

Workflow in Math 131B, Fall 2023

Here is how a typical non-exam week might go in Math 131B. Note that Labor Day disrupts this pattern a bit, but this is the basic idea. (Everything is subject to change, based on how things are going.)

One really important idea: There will be lots of times during class this semester where you'll make mistakes or feel like the material is particularly challenging. **THAT'S OKAY.** Me too! Having that struggle in a setting where there are people around to help you is one of the main reasons to flip the class.

Monday: Completed version of problem set N is due; problem sets are submitted online, so there's some leeway on the due time.

- *Before class:* Watch video and do reading on material to be discussed today.
- *Remaining questions:* Everyone puts up a question they still have about problem set N , everyone circulates around the room and looks at each other's questions, and we answer a few as a class.
- *Worksheet/activity:* We work in groups of 3 or 4 people on an activity for the day, often related to problems on the homework.
- *Getting started:* We pick a few problems of particular interest on problem set $N + 1$ and look at their outlines.

Wednesday: Outline for problem set $N + 1$ is due, again submitted online.

- *Before class:* Watch video and do reading on material to be discussed today.
- *Definition drill:* Everyone randomly selects one of the important definitions in the material on problem set $N + 1$, writes the definition on the board, and presents an example or otherwise illustrates the definition to the class.
- *Worksheet/activity:* We work in groups of 3 or 4 people on an activity for the day, often related to problems on the homework.
- *Getting started:* We pick a few problems of particular interest on problem set $N + 1$ and work on them in class.