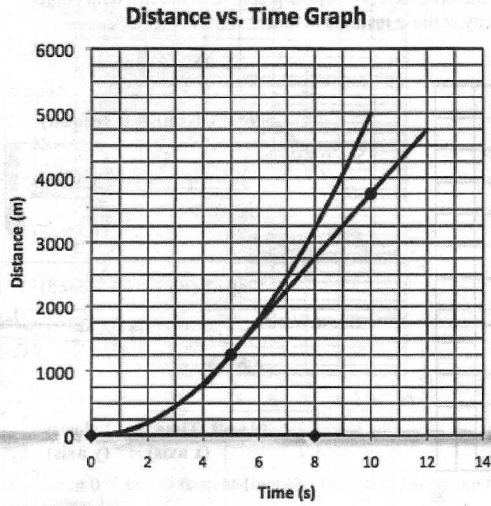


Graph #2



Slope 1 (time = 0 second)

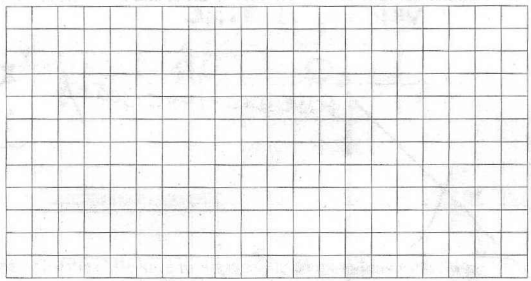
Show Work

Slope 2 (time = 5 second)

Show Work

	Time (x axis)	Velocity (y axis)
Slope 1	0 s	0 m/s
Slope 2	5 s	500 m/s

Graph the two slopes from the distance vs. time graph. Be sure to label and scale the axes! (See table)



Acceleration

What is the change in velocity from 1 second to 5 seconds? _____

How much time did it take to change that velocity? _____

Use **factors and labels** to find the slope of your graph above:

_____ x _____ = _____

What is the unit of your slope? What do you think it means? _____

Could acceleration also be "how fast something gets slower"? What do you think of this question as it applies to the slope you calculated?