
PHYS 1210 Group Work Sheet
Graphing Position, Velocity, and Acceleration

With your group, discuss how to answer these questions and write your group answer in the space provided.

1. Make a position-time graph to describe the tortoise-hare race.



2. Make a velocity-time graph to describe the tortoise-hare race. Use the same horizontal (time axis) scale as the position-time graph.



3. Make motion diagrams for both the tortoise and hare to describe their race. Choose instructive times in the story. It's best if you relate them to times in the graphs on the first page.