

Section Title: \_\_\_\_\_

Vocabulary	Formulas	Questions for tomorrow
Work area for examples	Notes on chapter (include common errors and study tips, can be in your own words)	I can statement here (After reading the section, revisit the I can statement and rank( E, M, or H) your understanding.  E = easy, I've got this and can move on M= Medium, I have some questions, but once those are answers I should be fine. H= hard, I need help on this.

Skip: Critique and Explore and Try It!

## A Guide for Reading Mathematics Textbooks

This year in advanced algebra II you will be asked to read a section of your textbook, study the examples, and be ready to discuss the topic the next day in class. Reading a math textbook can be difficult. Here are some tips for reading your math textbook and what you need to provide to get credit for your reading.

Tip 1: Focus on concepts, not exercises. You cannot memorize types of math problems. Take the time to understand the concept and then you can solve any type of problem.

Tip 2: Read the text more than once. The first time you read scan for the big idea. The second time you read begin to fill in the details. Think about the key concepts, theorems, and formulas and how they are used.

Tip 3: Study the examples, pictures, and diagrams. Pay attention to what is important to the key concepts of the particular section.

Tip 4: Make notes of what you don't understand so that you can ask in class. Our textbook has some great tutorials available so don't forget to check them out.

You need to:

1. Write all vocabulary words and their definitions. At the beginning of each section there is a vocabulary list. This is a great place to include key concepts that aren't on the list. The glossary may be a great tool for this section. Also try writing the definition in your own words to increase understanding.
2. Write down formulas that are used in the section.
3. After you have read through the section twice, attempt the examples. You must show work for all examples. Please attempt to answer the example on your own. You will not learn by copying the work from the book. Study the examples and try to understand how a formula was used and what information the formula gave us.
4. Include other notes you may have.
5. Make a list of questions about the section that need to be addressed the next day.