

Welcome to Calculus 2!

Day 1 Activities

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Class Notes #1

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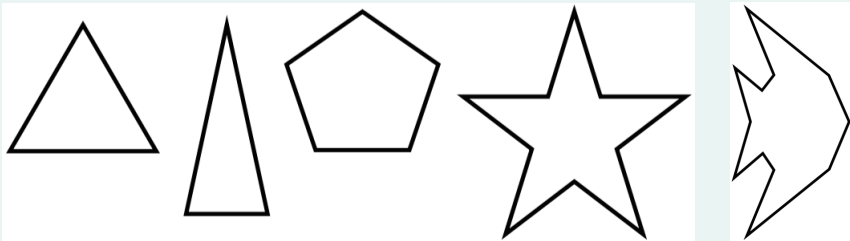
- 1 Opening Activity: One Cut
- 2 Website Links & Syllabus Scavenger Hunt
- 3 The Ultimate Calc 1 Review Activity
- 4 Start covering new material: Section 6.1, 6.2

Fun with cuts

- **Directions:** Cut out the geometric figure with only **ONE** straight cut.
- You can fold, crease, crinkle, & wrinkle, but you may **NOT** rip. . .
- Story of American Flag & Betsy Ross

Fun with cuts

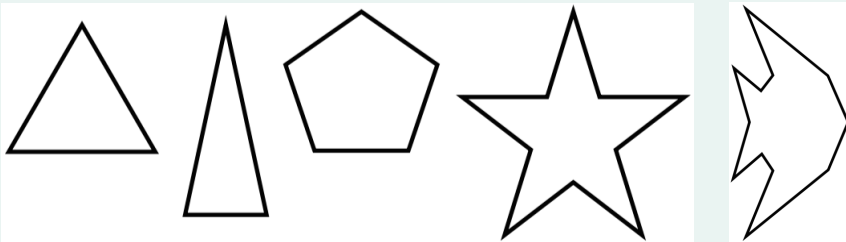
- **Directions:** Cut out the geometric figure with only **ONE** straight cut.
- You can fold, crease, crinkle, & wrinkle, but you may **NOT** rip...
- Story of American Flag & Betsy Ross



Learn more: <http://erikdemaine.org/foldcut/>

Fun with cuts

- Discuss with your group: What do you think the point of this activity is?



Website Links & Syllabus Scavenger Hunt

Important Websites for this class

- My personal Math 5B website: http://bit.ly/jorgemathbasilio_Math5B
- Canvas: <https://lancerpoint.pasadena.edu/>
- WebAssign: <http://www.webassign.net/>

Syllabus Scavenger Hunt

- Go to my personal Math 5B website
- Download/Open the **Course Syllabus** on your computer or cell phone
 - Course Syllabus is below the [Schedule/Calendar](#)
- Download/Open the **Syllabus Scavenger Hunt** on your computer or cell phone
 - Syllabus Scavenger Hunt is under [Week 1 > Hand outs](#)

Important Syllabus Highlights

Grading Criteria:

- Pre-class Assignments (PCAs)6%
- In-class Assignments (ICAs)6%
- Online Assignments (OAs) 10%
- Labs5%
- Exams (4 @ 12% each) 48%
- Final Exam25%

Grade Cut-offs:

- A 89-100%
- B 79-88%
- C 69-78%
- D 60-68%
- F <59%

Important Syllabus Highlights

Pre-Class Assignments

- Done online using and due **before** we cover the material in class
- Due 10 minutes **before** class starts
- Example: if the schedule says we'll cover sections §1.1 and §1.2 on Tuesday, Feb 40, then you need to do two PCAs online and they are due at 3:50pm on Tuesday, Feb 40.
- Essentially: reading assignments. Take 10-15 minutes after you've read the corresponding material.

In-Class Assignments

- Done during class
- (1) your class notes, plus
(2) solutions to
Group-work and
Activities
- Collected on test days

Online Assignments

- Done online class
- Basically your typical homework assignment

Important Syllabus Highlights

Attendance

- You are required to attend all classes—please be on time!
- Excessive absences will affect your overall grade in class.
- **Students may be dropped from class after (cumulative) 4 absences.**
- Please note that **3 tardies = 1 absence**, and if more than 20 min late or leave before the end of class, you will be marked absent.

Class Rules

- **Environment of Respect**
- Be clean – do not leave trash
- No food or uncovered drinks, be clean!
- Don't bring food into the classroom, period. It's distracting. Only liquids with a non-spill lid are allowed.
- Computer & Tablet Policy

Important Syllabus Highlights

No cell phones!

- You may NOT have your cell phone out during class for any reason.
- This means: no texting, no phone calls, no apps, etc.
- Never take photographs in the classroom unless I specifically allow the class to do so.
- **PENALTY:** if I see your phone out (even if it is turned off), I will mark you as late (if you were on time) or absent (if you were late). After your third offense, you will be asked to leave the classroom.

The Ultimate Calc 1 Review Activity

- Go to my personal Math 5B website
- Download/Open the **The Ultimate Calc 1 Review Activity** on your computer or cell phone
 - The Ultimate Calc 1 Review Activity can be found: [Schedule/Calendar](#) > [Week 1](#) > [Hand outs](#)
- Download/Open **Review Sheets** on your computer or cell phone
 - Multiple review sheets can be found under [Hand outs](#) near the top of the page

Section 6.1 and 6.2

Next: [Cover new material:](#)

- §6.1 Inverse Function
- §6.2 Exponential Functions and their Derivatives