

Attendance Quiz # 8 for Dr. Z.'s Number Theory Course for Sept. 30, 2013

NAME: (print!) \_\_\_\_\_

E-MAIL ADDRESS: (print!) \_\_\_\_\_

1. Use the Euclidean algorithm to find  $\gcd(49, 140)$

2. Find out whether it is possible to express 1 as a linear combination  $1 = m35 + n9$  for some integers  $m$  and  $n$ , and if it is, find it.