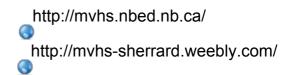
Science 10 Wednesday May 31/17

- http://mvhs.nbed.nb.ca/
 http://mvhs-sherrard.weebly.com/
- 1. Assignment Tangled Web: 1 Day Late
- 2. Article Indicator Species: Due Thursday, June 1/17
- 3. DDT
- 4. The Day They Parachuted Cats Into Borneo
- 5. Bioaccumulation and Biomagnification
- 6. Roller Coasters

Physics 112

Wednesday, May 31/17



- 1. Exam Review Freely Falling Body
- 2. Check -> Worksheet Waves: Frequency, Period and Wave Speed
- 3. Concepts: U4 S2 Wave Behaviours
- 4. Reflection
- 5. Diffraction
- 6. Refraction
- 7. Case #1
- 8. Case #2
- 9. Case #3
- 10. Snell's Law
- 11. Worksheet Refraction

A football game customarily begins with a coin toss to determine who kicks off. The referee tosses the coin up. In the absence of air resistance, the coin will rise to a maximum height of 1.276 m. How high is the coin after only 0.139 s?

esistance, the coin will rise to a maximum height of 1.276 m. How igh is the coin after only 0.139 s?

$$\frac{1}{\sqrt{12}} = \frac{1}{\sqrt{12}} = \frac{1}{\sqrt{1$$

Physics 122 Wednesday, May 31/17

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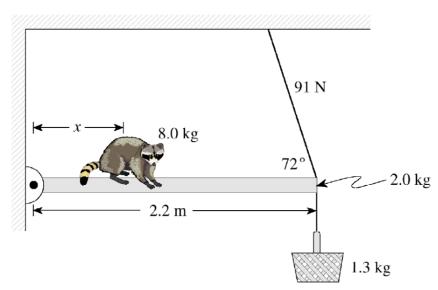
Exam Review - Static Torque

- 1. SA U3 S1 -> Wednesday, May 31/17
- 2. Resistance to Flow of Charge
- 3. Worksheet Resistance
- 4. Ohm's Law
- 5. Power
- 6. Series Circuits

Exam Review - Static Torque

1.8 m

A hungry 8.0~kg raccoon walks out on a 2.0~kg, 2.2~m long uniform beam in an attempt to reach a 1.3~kg food basket hanging at the end. A cord that can withstand 91~N is used to support the beam at the end as shown.



What is the maximum distance, x, the raccoon can walk out onto the beam before the cord breaks?