

# Homework #3

## Revision Problem

Name: My Name Goes Here

**Revision Problem (Homework #2 Problem #3):**

Let  $a, b \in \mathbb{Z}$  (not both zero) such that  $d = \gcd(a, b)$ . In addition, let  $a = da'$  and  $b = db'$ . Show that  $\gcd(a', b') = 1$ .

**Proof:** THIS IS MY PROOF  $\square$