Name: _____
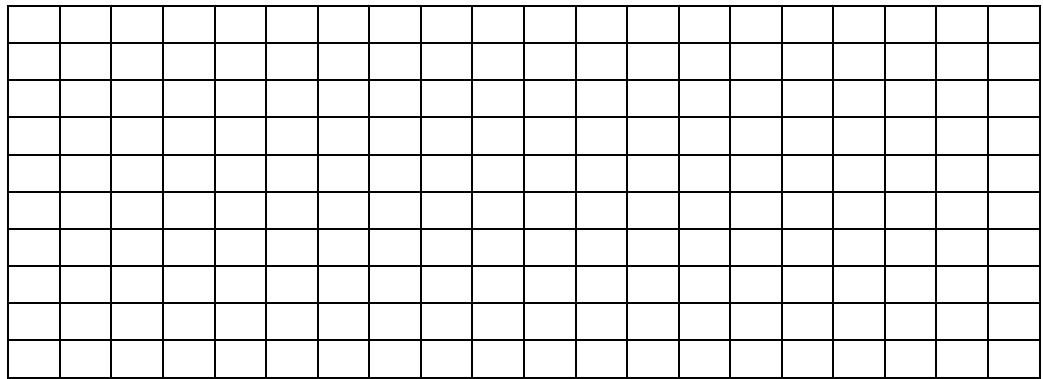
Date: _____

Period: _____

Velocity & Distance Time Graphs

1. If a car travels 100 miles in 2hours and 20 minutes, what is its average velocity? Show Your Math.

2. On the graph below, draw the following: The car above starts from a complete stop. In one minute, it accelerates to a slow speed. It continues this slow speed for 10 minutes and then accelerates quickly to a very fast speed. The car finally comes to rest after 30 minutes by decelerating slowly.

3. What is the instantaneous velocity for a car that travels from a point 20 miles away from home to one 30 miles away from 10:25am to 10:30am? Show Your Math.