

MATH 302 Discrete Mathematics (Spring 2012, Session 501)

Assignment 5, Due on 21 Feb., 2012

Reading: §2.3-2.4

Definition: Write down the definitions of the following terms

- a function is *one-to-one*, a function is *onto*
- inverse image of S
- recurrence relation

Problems to be graded

§2.3: 15, 22, 33, 36, 37, 44

§2.4: 4, 10, 30, 32, 33

Practice problems

§2.3: 1, 2, 5, 8, 10, 12, 23, 38, 40, 43

§2.4: 2, 3, 7, 25, 26, 29, 31, 34