

# Tackling Your Math Class

## BEFORE CLASS

- BE COMFORTABLE WITH PREVIOUS MATERIAL
  - Address concerns A.S.A.P.
  - Continually *PRACTICE* previous skills
- READ YOUR TEXT

### STEP 1: SURVEY

- Look for key concepts, terminology, diagrams, and equations. (Often these are headings, italicized words, or highlighted in boxes.)
- Make a note of new symbols used.

### STEP 2: QUESTION

- Identify the types of questions you will be expected to solve or that you want answered. (Skim through the examples shown and the problems at the end of the section/chapter.)

### STEP 3: READ

- Actually READ the text
- WORK THROUGH some sample problems

### STEP 4: RECITE

- TALK through what you learned
- Explain how to solve the sample problems

### STEP 5: PREPARE QUESTIONS

- Generate a list of questions you want answered in class.

## DURING CLASS

- BE ATTENTIVE AND ENGAGED
  - Sit upfront
  - Predict what will happen next
  - Ask questions!!!
- USE THE 3-COLUMN NOTE FORMAT

Key Words	Examples/Equations	Explanation/Rules
	$2(x + 4) = 17$	
Distributive Property	$2x + 8 = 17$	multiplied 2 by both terms in parentheses
Area of a circle	$A = \pi r^2$	Area = pi times the radius squared

## **AFTER CLASS**

- **REREAD THE TEXT**
  - Reread the section as soon as possible after class
  - Readdress previously confusing material
  - Rework sample problems & TALK through the steps that must be taken
  
- **DO ALL OF THE HOMEWORK + MORE**
  - Complete all assignments in a timely manner
  - Do extra practice problems as needed
  
- **FORM SMALL STUDY GROUPS**
  - No more than 4 students
  
- **ADDRESS CONCERNS A.S.A.P.**
  - Classmates & Friends
  - Professor and/or Teaching Assistant's office hours (or by appointment)
  - Alternate text books or websites
  - Tutoring Center (2<sup>nd</sup> Floor Sullivan Center, 773-508-7708)
  - Learning Assistance (2<sup>nd</sup> Floor Sullivan Center, 773-508-7714)