

## MATH 180: MANIFOLDS JOURNAL

After each class, I want you to synthesize what were the important points from that class and write down questions that you have going forward in a *journal entry*.

**Every journal entry should have some sentences on the following points:**

- What were the main important ideas from class? Give a summary and explain your intuition of what these ideas meant.
- What questions do you have going forward? (These can be questions to clear up any confusions you realized you had, things that you are curious about, or open questions that may not have an answer yet.)

**When these things are included in the class (usually) they should be included in your journal entry:**

- What are the important formal definitions, theorems, and proofs that were discussed? You can write the proofs in your own words to make sure you understand them.
- What examples were given? Explain them with your own words and pictures.

Your journal will be checked from time to time to contribute towards the journal portion of your grade. However, since your journal entries will not be read every week, you should ask questions that you write in your journal during a future class or office hours.