

Exam 1

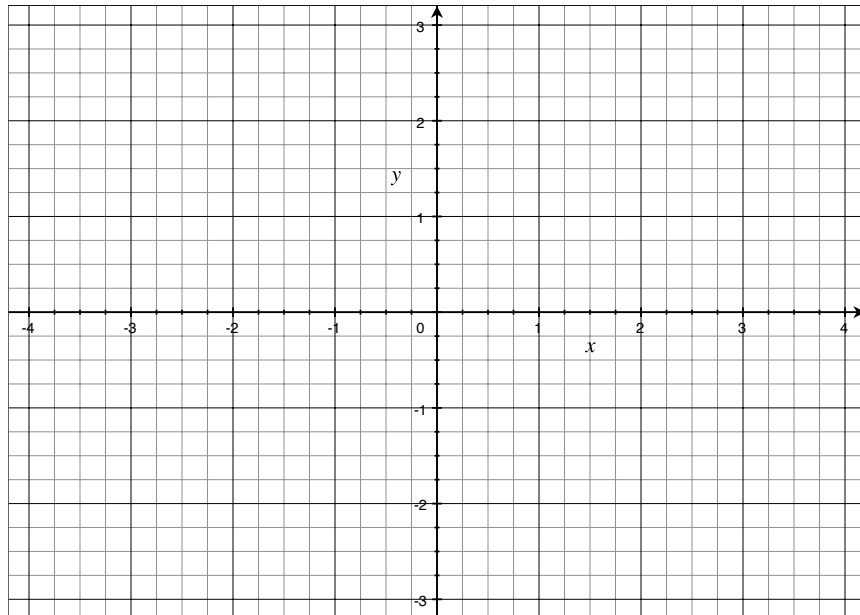
BCC Spring 2008 math 099

NAME _____

You have 50 min to complete this quiz.
Show **all your work**

1. Give the equation of the line that goes through the point $(2, 3)$ and is parallel to the x -axis.

2. Show the points $(-2, -2)$, $(3, 3)$ and $(4, 0)$ form a right triangle. Draw the triangle.



3. Can the following table represent variables that are related by a linear equation? If your answer is yes, **find the equation**.

m	5	6	7	8	9
p	407	438	469	500	531

4. A line goes through the point $(-2, -3)$ and has slope $m = \frac{3}{2}$. Use this information to find other **two** points on the line.

5. Find the equation of the line graphed below:

