

Written Homework #12

Physics 131 Spring 2009

Due on Monday 4 May 2009 at the beginning of lecture.

Write down your name and student ID number.

An air-track glider attached to a spring oscillates between the 10 cm mark and the 60 cm mark on the track. The glider completes 10 oscillations in 33 s. What are the (a) period, (b) frequency, (c) amplitude, and (d) maximum speed of the glider?

Show your work to get full credit.