

Exam 2 Information

Math 99 ABL2 – Fall 2011

Material Covered:

The exam will cover material from the previous course (Math 98), and from in-class discussions. These topics are listed on the Course Outline published on the class's web site.

Topics

Perimeter and area of a rectangle
Division with a remainder
Divisors of a number
Prime numbers
Rules of divisibility by 2, 3, and 6
Integers (operations on positive and negative numbers)
Fractions
Order of Operations
Evaluating Algebraic Expressions
Solution of Equations
Solving Linear Equations
Simplifying Algebraic Expressions
Exponents
Graphing a line
Radical expressions
Factoring 1
Factoring by Completing the Square
Word problems (linear and quadratic)

Practice:

Problem Sets 1-15, Review for Quizzes 1-9, Review for Exams 1 and 2

Topics from the textbook:

Chapter 1: Review of Real Numbers:	1.2-1.8
Chapter 2: Equations, Inequalities:	2.1-2.5, 2.7
Chapter 3: Graphs:	3.1, 3.2
Chapter 5: Exponents and Polynomials	5.1-5.4
Chapter 6: Factoring Polynomials:	6.1, 6.5, 6.6, 6.7
Chapter 7: Rational Expressions:	7.1-7.4
Chapter 9: Inequalities and Absolute Value	9.1, 9.2
Chapter 10: Rational Exponents, Radicals	10.1, 10.3, 10.4, 10.5
Chapter 11: Quadratic Equations	11.1