









How to think like a mathematician

<u>Knowledgeable:</u> Understanding of fundamental concepts. Command of logic. Can apply mathematical tools in diverse contexts.

<u>Good Habits:</u> Systematic and organized problem solver. Studies and practices regularly. Works independently before getting help. Asks questions. Careful communicator. Always thinks critically.

Mental game: Patient and adaptive. Comfortable being stuck and making mistakes. Open to being wrong. Curious about new ideas.

Lectures & Tutorials

• Tutorials start next week

 Lectures and tutorials are inperson

• We will make an announcement if we need to go online for a lecture or tutorial

• Your schedule is on Mosaic



Course Textbook

Lakins. The Tools of Mathematical Reasoning.

- Required
- I like it
- I think you will like it

A link to buy it from the bookstore is on the course homepage

A 2nd hand copy (or equivalent) is OK





Grades

Four components:

- Quizzes (every week)
- Assignments (5)
- Tests (2)
- Final Exam

Lowest quiz & assignments dropped

Two final grade formulas

More details next week



Online components

Avenue to Learn

- **Announcements**
- **Course Material**
- **Deadlines**
- Other Info

<u>Zoom</u>

Online lectures

<u>Piazza</u>

• Discussion

Crowdmark

Submitting homework and quizzes

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Some advice for success

- Practice
- Be open and engaged
- Be proactive
- Stay healthy



