

# MATH 205 Survival Guide - Flashcards

By Frogge

## 1 Anki

There's a lot of stuff to memorize in MATH 205, and flashcards help *a lot*.

I wanted to regularly sync them between my PC and my phone. The only software that fit the bill was [Anki](#) (the other ones don't support mathematical notation).

Feel free to use and modify my flashcards ([flashcards.colpkg](#) file).

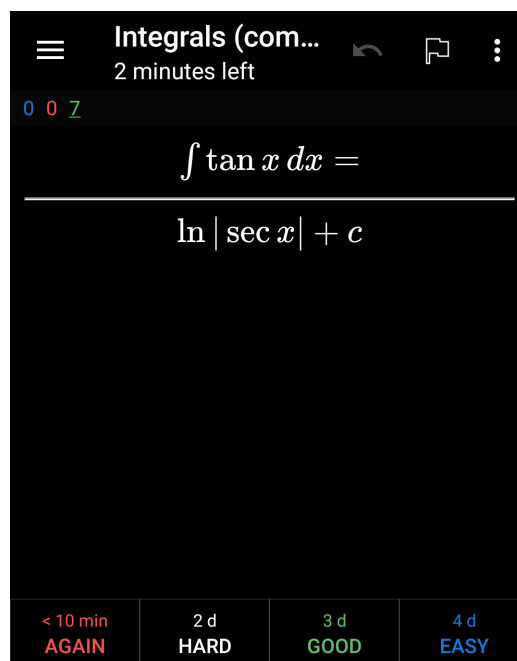


Figure 1: A flashcard displayed by AnkiDroid on mobile.

## 2 Decks

Purple decks only need to be memorized for the final, the rest should be memorized for the midterm.

There's about 180 cards but 80 of them are reviews of Calculus I and earlier topics. 50 cards are Calculus II pre-midterm content, and another 50 are post-midterm content.

Anki's spaced repetition system quickly narrows the cards down to the challenging ones.

### 2.1 Pre-Calculus

- Algebra
- Factoring
- Functions
- Trigonometry

### 2.2 Calculus I

- Limits
- Derivatives (rules)
- Derivatives (common)

### 2.3 Calculus II

- Summation Notation
- Integrals (rules)
- Integrals (common)
- Integrals (improper)
- Sequences (rules)
- Series (rules)
- Series (tests)
- Maclaurin Series

### 2.4 Common Patterns

- Midterm Tricks
- Final Tricks