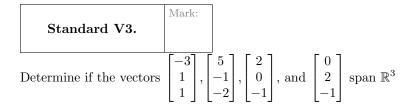
Name:	
J#:	Dr. Clontz
Date:	

MASTERY QUIZ DAY 17

Math 237 – Linear Algebra Fall 2017

Version 4

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.



	Mark:
Standard V4.	

Let W be the set of all complex numbers that are purely real (i.e. of the form a + 0i) or purely imaginary (i.e. of the form 0 + bi). Determine if W is a subspace of \mathbb{C} .

Standard S2.

Mark:

Determine if the set $\{x^2 + x - 1, 3x^2 - x + 1, 2x - 2\}$ is a basis of \mathcal{P}_2

Additional Notes/Marks