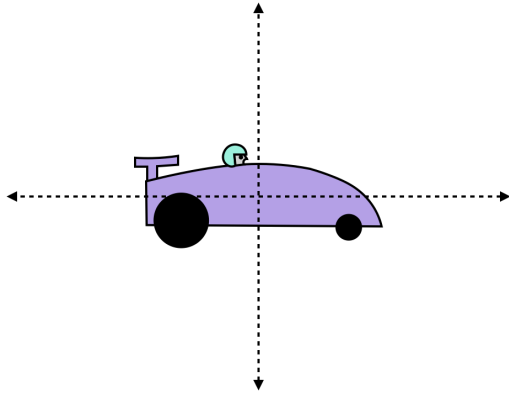


Car Stopping Distance

Step 1: For the side view of your car, draw in the three forces that are acting on the car and calculate the value of each of these forces. Show your work neatly in the space below



Step 2: Use Newton's Second Law to find the acceleration of the car based on the force you have in your picture above.

Step 3: Fill in the three variables about your car's motion into the chart below and then neatly show your calculations on how you determined the other two variables.

Δx	
v_i	
v_f	
a	
t	

Step 4: Enter your answers into the program to make sure you did everything correctly