

MATH 260, CPA 4, Fall '14

Due: September 16, 2014

Honor Code:

Name:

Section:

1) Use the linear system below to...

$$\begin{array}{rcccccccl} x & - & y & - & 2z & = & 1 \\ 2x & + & 3y & + & z & = & 2 \\ 5x & + & 4y & + & 2z & = & 4 \end{array}$$

a) use Gauss-Jordan elimination to reduce the system to RREF.

b) give the solution(s) to the system, if any.

c) give the rank of the RREF matrix you found.