1. Choose a topic for your final paper!\footnote{If you haven’t totally made up your mind, you can still change before next Tuesday.} Do some preliminary research on your topic. For class on Thursday, your assignment is to write a short summary of some interesting bits of information related to your topic. You will be sharing this with your neighbors — your goal is to make them wish that they had chosen your topic! Look for interesting theorems or ideas related to the topic. Even if you don’t understand the proof (or even the whole statement of the theorem), you can still write about the general idea of what is going on. You should give your reader some background about your topic so that they have a context to understand it in, and then present at least one interesting result that you plan on researching further in the very near future.