

CSE 311: Foundations of Computing I

QuickCheck: Number Theory (due Thursday, October 23)

Name:

UW ID:

CSE 311 Section (circle one): AA AB AC BA BB BC

0. Extended Euclidian Algorithm

Find the multiplicative inverse y of 7 mod 33. That is, find y such that $7y \equiv 1 \pmod{33}$. You should use the extended Euclidean Algorithm. Your answer should be in the range $0 \leq y < 29$.