

QUANTITATIVE REASONING

MA 15555

SECTION 336 (3:30), 348 (4:30)

COPY THIS DOWN (YOU MAY NEED IT!):

INSTRUCTOR: ALDEN BRADFORD

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ONLINE HOMEWORK: LONCAPA.PURDUE.EDU

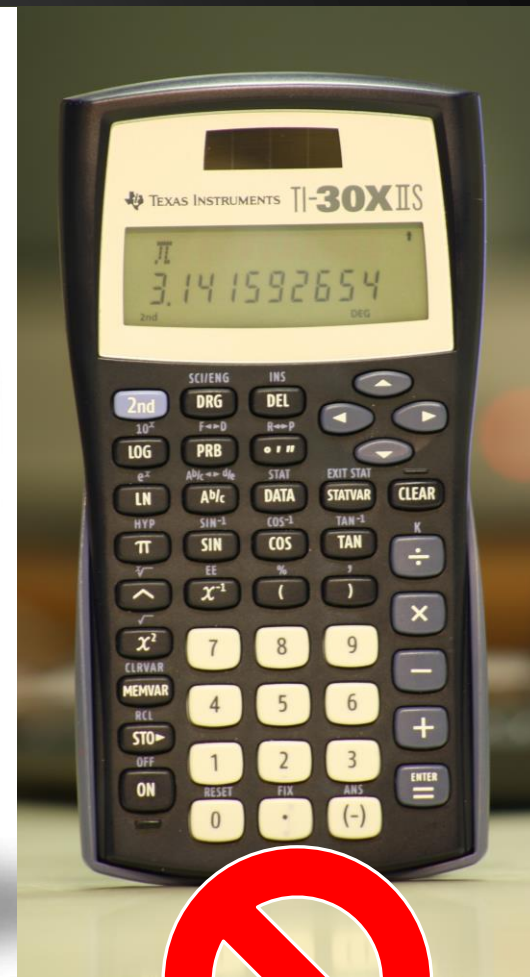
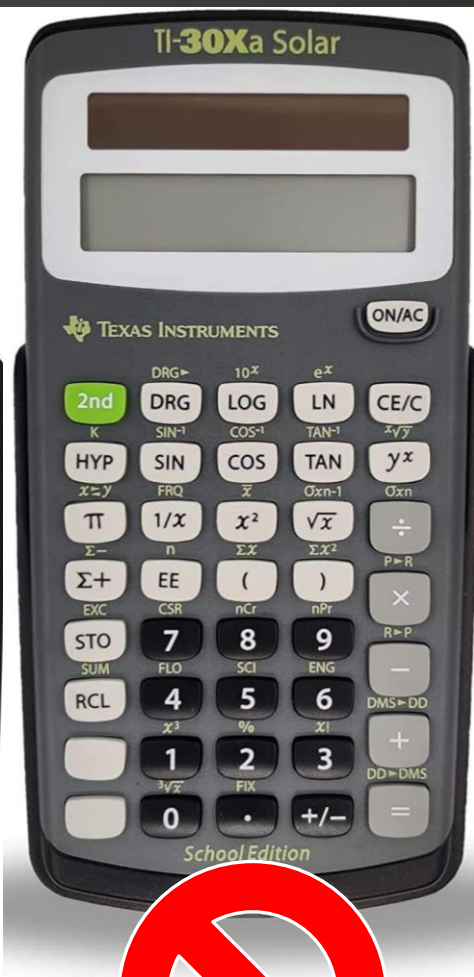
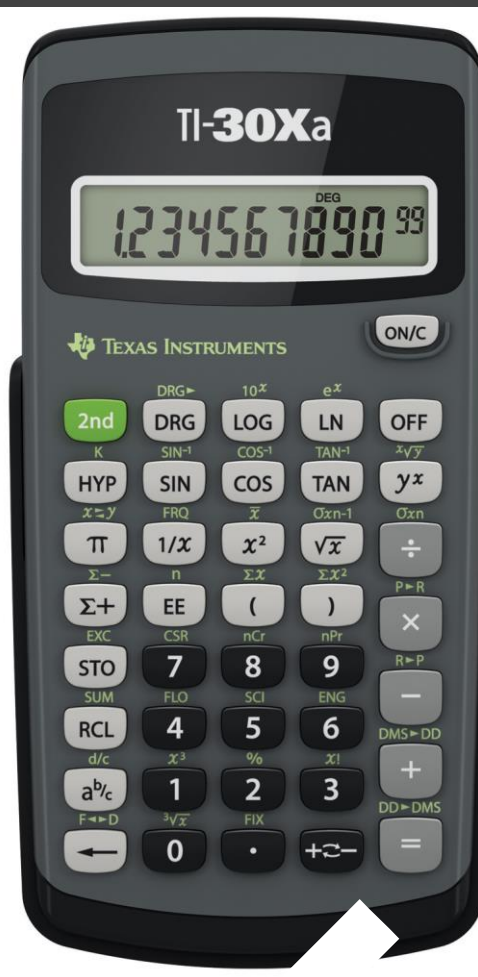
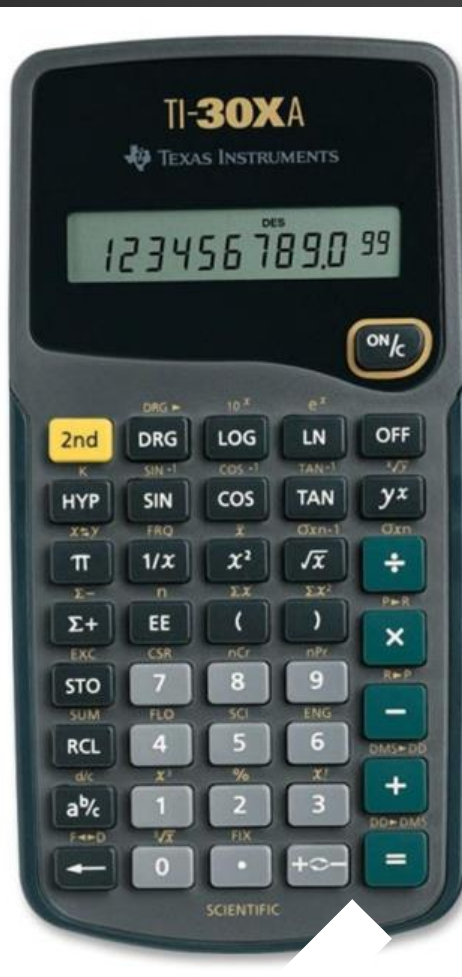
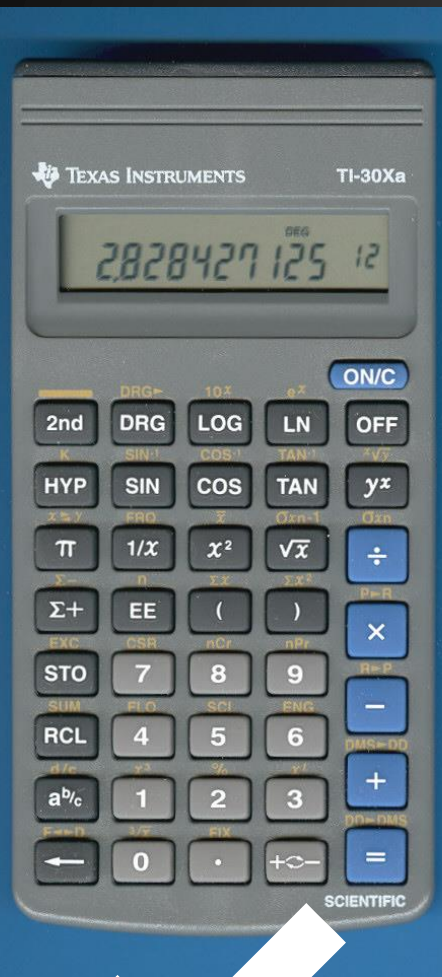
COURSE PAGE (AND MORE ONLINE HOMEWORK):
PURDUE.BRIGHTSPACE.COM

COURSE FORMAT

- Tuesday/Thursday here, Monday in Stewart 130 at 8:30 AM
- Twice weekly homework on Lon-Capa
- Weekly (not every week, but frequent) one-page papers on Brightspace
- In-person exams
- LOTS AND LOTS of group work and interactions (not much lecture!)
- Most students get an A or a B (typically at least 4 in 5 students)

