

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