Mini-Quiz 1

1. Write your name:

2. 1. Determine whether the following sets of integers are pairwise relatively prime.

   a) (14, 15, 21)

   b) (12, 17, 31, 37)

3. Show that $ac \equiv bc$ (mod m), where a,b,c, and m are integers such that $m \geq 2$, does not necessarily imply that $a \equiv b$ (mod m).