

Name: \_\_\_\_\_ Student#: \_\_\_\_\_ Date: \_\_\_\_\_

## COMP 2711: Discrete Mathematical Tools for Computer Science

### In Class Exercise #15

1. Find a solution  $x$  in  $Z_{77}$  that satisfies the following system of equations,

$$\begin{aligned}x &\equiv 3 \pmod{7} \\ x &\equiv 4 \pmod{11}.\end{aligned}$$