

Finding an Average

Take 3–5 measurements and fill in the data tables.

1. Measure and record the time it takes a car to travel down the first hill on a gravity ride.

Data Table One

Time for Cars to Travel down First Hill

	Watching from Sidelines					On the Ride				
Trials	1	2	3	4	5	1	2	3	4	5
Grizzly										
Demon										
Psycho Mouse										
Whitewater Falls										
Runaway Reptar										

2. Calculate the average time for the car to travel down the first hill for each ride.

	Sum of Times Watching	Average	Sum of Times Riding	Average
Grizzly				
Demon				
Psycho Mouse				
Whitewater Falls				
Runaway Reptar				

3. Count and record the number of people who can get on one run of a ride.

Data Table Two

Number of People on one run of a Ride

	Number of people per ride					Number of people per car				
Trials	1	2	3	4	5	1	2	3	4	5
Grizzly										
Demon										
Psycho Mouse										
Whitewater Falls										
Runaway Reptar										

4. Calculate the average number of people who can get on one run of a ride.

	Sum per Ride	Average	Sum per Car	Average
Grizzly				
Demon				
Psycho Mouse				
Whitewater Falls				
Runaway Reptar				