Name:	
J#:	Dr. Clontz
Date:	

MASTERY QUIZ DAY 12   Math 237 – Linear Algebra
Version 2   Fall 2017

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 V1.	Mark:

Determine if ... is a vector space

Standard V3.	Mark:

Determine if the vectors $\begin{bmatrix} -3 \\ 1 \\ 1 \end{bmatrix}, \begin{bmatrix} 5 \\ -1 \\ -2 \end{bmatrix}, \begin{bmatrix} 2 \\ 0 \\ -1 \end{bmatrix}$, and $\begin{bmatrix} 0 \\ 2 \\ -1 \end{bmatrix}$ span $\mathbb{R}^3$

Standard V4.	Mark:

Determine if ... is a subspace of