

MA 113 - Calculus I - 1/11/17

1. Introduce yourself to the students

sitting near you.

2. Discuss the following questions with your neighbors:

• Why is the value of π a little more than 3?

(for example, why is π not 5?)

• Why is $\sin^2 x + \cos^2 x = 1$?

• Why is the Pythagorean theorem true?

• Why

My name is Prof. Ben Braun. I am coordinating

MA113 this semester.

Q: Raise your hand if you feel very confident in one (or more) of your answers.

To me, the best thing about math is that it surprises me over and over again.

→ Wikipedia, π via rolling ball

→ Wikipedia, Pyth. Thm via rearrangement

Being surprised by a new look at something you think you understand can actually be a challenge to handle and struggle with.

→ Mindset video

→ MA113 website, learning outcomes,
and course policy.

In MA113, be prepared to productively
struggle with new and old ideas!
That is part of math!

Attend MWF lecture,
read textbook

Attend recitation
on T/Th, participate
in small group work

Complete
online HW
(webwork)

Go to the study
and mathskeller
for tutoring

look at website for
details about the
course.

For MA 113,
you should...

Form a group!
Study group!

Do your
best on
Thursday
Quizzes

Complete
all six written
assignments

Study for the
Exams, by yourself
AND with others.

• Exam dates → See website, these are evening exams.

• Webwork → log in as soon as the info is mailed to you.

• Course Calendar → See website, this has all due dates and reading assignments.