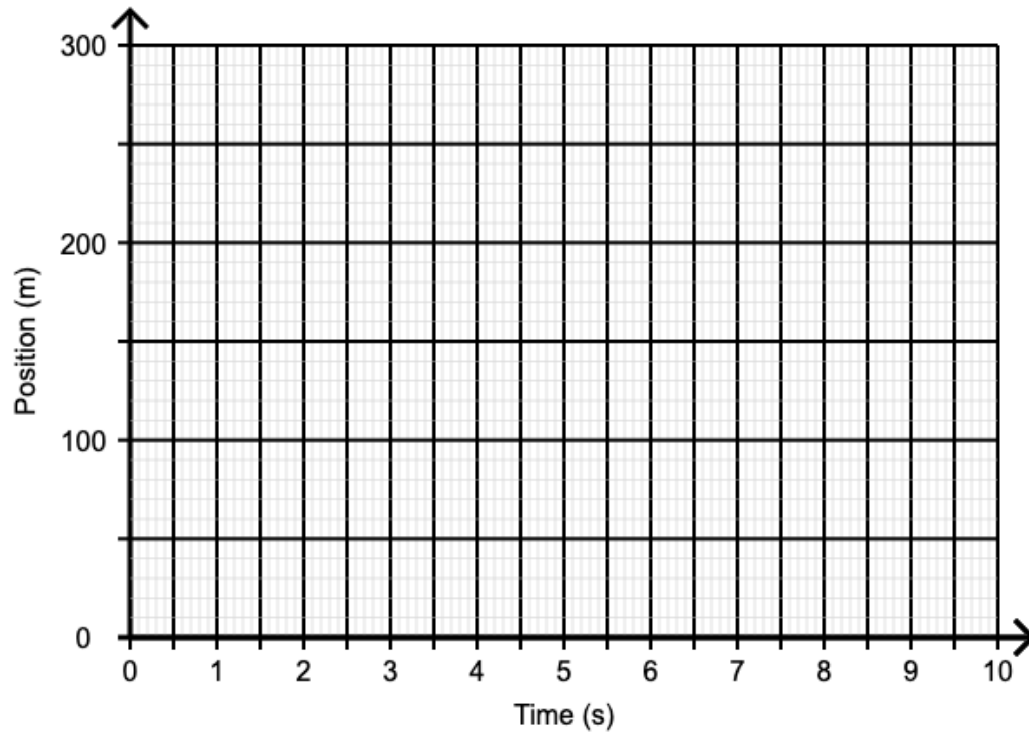


## Average vs. Instantaneous Velocity

Step 1: Carefully sketch your position vs. time graph on the axes below. Then write down the time at which the program asks you to find your instantaneous velocity



Step 2: Show the calculation for finding the average velocity of the car over the 10 seconds that you tracked.

Step 3: Use a ruler to draw your tangent line onto the graph given above. Then show how you determined the instantaneous velocity. Enter the answers into your program to make sure you did everything correctly