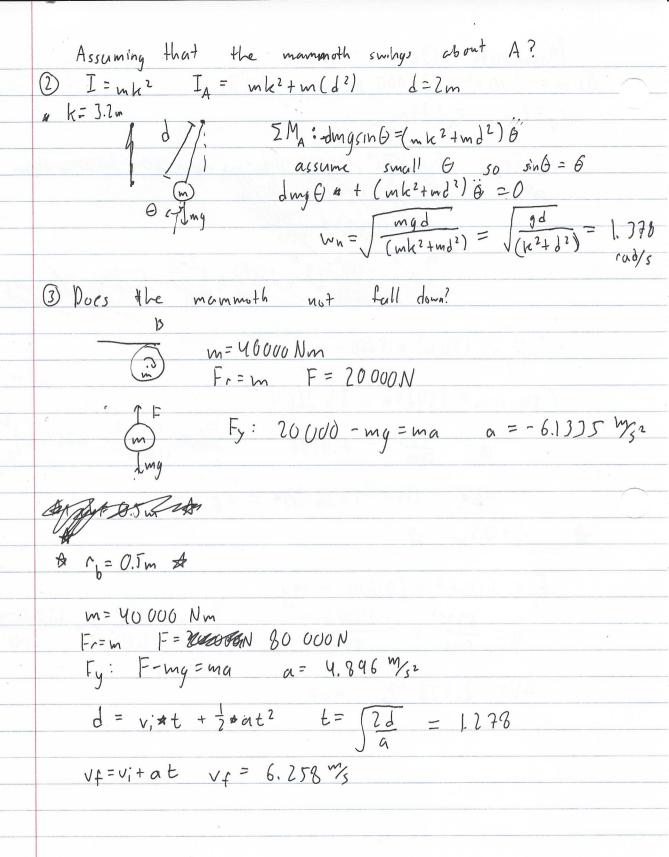
Mammoth Q's D m = 300 t² + 30000 N-m t= 25 r = 2 m r = 0.5 m m=Fr Fyt 150t2 x 75000 Norm - mg mg 2150+CAS5000 x Hzm

opti

m= 150 + 15000 Norm

a= 150 + 15000 Norm

squ Fy = 150 t2 + 15000 - mg (tyu0) a = 150 +2 h - 38 366.4 $\alpha = \frac{150t^2}{540} - 7.0526$ $t_{1} = \frac{150}{6300} t^{3} - 7.0526 t \Big|_{0}^{2}$ De 10=-13.36 M/3= = vf A 18 = 0.5 m A $F_{y} = 600t^{2} + 60000 - mg$ $a = \frac{600t^{2}}{5440} + \frac{60000 - mg}{5440} + \frac{60000 - mg}{5440} + \frac{1}{60000} = \frac{600}{16320} + \frac{60000 - mg}{5440} + \frac{1}{60000} = \frac{1}{16320} + \frac{1}{16320} = \frac{1}{16320} + \frac{1}{16320} = \frac{1}{16320} + \frac{1}{16320} = \frac{$ AV= 2.773 Ws = vf



M=Fr

impulse = FAt = mAV

2000 <u>M</u>

$$\left(\frac{M}{10} - \frac{2000}{\Lambda}\right) = \frac{M\Delta V}{\Delta t}$$

20-PAUM- TE YUS