

Name: _____

Date: _____

Course: _____

Nyack College

College MATH

QUIZ #3

Directions: Provide complete responses to each question. Make sure to show your work.

1. FIND THE ADDITIVE INVERSE OF EACH NUMBER AND THE ABSOLUTE VALUE:

a. -2

b. 8

c. $-(-3)$

2. PROVIDE A NUMBER THAT SATISFIES EACH CONDITION

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a. AN INTEGER BETWEEN 6.5 AND 7.5

b. A WHOLE NUMBER THAT IS NOT POSITIVE AND IS LESS THAN 1

c. AN IRRATIONAL NUMBER THAT IS BETWEEN $\sqrt{13}$ AND $\sqrt{15}$

3. EVALUATE THE FOLLOWING EXPRESSIONS:

a. $-6+(-7)$

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b. $-12 + (-12)$

c. $6 - 8$

d. $15 - (-3)$

e. $-8 \times (-3)$

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f. $-12 \times (-(-3))$

g. $\frac{-15}{-5}$

h. $\frac{-55}{5}$

i. $\frac{-105}{-7}$

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j. $\frac{-25(10-8) \div 5}{-5 \times 2}$

k. $\frac{2}{15} + \frac{3}{10}$

l. $\frac{173}{180} + \frac{60}{1200}$