The Linear Modeling Unit Name _____
Worksheet 3

Objective: When you have completed this worksheet you should know how to take minimal informations about a line and write the 'y=mx+b' model, find the slope of the line, find points on the line, and graph the line.

Using the information, fill in the table, make a graph, and find the general or standard form of the equation.

1. (1, 3) and (4, 6)

   ΔX=

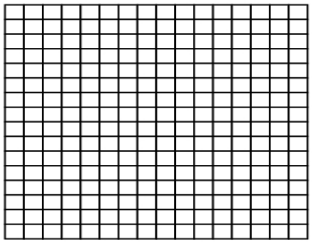
   ΔY=

   m=

   y=mx+b is

   _____

ΔY*X/ΔX =	X/ ΔX* =	X	Y



2. (0, -3) and (2, 1)

   ΔX=

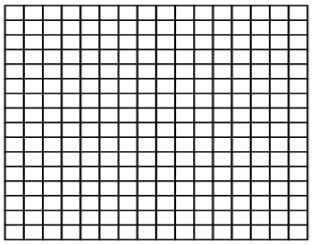
   ΔY=

   m=

   y=mx+b is

   _____

ΔY*X/ΔX =	X/ ΔX* =	X	Y



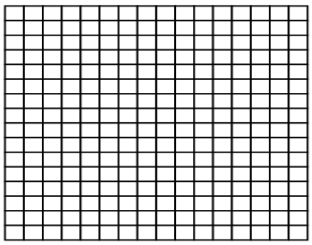
3. (-4, 5) and (-2, 1)

   ΔX=

   ΔY=

   m=

   y=mx+b is

   _____

ΔY*X/ΔX =	X/ ΔX* =	X	Y