

1 Reading

In *A T_EXas Style Introduction to Proofs*, read sections 0.4, 1.5 and 1.6.

2 Response

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

1. The textbook talks about the two most important quantifiers used in mathematics, but what are some other quantifiers?
2. Take a look at the discussion in the middle of page 29 about negations of statements with quantifiers. Give your own example of a sentence with a quantifier, a plausible mistaken negation, and the correct negation.

3 Exercises

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

1. Exercise 1.39
2. Exercise 1.44
3. Question 1.50 (I think there are a couple ways to look at what's going on in Example 1.49; come prepared with at least one interpretation of this example)
4. Exercise 1.55

4 Homework Problems

Due Thursday, February 6th

1. Exercise 1.51
2. Exercise 1.57