General Mathematics and Computational Science I

Exercise 5

September 20, 2005

1. (From Ivanov, p. 8) Prove that any sum of more than 7 cents can be made up out of 3- and 5-cent coins.

   (Use the induction principle formulated in class!)

2. The solution to Ivanov, p. 9, Problem 7 is given only as a rough sketch. Fill in all the gaps and carefully write out the proof.