Exam TWO is an in-class exam given on Tuesday, November 6, 2007

For Exam TWO you should study your assigned homework, the examples in our text and the class activities we have done in class for Sections 2.3, 3.1, 3.2 and 3.3.

Exam Two is all short answer questions.

You may use your calculator and your personal manipulative kit during the exam.

You may not use a cell phone during the exam.

You may use one side of a 3” x 5” note card of notes for the exam (15 in²).

CONCEPTS TO KNOW

Chapter Two Review Topics, page 120

- 7abc and 8bc
  - Including sketching Venn Diagrams to support your work for these topics
  - Including writing the converse, the inverse and the contrapositive of a given conditional statement

Chapter Three Review Topics, page 209-210

- 1(all)
  - Including converting base 10 numbers to Babylonian, Mayan and Egyptian
  - Including writing numbers in expanded form
- 3(all)
  - Including converting base number collections to the total number of units or converting base number collections to the minimal collection
  - Including sketching and explaining addition and subtraction with base number pieces and connecting this work to the standard paper and pencil algorithm
- 4e
  - Including writing story problems for each of the three subtraction settings
- 5ab and 6b
  - Including modeling multiplication with rectangular arrays and connecting this work to the standard paper and pencil algorithm and partial products
- 7
  - Including explaining whether or not a given set under a given operation is closed or not closed and why
  - Including explaining whether or not a given set under a given operation has a property such as commutative, associative, etc. and why
- 9, 10
  - Including using each of the techniques explored on the in-class 3.2-3.3 mental calculations and estimations worksheet

REVIEW PROBLEMS

Practice Problems: Chapter Two Test, page 119

# 14 - 20

Practice Problems: Chapter Three Test, page 210-211

#1-3, 4(a,c), 5, 6b, 7, 8(b,c), 9, 10, 11(a,c), 14abc, 15

I will feel free to draw from all assigned homework & class activities! Just studying the Chapter Test questions will not be a sufficient review for Exam Two