# 1   Reading

In *A T$_E$Xas Style Introduction to Proofs*, read Section 3.3, the intro to Chapter 4, and Section 4.1 until Definition 4.6.

# 2   Response

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

1. Is the set {Aristotle} the same as $\{x \mid x$ tutored of Alexander the great$\}$?

2. Can you use strong induction in place of regular ("weak") induction?

# 3   Exercises

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

1. Statement 3.43

2. Exercise 4.3

# 4   Homework Problems

Due Thursday, February 27th

1. Statement 3.45

2. Statement 3.46