Math 211, Exam THREE Review

Exam Three is an in-class exam, given Thursday, Week 10 (see course schedule)

- For Exam THREE you should study your assigned homework, the examples in our textbook and the class activities we have done in class for Sections 3.4, 4.1, 4.2 and 5.1.
- Exam Three is a mix of multiple choice and short answer questions.
- You may use your personal manipulative kit during the exam.
- You may not use a cell phone or any other electronic device during the exam.
- You may <u>not</u> use a calculator during the exam.

CONCEPTS TO KNOW

- The three division models: Sharing (portative), Measurement (subtractive) and Array. For each division model you should be able to:
    - Sketch, label and explain base 10 pieces modeling the division setting
    - Group objects to show the division setting (sharing and measurement only)
    - Write a simple story problem that illustrates the division setting (sharing and measurement only)
- The concepts of factor, divisibility and multiple and how to write this symbolically (i.e. a | b).
- The concept of Least Common Multiple, what it means, how to compute it, how to apply it and its relationship to GCF
- The concept of Greatest Common Factor, what it means, how to compute it, how to apply it and its relationship to LCM
- Divisibility tests for 2, 3, 4, 5, 6, 9 and 10, what they are and how to apply them
- Black and Red tile models for integer addition, subtraction, multiplication and division; how to use them, what they mean
- Number Properties of addition, subtraction, multiplication and division of integers

REVIEW PROBLEMS

Practice Problems: Chapter Three Test, page 211
13: However, this one problem is not enough practice for this concept, refer to class handouts, homework problems, activity set activities and homework and make up your own examples and see the list above

Practice Problems: Chapter Four Test, page 252-253
1 - 15

Practice Problems: Chapter Five Test, page 336
1 – 4, however, this is not enough practice, refer to class handouts, homework problems, activity set activities and homework and make up your own examples and see the list above

Your exam will cover all assigned homework & class activities! Just studying the Chapter Test questions will not be a sufficient review for Exam Three.