MATH 302 Discrete Mathematics
Assignment 6. Due on Monday, March 26, 2018

Read: Sections 2.4, 2.5, 5.1, 5.2, 5.3

Definitions need to know:
- sequence
- recurrence relation and its solution
- the set $A$ and $B$ have the same cardinality
- countable
- Principle of Mathematical Induction

Problems to be written down:
- §2.4/ 16(a/c/f), 30, 33(a/c).
- §5.1/ 5, 10, 14, 20, 25, 34, 50.
- §5.2/ 6, 12, 30

Practice problems:
- §2.4/ 2, 3, 4, 7, 9, 17, 25, 26, 32, 33.
- §5.1/ 4, 7, 11, 15, 21, 23, 32, 49.
- §5.2/ 25, 26, 27,