

CS 365 Mathematics of Computer Science

Spring 2007

Homework 3

Due date: 3/6/07

1. Prove that "if $3n+2$ is even, then n is even" using (a) indirect proof and (b) proof by contradiction.
2. Exercise 34 (Section 1.6, page 86)
3. Exercise 42 (Section 1.6, page 86)
4. Exercise 4 (Section 1.7, page 102)
5. Exercise 6 (Section 1.7, page 102)