

Homework Assignment #8 Name _____
due in class Friday, October 28

Cover sheet : Staple this page in front of your solutions.

Write the *answers* (without calculations) on this page;
write the detailed *solutions* on your own paper.

[37] Problem 4.26.* *Answer: What is dE/dt ?*

[38] Problem 4.28 and 4.29.***[computer]
For #4.29, hand in the computer program and any plots.
Answer: What is the period for #4.29 part (d)?

[39] Problem 4.33.**[computer]
Hand in the computer program and any plots.
Answer: Did you hand in the computer results?

[40] Problem 4.34.**
Answer: What is the period if the length is 1 m?

[40x] Problem 4.37.***[computer]
Hand in the computer program and any plots.
Answer: Did you hand in the computer results?
Answer: What is the critical ratio m/M ?

[40xx] Problem 4.38.***[computer]
Hand in the computer program and any plots.
Answer: Did you hand in the computer results?
*Answer: **Explain** what becomes of as the amplitude of oscillation approaches .*