Name _____ Per _____
Mrs. Perachi/ Math6

Fraction Test Date: **Thursday-Friday December 9-10, 2015**

Study Guide for Fractional Operations Unit 4 Test

1. You are responsible for information taught in class and on homework. Remember that mathematics is a subject that spirals (it builds upon itself), and there will be a couple of questions from previous lessons learned.

2. You are responsible for all vocabulary from this Fraction Unit. There is a great deal of new vocabulary in this chapter, so be sure to study these terms. Remember, vocabulary from previous sections that we are currently using in class may be on the quiz. There is a quizlet posted on my website to help you practice.

3. Adding Fractions & Mixed Numbers
     Know how to add mixed numbers.

4. Subtracting Fractions & Mixed Numbers
     Know how to subtract mixed numbers.

5. Multiplying Whole Numbers, Fractions, & Mixed Numbers
     Know how to multiply a fraction by another fraction.
     Know how to convert mixed↔impropers.

6. Dividing Whole Numbers, Fractions, & Mixed Numbers
     Know how to divide a whole number by a fraction.
     Know how to convert mixed↔impropers.
     Know how to solve a fractional division problem with an area model.

7. Dividing Fractions by Fractions
     Know how to divide a fraction by a fraction or a whole number.

8. Solve for GCF and LCM of two or three values (teacher generated notes and materials).

9. Applying the GCF to story problems (teacher generated notes and materials).
     Know how to solve for GCF word problems.

10. Applying the LCM to story problems (teacher generated notes and materials).
     Know how to solve for LCM word problems.

11. Know how to **SIMPLIFY** all fractional answers**. ALL ANSWERS MUST BE IN SIMPLEST FORM.**

12. Review concepts from Unit 3: Prime Factorization, Applying an Exponent, and Order of Operations.