

Exam 1 Review

Math 1090-008

Topics to Study

Chapter 0: Algebra Refresher

- Know how to perform operations on numbers
 - ie. look over pages 7 and 8
- Know how to perform operations exponents and radicals
 - ie. look over page 11
 - REDO exponent/radical practice handout
- Know how to perform operations on equations
 - ie. adding, subtracting, multiplying (FOIL), dividing (including long division)
 - this includes operations on fractions
 - rationalizing denominators
- Know how to factor
 - REDO factoring practice handout
- Know how to solve linear and quadratic equations
 - MEMORIZE the quadratic formula

Chapter 1: Applications of Equations and Inequalities

- Know how to solve story problems (equalities and inequalities)
 - ie. be able to write down the equation and solve
- Know how to solve inequalities
- Know how to solve absolute value equalities and inequalities

How to Study

- REDO and make sure to understand ALL HOMEWORK problems (from homeworks 1, 2 and 3)
- DO the optional problems given on the homeworks
- REDO all the examples given in class
- REDO handout practice sheets given in class