Name:	
J#:	Dr. Clontz
Date:	

MASTERY QUIZ DAY 7

Math 237 – Linear Algebra Fall 2017

Version 5

Show all work. Answers without work will not receive credit. You may use a calculator, but you must show all relevant work to receive credit for a standard.

Standard E2.

Mark:

Find RREF A, where

$$A = \begin{bmatrix} 3 & -2 & 1 & 8 & | & -5 \\ 2 & 2 & 0 & 6 & | & -2 \\ -1 & 1 & 1 & -4 & | & 6 \end{bmatrix}$$

Solution:

$$RREF A = \begin{bmatrix} 1 & 0 & 0 & 3 & | & -2 \\ 0 & 1 & 0 & 0 & | & 1 \\ 0 & 0 & 1 & -1 & | & 3 \end{bmatrix}$$

Additional Notes/Marks