

### Graphing Practice #1

- 1) Construct a LINE GRAPH for the data in the following data table
- 2) Draw the graph on the graph paper below
- 3) Use a pencil and ruler. BE NEAT.

HEIGHT OF A PEA PLANT

DAY	1	2	3	4	5	6	7	8
HEIGHT(cm)	5	25	40	60	75	85	95	100

Steps:

1. Put the title above your graph
2. Label the X axis. To do this for the graph, write DAYS below the graph
3. Label the Y axis. To do this for the graph, write HEIGHT in CM on the left side
4. Place the units on the X Axis. Starting at 0, number from 0 through 8 and skip a line as you go across the bottom of the graph (Ex. 0, skip, 1, skip, 2, skip.....)
5. Place the units on the Y Axis. Starting at 0, number up to 105 cm letting EACH line represent 5 cm. (Ex. 0,5,10,15,20.....without skipping lines)
6. Since there is only one set of data, no key is needed.
7. You are now ready to plot the data from the table on the graph. Find the day on the X axis, move directly up until you find the correct height for that day, and then place a small dot.
8. Connect the data points. Use a ruler, start at 0 and connect them in order.

