Lecture 34: Infinite sets   Math 345

Wednesday, November 24, 2010   Jim Fowler

Textbook

This lecture discusses section 15 of the textbook.

Homework

The homework is due Tuesday, November 30, 2010.

From Section 15 of the textbook, do exercise 2.

Example

Show that the interval $A = [1, \infty)$ is equinumerous to the interval $B = (1, \infty)$ by giving an example of a bijection from A to B.

Banach-Tarski paradox