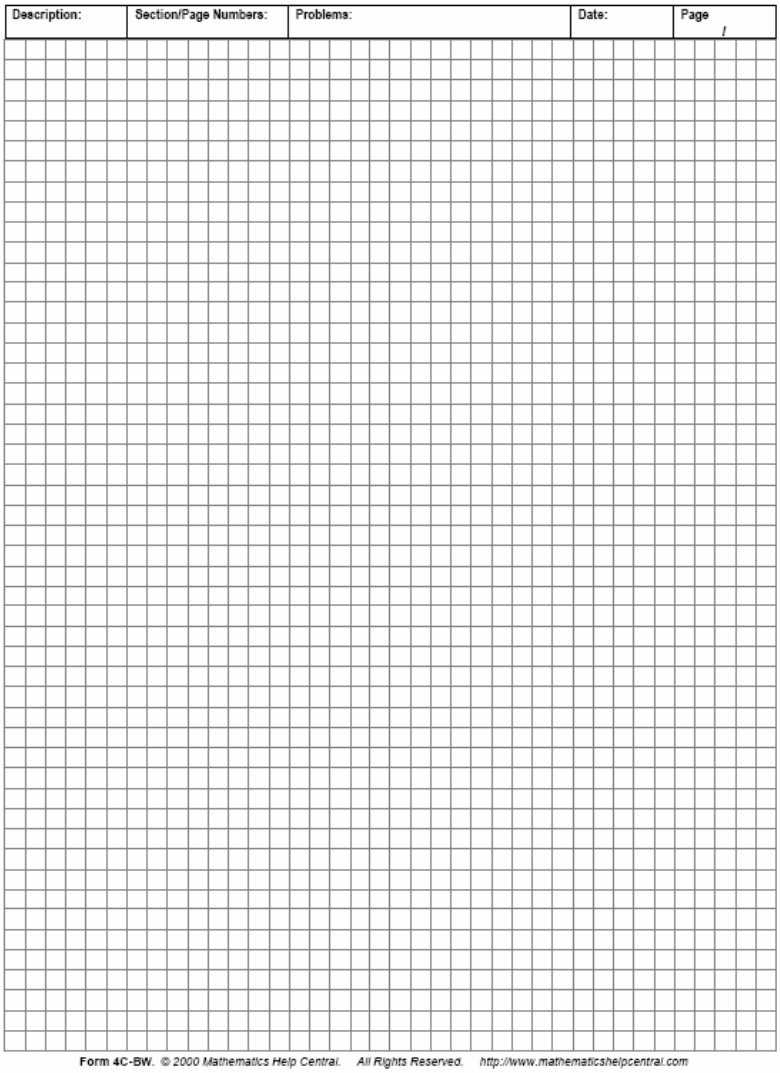
Math 1314, Quiz #2 Name _____
EPCC Fall 2006
August 31, 2006

1) Given the point $A=(-4,1)$ and the line $4x-2y=3$:

a. (10) Find the equation of THE line through point A and **parallel** to $4x-2y=3$.
Graph $4x-2y=3$ and the answer to this question on the Cartesian Plane below.

b. (10) Give the equation of ANY line that is **perpendicular** to the line $4x-2y=3$. Graph the equation you choose below.



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(There should be three lines drawn on this graph paper; two are parallel; the third is perpendicular to the others.)