

BRONX COMMUNITY COLLEGE
of the City University of New York

DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

MATH 03
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Quiz 5
March 29, 2009

Print Name: _____

1. Solve the following equation:

$$2x - 5 = 4x - 15$$

2. Solve the following equation:

$$2(3x - 5) = -3(x + 2) - 4$$

3. Solve the following equation:

$$2(x - 5) + 4 = 7(x + 1) - 5x$$

4. Solve:

$$\frac{3x - 2}{4} = 2x - 1$$

5. Find a , if the following equation is a tautology:

$$3(2x - 1) = 6x + a$$

6. Find b , if $x = 4$ is a solution of the equation:

$$3x - 5 = a - x$$