

Read Chapters 3 and 4 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. What do you think of her examples of understanding the principles of a process? Maybe you don't have experience in drunk baking or welding, but are they good analogies for a general audience?
2. Do you actually know all of your times tables? Which ones were you surprised that you didn't really know?
3. Can you think of any "axiom-like" rules outside of mathematics? (One example would be the Brownie Guide Law)
4. Can you think of any other statements relating A , B , and C that doesn't hold the transitive property?
5. Do you agree with the analogy she gives that being a mathematician is like running a marathon? What would you compare being a mathematician to?
6. Which of the answers (a, b, or c) did you prefer for the questions at the end of Chapter 4? 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?