

## 1 Reading

Read the syllabus. In *A T<sub>E</sub>Xas Style Introduction to Proofs*, read the first page of Chapter 0, sections 0.2, 0.3, the introduction to Chapter 1, and sections 1.1 and 1.2.

## 2 Response

Answers to these should be written down and turned in in class.

1. How do sections 0.2 and 0.3 compare to your previous mathematical experience? (I'm looking for a few sentences here, not an essay, unless you're really moved to write one.)
2. What are an example of a statement and a non-statement (besides the ones already given in the book)?
3. Can you come up with a *surprising* example of either a statement or a non-statement—that is, an example where you think someone (or you!) might be unsure whether it is a statement, or where people might plausibly disagree?

## 3 Exercises

You should bring solutions to these to class and be prepared to present them.

1. Question 1.4
2. Question 1.6
3. Question 1.8
4. Exercise 1.13
5. Exercise 1.17

## 4 Homework Problems

Due Thursday, January 30th

1. Exercise 1.10
2. Exercise 1.18