## **MATH 435**

Additional Homework Exercises on the Euclidean Algorithm

- A. Use the Euclidean Algorithm to find  $\gcd(34,126)$  and write it as a linear combination of 34 and 126.
- B. Use the Euclidean Algorithm to find  $\gcd(54,117)$  and write it as a linear combination of 54 and 117.