

NAME:

BRONX COMMUNITY COLLEGE
of the City University of New York
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

MTH05

Quiz 6 (Sample)

Instructions Solve all problems. Each problem is worth the number of points indicated. Use pencil. Do all your work on this page if possible, but do the graphing on the graph paper provided. To receive credit for any problem, you must show all your work.

1. (20 points) Write the equation of the line through the point $(1, -2)$ with slope $\frac{2}{3}$.
2. (40 points) Graph the inequality $3x - 5y \leq 15$.
3. (40 points) Solve this system of equations:
 $3x + 2y = 8$.
 $2x - y = 3$.