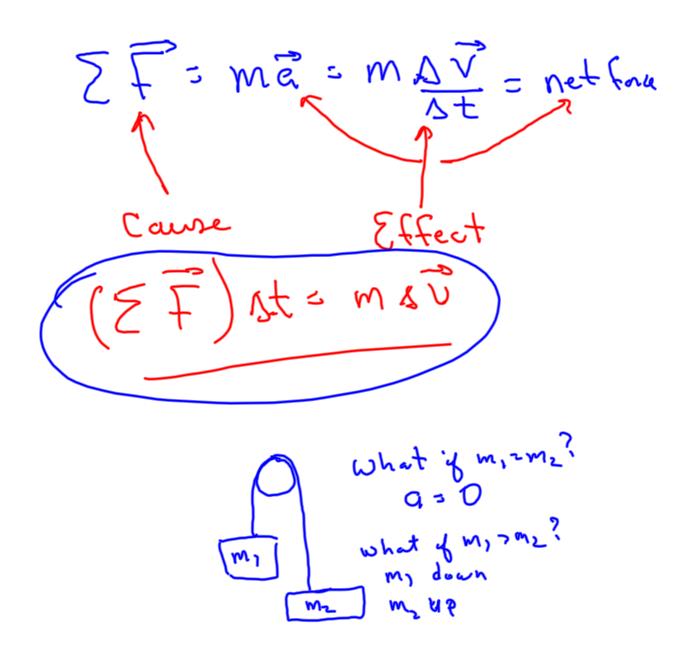
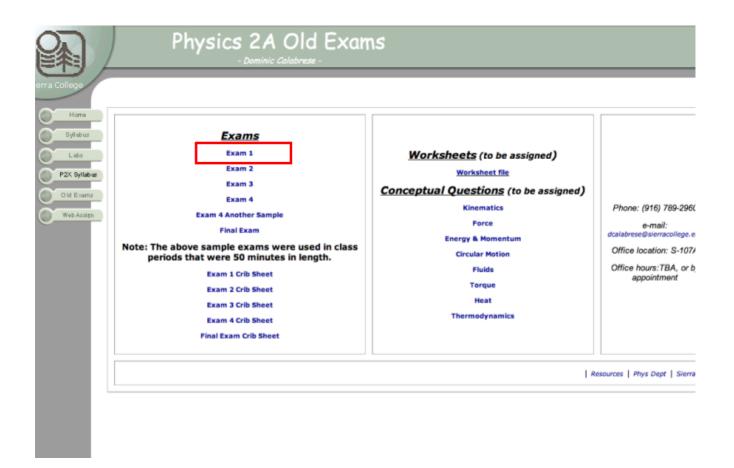
## **Reminders 9-19-07:**

- -Next Homework Due 9/23!!!
- -Kinematics Conceptual Questions Due Wed. 9/19.
- -Conceptual Quiz Today.
- -Exam 1 Mon. 9/24, Sect. 3.1,3.2,4.1,4.2, & Ch 2.
- -You must know exam policy.
- -Phi Theta Kappa
- -Save all files onto a USB Stick/Flash Drive.
- -Obtain software from desktop of computers in lab.

## Objectives:

- -Newton's Laws Revisited
- -Examples, Examples





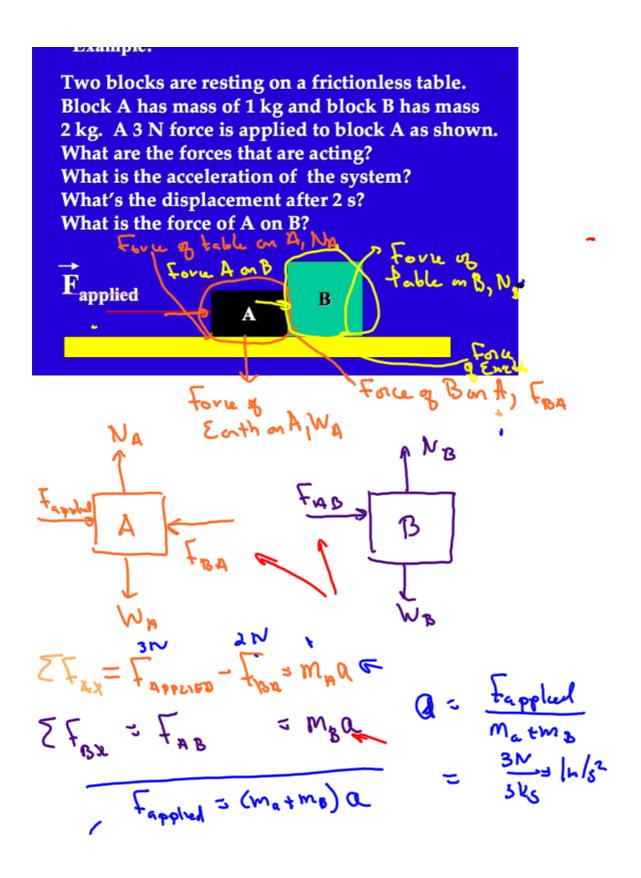
- Consider the system shown.
  - What is the net force acting on the object?
  - What is its acceleration?
  - How far does it travel and what is its velocity after 3.0 seconds (v<sub>i</sub>=0)?

$$\xi F_{x} = 10.0N - 5.0N = 5.0N = mag$$

$$CL = \frac{5.0N}{2.025} = 2.5 \frac{N}{2} = 2.5 \frac{N}{N} = \frac{1}{2.5} =$$

$$\Delta X = \frac{1}{2} at^2 = \frac{1}{2} (2.5 \frac{m}{s^2})(3.0s)^2 = 11.2 m$$

$$\nabla = at = (2.5 \frac{m}{s^2})(3.0s)^2 = 7.5 \frac{m}{s}$$
to night



ds