

**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)

$\Delta X =$

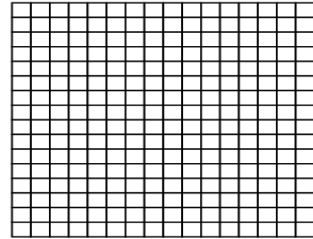
$\Delta Y =$

$m =$

$y = mx + b$  is

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$\Delta Y * X / \Delta X =$	$X / \Delta X * =$	X	Y



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

$\Delta X =$

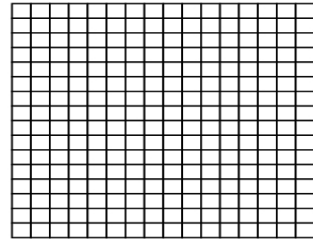
$\Delta Y =$

$m =$

$y = mx + b$  is

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$\Delta Y * X / \Delta X =$	$X / \Delta X * =$	X	Y



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

$\Delta X =$

$\Delta Y =$

$m =$

$y = mx + b$  is

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$\Delta Y * X / \Delta X =$	$X / \Delta X * =$	X	Y

