Monday, October 1/12
Physics 122/121

---

1. Check Access to Online Marks

2. Torque Lab - Procedure Manuals - Page 67 - Experiment 10.2
   Due - Tuesday, Oct. 2/12

3. Handout - Torque
   Textbook - Page 501 #31
   Page 529 #27

Stopped Here P6

4. Another Example (More Complex)

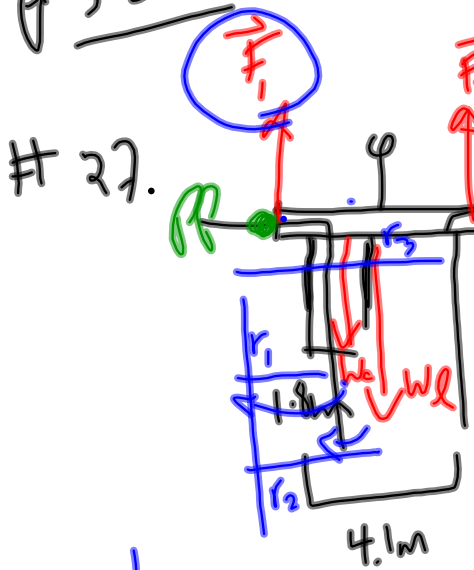
Stopped Here P1

5. Textbook - Page 501 #33 (a)
   Page 529 #28 (a)

6. Handout - More Torque Problems

p529

#27.




$\tau = rF\sin\theta$

$m_l = 36\,kg$

$m_c = 87\,kg$

$\vec{F}_{net} = m\vec{a}_x$

$\vec{F}_{net_y} = 0$

$F_1 - W_c - W_l + F_2 = 0$

$\vec{\tau}_{net} = 0$

$-\tau_{W_c} - \tau_{W_l} + \tau_{F_2} = 0$

$-r_1 W_c \sin 90^\circ - r_2 W_l \sin 90^\circ + r_3 F_2 \sin 90^\circ = 0$

$-r_1 m_c g - r_2 m_l g + r_3 F_2 = 0$

Torque Problems

Handout - Torque

Textbook - Page 501 #31
Page 529 #27

Textbook - Page 501 #33 (a)
Page 529 #28 (a)

Handout - More Torque Problems