MA 16010

Spring 2018, Section 004

My Information

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Office Hours: Tuesdays 11:30am-1:30pm, held in MATH 205/211

Bring a Calculator!
TI-30Xa recommended

Quizzes

- 15 quizzes
- 5 points each
- Lowest score dropped
- No make up quizzes!!!

Exams

- 3 multiple choice exams
- 100 point each
- 1 final exam
- 200 points
- Multiple choice
- See calendar or course webpage for schedule

Homework

- Due at 10pm the next class day
- Completed in LON-CAPA
- 2 points each
- Lowest score is dropped

Online Homework System
- loncapa.purdue.edu

Read Formatting Tips!

Homework Help
- Office Hours in MATH 205/211
- Piazza

Homework 1
- Due Wednesday at 10pm
- This should be review!

Review

- Exponent Rules
  - $a^{m+n} = a^m a^n$
  - $\frac{a^m}{a^n} = a^{m-n}$
  - $a^{mn} = (a^m)^n$
  - $e^{\log a} = a$
- Logarithm Rules
  - $\log(ab) = \log a + \log b$
  - $\log\left(\frac{a}{b}\right) = \log a - \log b$
  - $\log(a^n) = n \log a$
  - $\log(e^a) = a$ (in particular, $\log 1 = 0,\ \log e = 1$)
- Trigonometry
  - Trig Definitions: $\sin\theta = \frac{opposite}{hypotenuse}$, etc.
  - Trig Relations: $\tan\theta = \frac{\sin\theta}{\cos\theta}$, etc.
  - Common angles/triangles
    - $\frac{\pi}{6}, \frac{\pi}{4}, \frac{\pi}{3}$, etc.
  - Graphs of $\sin x, \cos x, \tan x$, etc.