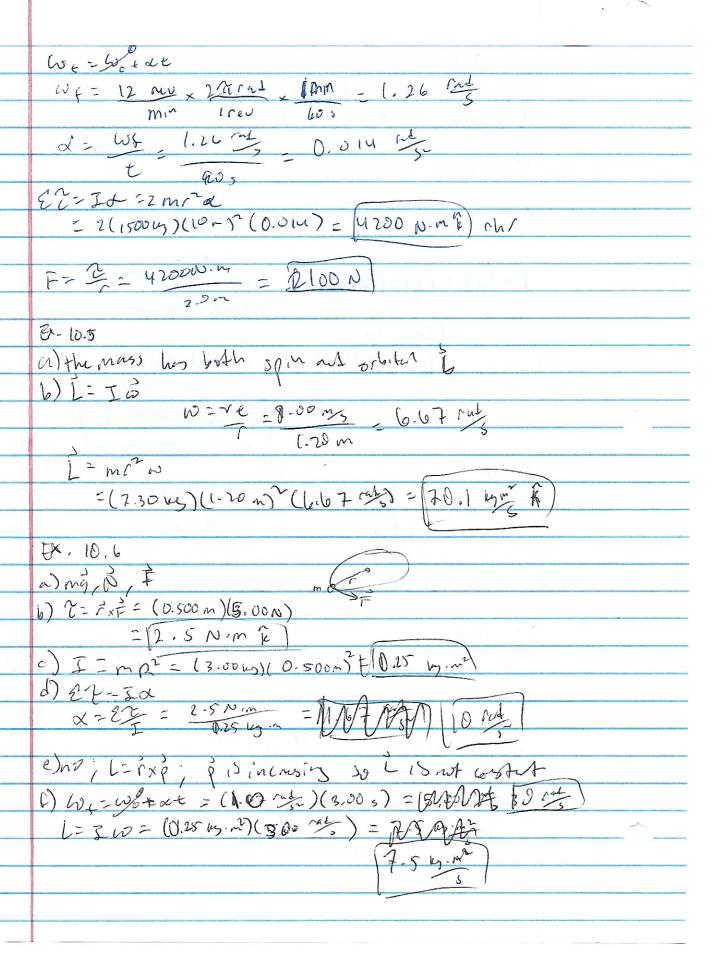
```
EX- 10-1
P=mr = (8-20 m)(-6.0 mg)s = -48-0 mms 5
L= (x) = rpsn02 ; 0=180; L=0
Ex-10. L
P=mv=(2.004)(5.00mg 1) = LO.0 4mg 1
レニアメウェアタミのも変
La exp = rpsmple 37 1/2 2m
      = (2.00m)p
       = (2-80m)(12-26) = 20,0 kg mg - Th, ohr
                     L= -20.0 kg m2 1
Fac. 10.3 F= 20 cm < 0.20 m
 ~= rx= r$ sind; Sind=1; 0=90
    F = 7 = 80 N.m - 400 N
=0.0022 m/2
2-2 (1500 kg)(10 m) (0.000 mg)
  = [667 Nm)
2-1xFENFSONDENF; Sond 71
   F=2 - 667 Nim - [334 N]
```



Ex-10.7
a) WE, = 1 3w2 = 1 (1 mrt) (w2) = - (150.0 m) (0.250 m) (1000 mm x 1/1 / 100) =[2.57x104] b) WE= 1 m2 = (2(2-57x10) - (227 m) i.ovy Ex- 10.00 LSpin = I Wspin = (= MR2) (60)
= 1 (3.00 kg) (0.000m) ~ (15.0 mg x 27m) = [, 41 65 : wi (til) = 1=1 × P = 1 p sind (-1/2) = 1 my sind = (4.00m) (3.00 m) (5.00 m/s) sin 30 (-1/2)
= (-30 my.m² /2) 1) Ledar = Lors + Lyon = (1.41 19m2) - 30 10 m 1 = 1-28.59 kg m & d) le usu = 1 2 m2 + 2 m2 $=\frac{1}{2}\left(\frac{1}{2}MR^2\right)\omega^2+\frac{1}{2}mv^2$ = 1 (3.00 kg) (6.100 m) (15.24 md) + 1 (3.00 kg) (5.00 kg)2 = 1043

Ex 60.41 mgho = 1 Iwit + inver NCM = RW Mgh = 1. 2 M A2 22 + 1 ph 22 ーでマラマーgh 7 N=9h N= (109h Ex- 10.12 France 27=2d a=kd Pr, R j-mg-ma Rj=Jd2 d=2 R7=Icma STAPP T = I cma I cma-mar = mrg

a(Icm-mr)=mrg

Icm-mr I om a = m (g-a) cong-ma Ima=mrg-mra a(Icm+mr2)=mrg

CO. Ex 10.14 a) J= DP=Pf-Po Pf +trulation = 0 J = - Po - (- mvo) b) Plus AR Lorning + Lspin = Loca, Many + Lspins V-RW Iwo = Iwf+ rp = Iwf + RMNt IWO = [W+ mR W+ $[\omega_t = I\omega_0]$ c) board on I, them's no spend you could rea at to bry the many go road to a hast; it was it depend only an your moss b) horner theone has 15 consul E Loshio + Lapino = lors of + Laping Nef=RWF LX6" + In = OSXMONE LX6" + Int rmVsint + Iwo = RmRwf + Iws VE IR Tynd=L mRV+IW, = mRW+IW+ W, (n. R + I) = m R vo + I wo W+= MRVo+ IWo mp2+J () Wf=0 mRNo+JW0=0 TVo= - Iwo

