

BRONX COMMUNITY COLLEGE
of the City University of New York

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

MATH 05
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Quiz 3
February 23, 2006

Name: _____

Secret Name: _____

Directions: You *must* show all your work in the provided space. Simplify your answers whenever possible. Be certain to indicate your final answer clearly.

1. Solve each of the following equations:

(a) $6x - 21 = 2x - 1$

(b) $2x - 3(x - 5) = 15$

(c) $5x - 6(x - 5) = 12 - x$

(d) $\frac{2x-9}{3} + \frac{x}{3} = x-3$

(e) $\frac{2x-1}{3} + \frac{x+5}{2} + 4 = \frac{2x+2}{6} + 2(x+5) - 10$