MATH 302 Discrete Mathematics (Spring 2012, Session 501)

Assignment 6, Due on 28 Feb., 2012

Reading: §3.1-3.2

Definition: Write down the definitions of the following terms

- algorithm

- big-O notation, big-Ω notation, big-Θ notation

Problems to be graded

§3.1: 8, 9, 13

§3.2: 6, 7, 18, 26, 36, 44

Practice problems

§3.1: 4, 7, 12, 15, 34, 38, 44

§3.2: 1, 2, 3, 4, 8, 9, 22, 25, 29, 30, 37, 45, 47, 61, 74