TRS 92 Foundational Skills Requirement

What is the Foundational Skills Requirement? There are certain skills that we expect you to have coming into Intermediate Algebra. Your success in this course will depend largely on having this foundation. These skills will be reviewed in homework, but will not be taught fully in class. It is your responsibility as a student to make sure you have these skills or to get help in reviewing them. You may visit your instructor during office hours or the Algebra Alcove to get help in preparing for the test.

How will the Foundational Skills be assessed? You will be given a Foundational Skills Test as part of your first test. This test will cover the four skill categories listed below. Calculators will be allowed on the percent section of the test, but will not be allowed for the other sections of the Foundational Skills Test component. You may get permission from your instructor to use a multiplication table if you wish. All calculations will involve numbers that are easy to work with.

List of Skills

1. Fractions
   - Express a fraction in simplest form
   - Add, subtract, multiply and divide fractions.
2. Percent
   - Convert between fractions, decimals and percents
   - Calculate the percent of a number
   - Find the percent one number is of another
3. Rational Numbers
   - Correctly compare the size of rational numbers (fractions, decimals, negative and positive numbers) -- *includes the correct use of inequality symbols: >, <
   - Add, subtract, multiply and divide negative and positive numbers
4. Expressions and Equations
   - Use Order of Operations to correctly simplify algebraic expressions involving grouping symbols, multiplication, division, addition and subtraction
   - Solve equations with one variable