

CS 1050 Section B, Spring 2001

Homework 3 – due Thursday, February 8

Part I

Problem 1 Exercise 16, page 184.

Problem 2 Exercise 24, page 184.

Problem 3 Exercise 44 page 185.

Problem 4 Exercise 62, page 185.

Part II

Problem 5 Exercise 34, page 126.

Problem 6 Exercise 38, page 126.

Problem 7 Prove or disprove: For every positive integers k, m , and n , $\gcd(km, kn) = k \gcd(m, n)$.

Problem 8 Exercise 8, page 149.