## **Unit 1 CP: Graphing Practice**

Two snails are moving along a mini-snail race course. An observer measures how far each snail is with respect to the starting line for each second and collects the data in the table below. Graph this data using proper graphing techniques and find an equation (mathematical model) for distance vs. time for each of the snails.

NOTE: Snail #2 cheated and had a head start in the race. He didn't start at the starting line!

Time (s)	Snail #1	Snail #2			
	Distance (cm)	Distance (cm)			
0	0	5			
1	2	6.5			
2	3.5	7			
3	5.5	8.5			
4	7	10			
5	9	11.5			

Snail #1

Slope?

y-intercept?

Equation for line:

## Snail #2

Slope?

y-intercept?

Equation for line: