

- 1) Choose an XY graph design and choose the line type.
- 2) Click on the “Data” tab.
- 3) Enter your own Graph Title.
- 4) For X Axis Label, enter “time (seconds).”
- 5) For Y Axis Label, enter “displacement (meters).”
- 6) For Data Set, choose 5 Points and 1 Group.
- 7) Enter the following values for data points 1 – 5.

	X	Y
Point 1	0	0
Point 2	1	10
Point 3	2	20
Point 4	3	30
Point 5	4	40

- 8) Set the Min-Value for x as 0 (zero).
- 9) Set the Min-Value for y as 0 (zero).
- 10) Set the Max-Value for x as 4.
- 11) Set the Max-Value for y as 40.
- 12) Click on the “Preview” tab to see your graph.
- 13) Print and/or Save the graph.
- 14) Answer questions 1 and 2.

Repeat this procedure (steps 1 – 13) using the following data (change Max-Value for y to 16).

	X	Y
Point 1	0	0
Point 2	1	1
Point 3	2	4
Point 4	3	9
Point 5	4	16

- 15) Answer questions 3 and 4.

Now, let’s try one more graph, but this time we are going to do a velocity vs. time graph.

- 16) Choose an XY graph design and choose the line type.
- 17) Click on the “Data” tab.
- 18) Enter your own Graph Title.
- 19) For X Axis Label, enter “time (seconds).”
- 20) For Y Axis Label, enter “velocity (meters per second).”

- 21) For Data Set, choose 5 Points and 1 Group.
22) Enter the following values for data points 1 – 5.

	X	Y
Point 1	0	0
Point 2	1	2
Point 3	2	4
Point 4	3	6
Point 5	4	8

- 23) Set the Min-Value for x as 0 (zero).
24) Set the Min-Value for y as 0 (zero).
25) Set the Max-Value for x as 4.
26) Set the Max-Value for y as 10.
27) Click on the “Preview” tab to see your graph.
28) Print and/or Save the graph.
29) Answer question 5.