

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

## COMP 2711: Discrete Mathematical Tools for Computer Science

### In Class Exercise #14

1. Using Extended GCD algorithm to find the integers  $x$  and  $y$ , such that  $\gcd(57,81) = x \cdot 57 + y \cdot 81$ .