

BRONX COMMUNITY COLLEGE
of the City University of New York

DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

MATH 03
Nikos Apostolakis

Quiz 2
February 19, 2009

Print Name: _____

1. (15 points) Evaluate: $\left(-\frac{3}{4}\right)\left(\frac{2}{-9}\right)$

2. (15 points) Evaluate: $\frac{8}{15} \div \frac{-12}{25}$

3. Evaluate each of the following expressions. If an operation is *undefined* state so.

(a) (5 points) $\frac{0}{6}$

(b) (5 points) $\frac{5}{0}$

(c) (5 points) $(-1)^{24567}$

(d) (5 points) 3^0

(e) (5 points) 0^0

(f) (5 points) $(-4)^2$

(g) (5 points) -3^2

(h) (5 points) $-(-(-(-2)))$

(i) (5 points) $\sqrt{81}$

(j) (5 points) $\sqrt{-9}$

(k) (5 points) $\sqrt{(-2)^2}$

4. (15 points) Circle the *irrational* numbers: $\frac{4}{7}$, $\sqrt{7}$, π , $\sqrt{4}$, 3.46, $\sqrt{2}$, -34