Lesson 1: Preparing for Success

Structured Notes

Instructions: Carefully read through Lesson 1 in the MATH 108X Online Textbook. Then respond to each of the following prompts. Rather than simply copying and pasting information from the textbook, try to put your responses in your own words so that they will serve as a good reference as you study for your assignments and exams.

Tips for Success

1. Which tips for success do you want to try in this class?

Algebraic Tools

2. Write rules and examples for the following.

   Adding fractions:

   Subtracting fractions:

   Multiplying fractions:

   Dividing fractions:

   Order of operations:

3. Write rules and examples for the following exponent rules.

   Product rule:

   Power of a power rule:

   Power of a product rule:

Negative exponent rule:

Challenging Examples

Use this space to include worked out examples of challenging questions from the lesson quiz.