

BRONX COMMUNITY COLLEGE
of the City University of New York

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

MATH 05
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Quiz 1
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Name: _____

1. Which of the following is larger? Which one has the larger absolute value?

A. $(-5) + (-3)$

B. $(-5) - (-3)$

2. Evaluate: $\left(-\frac{3}{4}\right) + \frac{5}{6}$.

3. Evaluate each of the following:

A. $|-4|$ B. $-|-4|$ C. $-(-4)$ D. $-(-(-(-(-4))))$

4. Evaluate $\frac{-5}{6} \cdot \frac{4}{-3} \cdot \left(-\frac{9}{40}\right) \cdot \frac{2}{7}$.

5. A rectangle has length $\frac{2}{5}$ ft and width $\frac{15}{2}$ ft. Find:

(a) The perimeter of the rectangle.

(b) The area of the rectangle.

6. A rectangle has area $\frac{7}{10}$ ft². If the length of the rectangle is $\frac{3}{5}$ ft, find its width