

NAME:

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

MTH05

Quiz 2 (Sample)

Instructions

Solve all problems and mark your answers clearly. Do all your work on this page, and simplify fractions whenever possible. To receive full credit, all work must be shown.

1. Give the algebraic expression for dividing the sum of p and q by twice r .
2. If $x = -4$, $y = 5$, $z = -3$, what is the value of $\frac{2x + y}{z}$?
3. Subtract $2x^2 + x - 5$ from $5x^2 + 3x + 2$.
4. Solve: $5x + 17 = 2$
5. Solve: $11x + 13 = 6x - 7$
6. Solve: $-7x = 63$
7. Solve: $7x - 13 - 3x = 4 + 2x + 3$
8. Solve: $\frac{3x}{2} - \frac{2x}{3} = \frac{25}{6}$
9. Solve: $6(x - 2) = x + 3$
10. Solve: $-5x = 3x + 16$