Quiz # 5 for Dr. Z.'s Number Theory Course for Oct. 24,, 2013

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. (5 points) Using divisiblity tests, determine for each of the following integers (written in the usual, base 10, way) whether it is divisible by (i) 7 (ii)13 . Explain!

a. 490735357707

b. 169130403130

2. (5 points)

What day of the week is

(i) Oct. 24, 2014

(ii) Oct. 24, 2015

(iii) Oct. 24, 2016

(iv) Oct. 24, 2017

(v) Oct. 24, 2018