Lecture Quiz 1, Solution

PHYSICS 161, Spring 2003
Lecture Quiz, Due beginning of class, Monday, Feb 3
This Lecture Quiz to be handed in individually. You are free to discuss it
with classmates. No Make-Ups.

Reading Assignment: Chapter 2, Sections 2.1-2.5

Q1). In Figure 1a, a plot of position versus
time (x vs t) for a
particle moving along the x-axis is given.
Draw the corresponding velocity versus time
v vs t graph in Fig 1b.

Q2). In Fig 2a, a plot of velocity versus
time (v vs t) for a particle moving
along the x-axis is given. Draw the corresponding
position versus time (x vs t) graph.

Recall: x vs t can be gotten by finding
the area under the v vs t
graph.