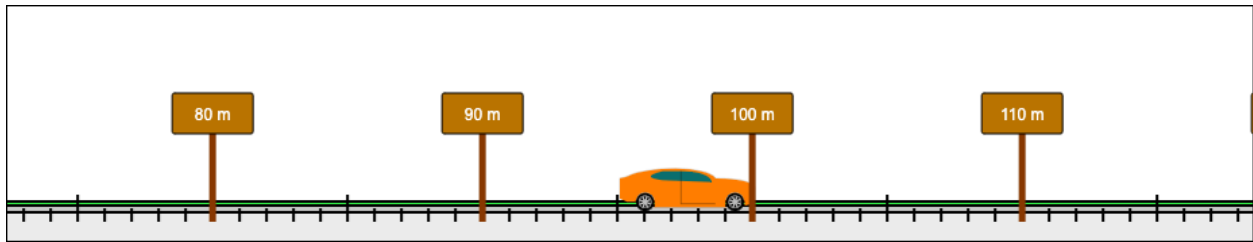# Speed of Car

Step 1: The picture below shows you when you should be stopping your stopwatch. If you started the stopwatch when the front of the car was lined up with the 0m sign, you would have measured the time to travel 100 m at a constant speed. Write down that time in the space below

Step 2: Show your calculation for finding the speed of the car in meters per second. Show the formula you used, the numbers you plugged in, the answer, and the units that this calculation comes out in

Step 3: Show all the steps of the conversion required to convert from m/s to miles per hour. Set up a factor label system that will allow you to make this conversion

Step 4: Show all the steps of the conversion required to convert from one of your answers you have already got to km/hr. Set up a factor label system that will allow you to make this conversion

Step 5: Enter your answers into your program to make sure you did everything correctly