

Objective: When you finish this worksheet you should be able to take minimal information about a line and write the 'y=mx+b' form, the 'Ax+By=C' form, find points on the line, find the slope of the line, and graph the line.

Using the information, fill in enough of the table to make a graph and give the rest of the information on the left. Eventually you will be expected to graph and find the information without being given the tables.

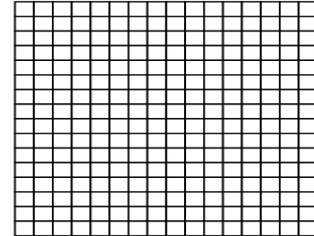
1. (1, 3) and (4, 6)

m=

y=mx+b

Ax + By = C

mx	ΔX	X	Y	ΔY	$\Delta y(x)$	$\Delta x(y)$	Diff



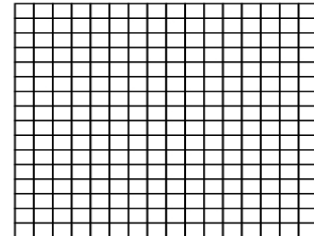
2. (0, -3) and (2, 1)

m=

y=mx+b

Ax + By = C

mx	ΔX	X	Y	ΔY	$\Delta y(x)$	$\Delta x(y)$	Diff



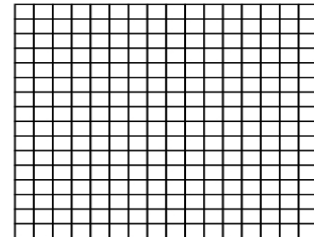
3. (-4, 5) and (-4, 4)

m=

y=mx+b

Ax + By = C

mx	ΔX	X	Y	ΔY	$\Delta y(x)$	$\Delta x(y)$	Diff



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

m=

y=mx+b

Ax + By = C

mx	ΔX	X	Y	ΔY	$\Delta y(x)$	$\Delta x(y)$	Diff

