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| Name: |
| J#: |
| Date: |

Dr. Clontz

MASTERY QUIZ DAY 5

Math 237 – Linear Algebra

Version 1

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 E2. | Mark: |
|---------------------|-------|

Find the reduced row echelon form of the matrix below.

$$\left[\begin{array}{cccc|c} 2 & 1 & -1 & 0 & 5 \\ 3 & -1 & 0 & -2 & 0 \\ -1 & 0 & 5 & 0 & -1 \end{array} \right]$$

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|-------------------------------|--|
| Additional Notes/Marks | |
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MASTERY QUIZ DAY 5

Math 237 – Linear Algebra

Version 2

Fall 2017

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| | |
|---------------------|-------|
| Standard E2. | Mark: |
|---------------------|-------|

Put the following matrix in reduced row echelon form.

$$\begin{bmatrix} -3 & 5 & 2 & 0 \\ 1 & -1 & 0 & 2 \\ 1 & -2 & -1 & -1 \end{bmatrix}$$

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| Additional Notes/Marks | |
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Math 237 – Linear Algebra

Version 3

Fall 2017

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| | |
|---------------------|-------|
| Standard E2. | Mark: |
|---------------------|-------|

Find RREF A , where

$$A = \left[\begin{array}{ccc|c} 2 & -1 & 5 & 4 \\ -1 & 0 & -2 & -1 \\ 1 & 3 & -1 & -5 \end{array} \right]$$

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MASTERY QUIZ DAY 5

Math 237 – Linear Algebra

Version 4

Fall 2017

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| | |
|---------------------|-------|
| Standard E2. | Mark: |
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Find RREF A , where

$$A = \left[\begin{array}{cccc|c} 3 & -2 & 1 & 8 & -5 \\ 2 & 2 & 0 & 6 & -2 \\ -1 & 1 & 1 & -4 & 6 \end{array} \right]$$

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Math 237 – Linear Algebra

Version 5

Fall 2017

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| | |
|---------------------|-------|
| Standard E2. | Mark: |
|---------------------|-------|

Put the following matrix in reduced row echelon form.

$$\begin{bmatrix} 3 & -1 & 0 \\ -1 & 0 & -1 \\ -1 & 1 & 2 \\ 0 & 2 & 6 \end{bmatrix}$$

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MASTERY QUIZ DAY 5

Math 237 – Linear Algebra

Version 6

Fall 2017

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| | |
|---------------------|-------|
| Standard E2. | Mark: |
|---------------------|-------|

Put the following matrix in reduced row echelon form.

$$\left[\begin{array}{ccc|c} -3 & 1 & 0 & 2 \\ -8 & 2 & -1 & 6 \\ 0 & 2 & 3 & -2 \end{array} \right]$$

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|-------------------------------|--|
| Additional Notes/Marks | |
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