NAM	E:	TEACHER:
DATE	3:	LAB PARTNERS:
Lab 1:	How Fast Do You \	Valk?
	m: To collect and an ant Speed.)	alyze distance and time data for an object in Uniform Motion
Please	follow the general la	ab report format. (Attach pages as needed.)
	Please remember to i I your data in a neat	record all data with the same units actually used to take measurements. table.
Analys 1. 2. 3.	Make a graph of di horizontal axis.) Draw a line of best On the same graph to make these data tiny square around Draw a line of best line "dotted". On a squares, solid lines Calculate the slope substitution with un	record the distance versus time for the "Fast Walker". You will need points distinguishable from the previous data. For example make a set of data points and a tiny circle around the second set of data points. fit. To distinguish between the two best fit lines you can make one corner of the graph provide a key identifying the meaning of circles,
Question 1. 2. 3. 4. 5.	Describe what is si Describe what is di What does the slop If one of the walke	rs started to speed up (accelerate) how would the graph change? uph would look if one of the walkers could only walk half the distance
Time (seconds)		

## Conclusion:

- 1. Describe the graph of distance versus time for an object moving at constant speed.
- 2. How is the speed of an object represented on a graph of distance versus time?