



(What is SPEED?)

Lab #1

Hot Wheels Data Sheet - LAB #1

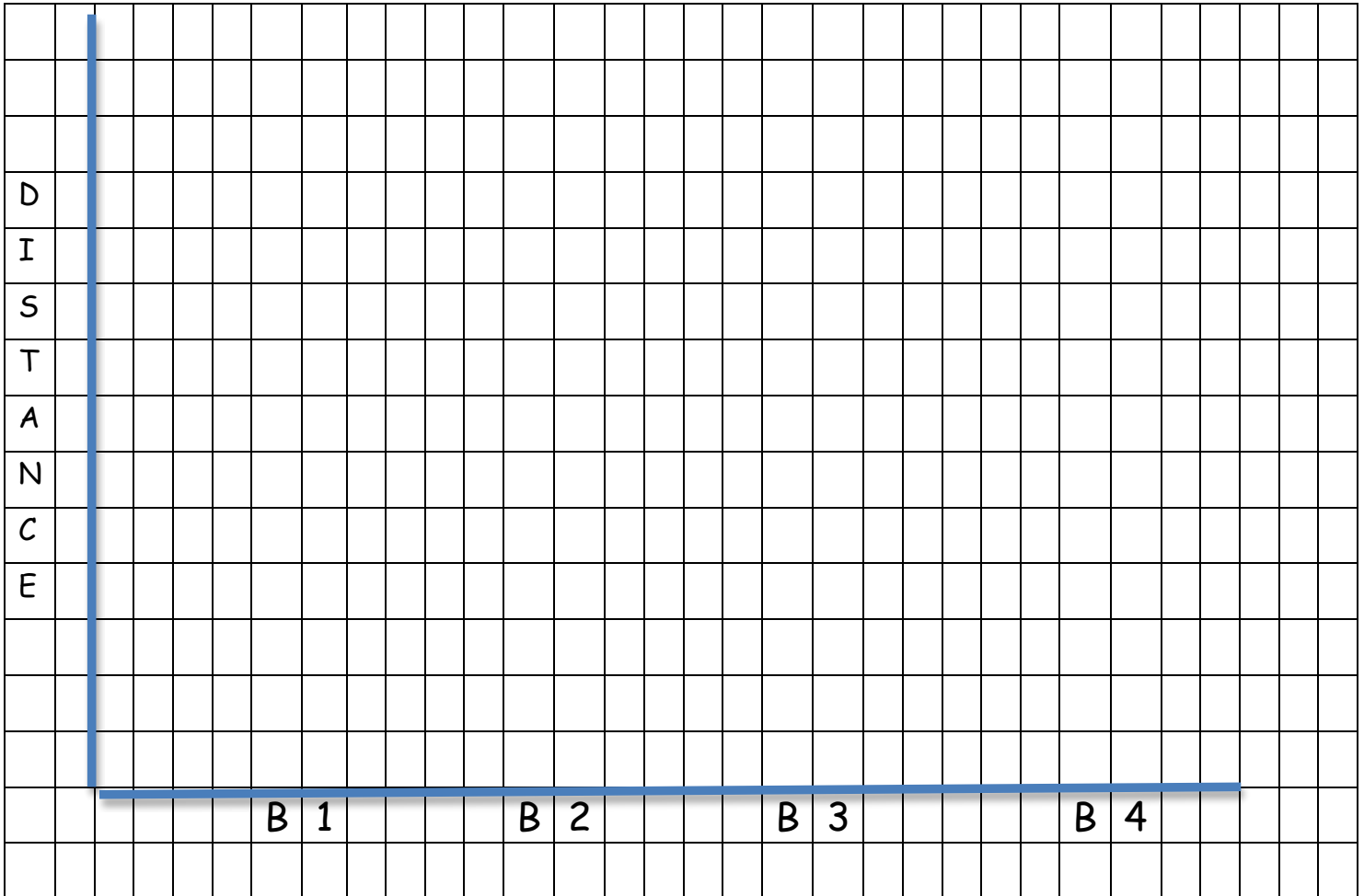
RAMP	Trial 1		Trial 2		Trial 3		Trial 4		AVERAGE	
	cm		cm		cm		cm		cm	
	Distance	Time	Distance	Time	Distance	Time	Distance	Time	Distance	Time
1 Book										
2 Books										
3 Books										
4 Books										

SPEED: Distance / Time

Book 1	Book 2	Book 3	Book 4



B) GRAPHING: Make a BAR graph of each Book Level and trial. Use a different color to represent each set of data collected.



Conclusion Question:

1. From your data table, explain how the HEIGHT of your ramp changed the distance that your car traveled.
2. From your data table, explain how the HEIGHT of your ramp changed the amount of time that your car traveled.
3. What other "FORCES" controlled the movement of your car.

Like starting, stopping, turning, slowing, speeding up

