Hot Wheelin' Physics

Follow your teacher's directions to complete this lab activity. Be sure to record your lab results in the charts!

Trial 1:

Trial 2:

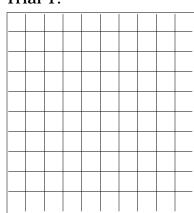
Trial 3:

Point	Distance	Time	Point	Distance	Time	Point	Distance	Time
Α			Α			Α		
В			В			В		
C			С			С		
D			D			D		
E			E			E		

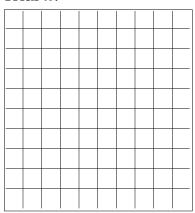
	Sp	peed = Distance ÷ Time			
	Calculate the speed for each tur work!	rial using the <u>total time</u> and	total distance. Show		
Trial 1:		Trial 2:	Trial 3:		
2.	Calculate the speed from <u>Poin</u> Trial 1:				
3.	Calculate the speed from Poin	t D to Point E for each trial.	Show your work!		
	Trial 1:	Trial 2:	Trial 3:		

4. Construct a graph to show your results. Be sure to label each graph!

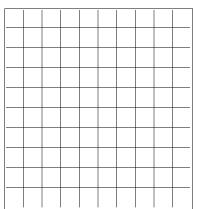
Trial 1:



Trial 2:



Trial 3:



5. Do your graphs represent a constant speed or an average speed?

6. Are your results reliable? Explain.