

Name _____

MATH 221: BASIC CONCEPTS OF ELEMENTARY MATHEMATICS I

Quiz #12

Points: Each problem is worth 4 points.

1. What is the least nonnegative integer n such that $38 \equiv n \pmod{5}$?

(a) 1

(b) 2

(c) 3

(d) 4

2. Which of the following is true?

(a) $\frac{-7}{8} = \frac{-4}{5}$

(b) $\frac{-7}{8} = \frac{5}{-4}$

(c) $\frac{-7}{8} > \frac{-4}{5}$

(d) $\frac{-7}{8} < \frac{-4}{5}$