

Read Chapters 5–6 in the book *How to Bake Pi* by Eugenia Cheng.

For part (a) of your reading assignment, please include answers to the following questions.

Don't forget to include parts (b) and (c) (as described in the syllabus) on what you turn in.

1. Throughout the reading, look for your favorite(s) quote and write it/them down. (I put this one at the beginning so hopefully not all of your favorite quotes come from the last paragraph or something.)
2. Can you think of another way of measuring distance that still follows the rules on page 85?
3. Where have you seen or used generalization in mathematics or otherwise?
4. What do you think about studying exceptions/ways to break rules? Can you think of examples of when you've done that in math or other areas? What do you think you learned from doing so?
5. How have you experienced internal motivation versus external motivation in math and in other disciplines/pursuits?
6. What was your favorite example or analogy in these chapters? Why?
7. What things stood out to you as done well for a general audience?
8. What things would you do differently for a general audience?
9. In what ways do you think things would be discussed differently for a mathematical audience?