Study quizzes 4 – 9 and the homework from the following sections. The test will be very similar to the quizzes.

(3.3) lattice multiplication, properties of exponents, standard division algorithm, word problems which basic arithmetic, multiplication using different bases.

(3.4) mental mathematics not on test

(4.3) divisibility tests for 2, 3, 5, 9, and 10

(4.4) primes, factorization, word problems like #7, 8, or the bear problem on page 236.

(4.5) GCD or LCM of two numbers, word problems like #8, 10, 12, 20, or 29.

(4.6) clock arithmetic (addition and subtraction), modular arithmetic

(5.1) rational numbers (basics like simplifying)

(5.2) addition and subtraction of rational numbers including word problems

(5.3) dealing with exponents for rational numbers, multiplication and division of rational numbers including word problems

(6.1) basics of decimals including knowing when a fraction can be represented as a terminating decimal

(6.2) scientific notation, converting between different units for length, area, or volume.

(6.3) converting between fractions and decimals and knowing the symbol to show that one part of a decimal is repeating

(6.4) one or two word problems on percents

(6.6) not on test