

# MAT103A/B (Fall 2015)

Instructor: Arman Banimahd

*"It's not that I'm so smart, it's just that I stay with problems longer."*

~Albert Einstein

## Note Taking During

### YouTube Lecture/ALEKS Checklist:

- ✓ Today's date at the top corner of each page.
  - ✓ Title to break ideas. (e.g., Decimals or in ALEKS the topic title)
  - ✓ Use different colors/underlining to highlight important ideas.
  - ✓ Write down question marks or scribble questions in the margins for ideas that didn't quite make sense in class.
  - ✓ If someone else missed class, could they follow your notes and have a basic understanding of what happened during class?
  - ✓ Summarize your class notes at the end of that section or day.
- In addition while working in ALEKS
- ✓ Copy the explanation of the first problem you attempted from the ALEKS topic exactly
  - ✓ Write every step necessary for the problem in this topic the same way as the ALEKS explanation

## Problem-Solving Checklist:

1. In your own words, write the goal of the problem? (What, Why, Find, Drawing a picture can help.)
2. Think back to any of the concepts that you've already learned about. **Close your eyes, focus on your breath, and give yourself at least 5 minutes to think silently.** Write down a problem that you've solved in the past that looks similar to the current problem.
3. Ignore your self-doubt and inclination to give up. This is your opportunity to GROW and IT MAY CAUSE DISCOMFORT.
4. Write down the mathematical vocabulary/tools you might want to use or already have used to solve this problem or one similar to this one?
5. If you're still stuck, repeat steps 2-4 again.

***\*\*It's noble to struggle for several minutes on a problem, so don't get discouraged***

## Study Checklist:

- ✓ Did you spend 2 hours for every 50 minute class period outside of class studying and reviewing?
  - ✓ Did you finish the assigned video logs (ALEKS and non-ALEKS) for next class period?
  - ✓ Did you write summaries for each lecture?
  - ✓ **Did you fill out your goal tracker sheets?**
- ✓ GET HELP WHEN NEEDED.

***"He who asks a question may be a fool for five minutes, but he who never asks a question remains a fool forever."***

~Tom Connelly