

## Math 168 Weekly assignment #6 Due Friday, Oct 19

### About Seeing Math I

*If you collaborated on Seeing Math, you will have to collaborate on this portion (only) of this weekly assignment as well. You do not each need to do step 1, for example.*

1. Log into studioinfinity.org. Create a new post and make it private. Go to the editor for your existing post and copy the entire contents of the post. Go to the private post and paste the entire contents of your existing post and save it. That will be your reference copy of the post as you handed it in. Don't make any further edits to the reference copy, and don't publish it; leave it on the private setting.
2. Read through all of the feedback you received on Seeing Math.
3. Now edit the post you submitted to improve it as much as you can. Consider all of the feedback. You don't have to adopt every suggestion if you don't think a given suggestion is right or is helpful; but implement any suggestions that you can that you think would improve your post. You may also find other ways to improve what you've done; you're welcome to make any edits that you think are improvements.

### About Making Math

1. Read through the assignment for Making Math.
2. Propose (at least) two possible topics that you might pursue for Making Math. Your proposals can be as specific as you like ("Erdos's proof of the prime number theorem") or more sketchy ("tensor products") but they should not be *vast* areas of math ("topology"). You needn't say more than a sentence about each one, but you can write more if you think it would be helpful or you'd like feedback on something described more in depth.
3. For each of your topics in (2), propose (at least) one sort of thing you might try to build. Again, this can be quite sketchy or vague at this point ("I think I could show a prime number sieve in a way that's like a plinko board.") And again one sentence about each is sufficient, but you might want to write more for exactly the same reasons as in (2).

### About Seeing Math II

1. Estimate how much time you spent on Seeing Math (not counting the revisions for part I above).
2. How could the Seeing Math assignment be improved for this class in a future semester?
3. Did you learn something new (that you didn't know before starting this assignment) about whatever is depicted in the image(s) your post is based on? (There's no "right" answer to this question.) If so, give one brief example.
4. Do you feel in the end that what is depicted in the image(s) your post is based on made a good subject for this type of post? Why or why not?
5. What one or two paragraphs in your post as it stands after revision are the most interesting to you? Why?
6. What one or two paragraphs do you think are the most interesting or engaging for a general-audience reader? Why?

### Midterm Course Questionnaire

**Print out** the remaining pages of this assignment (either after responding, or fill in by hand after printing) and bring them to class on Friday stapled, and put them face down in the box at the front of the room. Don't put your name on what you submit, and don't submit the questionnaire via Canvas. I will shuffle all submissions thoroughly before reading any of them.

**Mathematics Department**  
**Midterm Course Questionnaire for Math 168: Making Math Material**

While it is still early in the term, we would like to get your feedback on how your math class is going. In particular, we would like your constructive input while there is still the chance to act on the suggestions made. Please make your comments specific. We appreciate your cooperation!

---

Section Leader's Name: Laura Pierson

Semester:        Fall 2018

Are the classes clear and well prepared?

Does your teacher answer questions well and encourage participation?

How effective overall is your teacher?                      (not effective) 1   2   3   4   5 (very effective)

What do you like most/least about the teaching? What changes do you think would make the class more effective?

Comments on the first major assignment?

Comments on the software used for modeling?

Have the homework assignments seemed appropriate? Comments on the homework?

Which aspects of the course website do you find useful? What else would you like to see put on the website?

Comments about the design, ease of use, timeliness of information, or anything else?

---

How effective is your Course Assistant? (not effective) 1 2 3 4 5 (very effective)

How often do you attend a Course Assistant's problem sessions? \_\_\_\_\_

- Has the course assistant been good about getting graded homework back to you?

- How useful are the problem sessions?

- What do you like most/least about the problem sessions?

Do you attend the Math Question Center? \_\_\_\_\_

How often do you attend? \_\_\_\_\_

What do you like most/least about the Math Question Center?

What would you do to improve it?