

# Rally Round the Room

Driver: \_\_\_\_\_

Crew Chief (record): \_\_\_\_\_

Pit Crew (measure): \_\_\_\_\_

## **Register for the Rally:**

1. Enter Car number and name of the driver.
2. Measure and record specifications of the vehicle:
  - a. type (sports car, station wagon, truck, etc.)
  - b. color
  - c. weight (in grams)
  - d. length

Car	Driver	Specifications (specs)			
Number	Name	Type	Color	Mass	Length
				g	cm

Distance Traveled					
A	B	C	D		
cm	cm	cm	cm	Trial 1	
cm	cm	cm	cm	Trial 2	
cm	cm	cm	cm	Trial 3	
cm	cm	cm	cm	Average	

## **On your mark! Get Set! GO!**

1. Release your car from starting point A on the inclined plane.
2. Measure and record distance from point X to front wheel position of car at rest.
3. Repeat two more times from point A to determine an average distance traveled.
4. Repeat steps 1-3 from points B, C, and D on the inclined plane.

Technical Data Table:

Enter:

1. Range of distances traveled:

2. Median distance traveled:

3. Mean distance traveled:

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>