MATH 212 SCAVENGER HUNT DIRECTIONS, WINTER 2009

SCAVENGER HUNT

You will draw a topic the first week of class; your task is to find two references to this topic in two different mathematics textbooks for children.

Procedure

- Draw a topic
- Please write your name on
    - The master class list and
    - By the topic on your personal scavenger hunt topic copy

- Determine your topic due date (look at the online course schedule)
- Go to the state adopted textbook section of the Hemersly Library, 2nd floor, head all of the way to the windows in the back, before the windows, on the left, you will find the (labeled) state adopted textbooks. ASK for help if you can't find the books you need. You may also find suitable books in an elementary or middle school classroom; acceptable texts are texts that are currently in use,
- Look over a variety of books until you find two good examples / references to your topic in two different grade level books. Don't go past 8th grade if you can help it. Don't go past 9th grade at all. Try to get one low and one higher grade level with different approaches to the topic.
- Double check the example you found is NOT already pictured on our class text book.
- Double check the example you found is NOT really an example for a similar topic listed near your topic.
- Photocopy the page(s) you have found and write a complete reference for each of the books on the corresponding photocopied pages: title, grade level, author name(s), publisher, publication date and ISBN number—look by the book barcode.
- Bring the pages to class to a) share and b) turn in (write your name on them).
- Towards the beginning of class you will be asked to share what you have found with the class—you will be asked to project up the pages and briefly discuss how they relate to the topic and to our class
- This presentation should take about 3 minutes
- If you need help, please ask!

Topic #	SCAVENGER HUNT TOPICS	NAME (please print clearly)
1.	Equality of Fractions	
2.	Common Denominators	
3.	Fraction Addition / Subtraction	
4.	Fraction Multiplication	
5.	Fraction Division	
6.	Decimal Place Values	
7.	Equality of Decimals	
8.	Rational Numbers (fractions) as Decimals	
9.	Decimal Addition / Subtraction	
10.	Decimal Multiplication	
11.	Decimal Division	
12.	Repeating Decimals	
13.	Proportions (try without percents)	
14.	Percents (try without proportions)	
15.	Scientific Notation	
16.	Pythagorean Theorem	
17.	Square Roots (try without Pythagorean Theorem)	
18.	Bar Graphs & Pie (Circle) Graphs	
19.	Line Plots & Pictographs	
20.	Stem and Leaf Plots	
21.	Histograms or Line Graphs	
22.	Models for Averaging	
23.	Mean, Median and Mode	
24.	Box and Whisker Plot (Box Plot)	
25.	Statistics Simulations (or Experiments)	
26.	Distributions (Skewed or Symmetric)	
27.	Percentiles, Z-scores or Standard Deviation	
28.	Probability Simulations (or Experiments)	
29.	Basic Probability Questions or Models	
30.	Multistage Probability (trees)	
31.	Independent or Dependent Events	
32.	Mutually Exclusive or Complementary Events	