Name _			Date	Period
	Speed, V	Velocity, and Aco	celeration Vi	rtual Lab
Note: Th	is worksheet is to be	e used the virtual lab: http://www.glenco	oe.com/sites/common_assets/sci	ence/virtual_labs/E12/E12.html
I. Comp	olete the following	ng questions before you begin:		
1.	Which challenge question are you answering? (It's the question near the timer on the simulation.)			
2.	Which three cars did you select?			
3.	Which one of the three cars do you predict will answer the challenge question?			
II. Reco	ord your measure	ements and calculations in the t	able below:	
	Car Color	Average Speed (m/s) Given with each car	Time (seconds)	Distance: Average Speed x Time (meters)
4.	Which car actually answered the challenge question? How does the results compare with your prediction?			
5.	Does the fastest car always travel the farthest? Why or why not?			
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6.	Does the car travelling the longest time always go the longest distance? Why or why not?			
7.		d applications depend on the re		