

Fast, Furious and Friction!



Grade Level: Elementary School

Friction Test

Name(s): _____

Question: How do the following variables impact a vehicle's performance on a ramp: track surface, car weight, tire material and degree of incline?

Prediction:

Trial Number	Track Surface Description	Degree of Incline	UNWEIGHTED CAR			WEIGHTED CAR		
			Car Weight (ounces)	Distance Traveled (inches)	Time Duration (seconds)	Car Weight (ounces)	Distance Traveled (inches)	Time Duration (seconds)
1								
2								
3								





Conclusion:

