

1 Reading

In *A T_EXas Style Introduction to Proofs*, read the chapter 2 introduction, section 2.1, and section 2.2 up to Statement 2.20.

2 Response

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

1. Check the definitions of even and odd numbers carefully: are there any surprises? Are there any numbers whose parity you might have been uncertain of which get resolved, in an expected or unexpected direction, by these definitions?
2. Question 2.11

3 Exercises

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

1. Exercise 2.1
2. Exercise 2.8
3. Exercise 2.10

4 Homework Problems

Due Thursday, February 6th

1. Exercise 1.56
2. Statement 2.13: write down the negation of this statement and prove one of these in the style of Exercise 2.10.
3. Statement 2.17: write down the negation of this statement and prove one of these in the style of Exercise 2.10.