YOU NEED THIS CALCULATOR

(NOT THAT CALCULATOR)



INTRODUCTIONS

- What is your name (how should we refer to you?)
- What's something interesting (not math related) you learned recently?
- Please make a simple math mistake for us (say something incorrect)

ACCOMMODATIONS

- If you need accommodations for a disability, please reach out to the Disability Resource Center (purdue.edu/drc)
- If you have a serious illness or some other reason you can't complete an assignment on time, reach out to Mr. Delworth (it does not hurt to ask!)
- Recorded versions of lessons will be available on Brightspace

ADVICE FROM PREVIOUS STUDENTS

- I know it's tempting, but don't use Chegg / Google answers to the hw. If you do the hw yourself you will understand it better + do better on exams.
- Do the homework. It may not be worth a huge amount of your grade but it helps you understand the concepts so you can do well on the exam.
- Pay close attention in class & take thorough notes.
- Accept you're going to suffer but study anyways.
- I would tell them to go get help when they don't understand something instead of trying to work it out themselves before so be patient, and watch a lot of Youtube videos!

WHAT DO YOU DO TO MANAGE STRESS IN MATH CLASS?

- <student answers here!>

WHAT HAS HELPED YOU SO FAR RELATED TO PANDEMIC LEARNING?

- <student answers here!>

GROUND RULES FOR CONVERSATION & GROUP WORK

- DO NOT suggest, in any way, that any student does not belong here.
- DO NOT act in a way which makes anyone here feel unsafe or unwelcome.
- DO allow everyone a chance to be heard.
- DO treat each person as an individual, not as a representative of their perceived group/class.
- DO recognize that others have different experiences from you.
- <suggestions?>

RACISM AND BIGOTRY AT PURDUE

- Following are two real stories from Purdue students.
- They may be uncomfortable to read.
- It is important to be aware of these stories.

BLACK AT PURDUE

A student used to walk up to me in my freshman math class and say “how’s it feel to be the only monkey here” then laugh and say he was kidding but it made me super uncomfortable then he offered me a banana twice saying “don’t you guys like those”

Class of 2022

BLACK AT PURDUE

My first introduction to Purdue was being paired in a group with another black girl, a white girl, and a white guy in my FYE class. My professor made our groups based on our genders and ethnicities to make sure that minority voices were heard since the majority of our class was white and male. The first thing the guy in my group said to us was “how is it that I’m one of the few unlucky guys to get stuck with three girls in my group?”

For the rest of the semester he proceeded to ignore me and the other black girl in my group and harass the white girl. He was constantly doubting our work and making sexual comments. This is just one of the countless experiences I’ve had at Purdue that have made me question how far our society has come.

Class of 2021

SHORT EXERCISE: COMMUNICATING IN PAIRS

- Group up in pairs
- We will take turns: decide who will go first
- In one minute (I will time you) describe something you enjoyed doing over break. Give as much detail as you can.

SHORT EXERCISE: COMMUNICATING PART 2

- Now person 2 in one minute, tell person 1: what did person 1 just tell you?

REFLECT ON THIS EXERCISE AS A CLASS

- Which was more difficult: sharing, or repeating?
- Repeaters: was it hard to remember what you were told?
- Tellers: were you surprised by how much your partner remembered?

WHAT IS COMING UP

MA 15555, Spring 2021 Calendar

HW is completed in Lon-Capa

Papers are uploaded into Brightspace

	Monday	Tuesday	Wednesday	Thursday	Friday
Unit 1:	January 18 MLK No Class	19	20 HW #00 Due	21 HW #01 Due	22 Paper #0 Due
Unit 1:	25	26 HW #02 Due	27	28 HW #03 Due	29 Paper #1 Due
Unit 2:	February 1	2 HW #04 Due	3	4 HW #05 Due	5
Unit 3:	8	9 HW #06 Due	10	11 HW #07 Due	12 Paper #2 Due
Exam 1 Review	15	16 HW #08 Due	17 Reading Day	18 Exam 1	19

HOW TO DO YOUR HOMEWORK

- [Loncapa.purdue.edu](https://loncapa.purdue.edu)