

BRONX COMMUNITY COLLEGE
of the City University of New York

DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

MATH 03
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Quiz 3
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Print Name: _____

1. Evaluate each of the following expressions:

(a) $-5 + 2(5 - 6)$

(b) $-5^2 + 12 \div 2 \cdot 3$

(c) $21 - 3(2 - (5 - 7)^2)$

(d) $\sqrt{(2 - 5)^2 + 4^2}$

(e) $\frac{5^2 - 4^2}{5 + 4}$

(f) $2\sqrt{49} + 5(4 + 91 \div 13) - 6^2$

2. Evaluate each of the following expressions:

(a) $(x + y)^2$, when $x = 2$ and $y = -4$

(b) $x^2 + y^2$, when $x = 2$ and $y = -4$

(c) $x^2 + 2xy + y^2$, when $x = 2$ and $y = -4$

(d) $(x + y)^2$, when $x = 1$ and $y = 2$

(e) $x^2 + y^2$, when $x = 1$ and $y = 2$

(f) $x^2 + 2xy + y^2$, when $x = 1$ and $y = 2$