

Part A: Speed of the Car with One Battery						
	1	2	3	4	5	6
Total Distance (cm)	Time Trial 1 (seconds)	Time Trial 2 (seconds)	Time Trial 3 (seconds)	Average Time (seconds)	Time for Each 100 cm Distance (seconds)	Average Speed for Each 100 cm Interval (cm/seconds)
0	0.00	0.00	0.00	0.00	0.00	
100						
200						
300						
400						
500						
600						

Part B: Speed of the Car with Two Batteries						
	1	2	3	4	5	6
Total Distance (cm)	Time Trial 1 (seconds)	Time Trial 2 (seconds)	Time Trial 3 (seconds)	Average Time (seconds)	Time for Each 100 cm Distance (seconds)	Average Speed for Each 100 cm Interval (cm/seconds)
0	0.00	0.00	0.00	0.00	0.00	
100						
200						
300						
400						
500						
600						

Part C: Average Speed
 Calculate the slope of each line on the graph Slope = $(d_2 - d_1) / (t_2 - t_1)$