

MATH 321: IN-CLASS WORKSHEET 2
FRIDAY, JANUARY 22ND

The subject of today's worksheet is about how to write mathematics well.

Under the Announcements section of <http://kamerynjw.net/teaching/2021/math321/> you can find a list of links to resources about how to write mathematics. You can also refer to the “mathematical habits” found at the end of chapters in the textbook. (There is an index of all of them on page 201.) Some of these habits are about strategies for coming up with proofs, others are about mathematical writing.

- (1) Pick one or two of the resources to read through.
- (2) Discuss what you learned with your group mates, and share any useful tips or tidbits.
- (3) Look at one of the proofs you wrote for Homework 1, and evaluate your writing with an eye toward what you learned. Does your proof adhere to the standards of good mathematical writing? If not, what should you change?
- (4) If time permits, share one of your proofs with a group mate, and have them give you feedback. And in turn give feedback to one of your group mates.
- (5) Write a short paragraph summarizing what you learned from this exercise, and submit it on grade-scope.