

Homework 11

Due: Friday, December 11

First, read Section 11.1, and then do the following problems about countably infinite vs. uncountably infinite sets.

1. problem 11.1.2
2. problem 11.1.4 (Cantor's diagonal argument is explained in Example 11.1.4 in the book)
3. problems 11.2.2, 11.2.3
4. problem 11.3.8
5. problem 11.4.2