

## Mastery Quiz 06-04

Name:

J#:

Date: **2018 Jun 04**

**E1:** This student is able to...

Translate back and forth between a system of linear equations and the corresponding augmented matrix.

Mark:

(Instructor Use Only)

Write a system of linear equations corresponding to the following augmented matrix.

$$\left[ \begin{array}{cccc|c} 3 & 2 & 0 & 0 & 3 \\ 0 & 1 & -1 & 4 & -5 \\ -1 & 0 & 1 & -7 & 0 \end{array} \right]$$

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[illegible]

Find  $\text{RREF}(A)$ , where

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

### Mastery Quiz 06-04

<b>E3:</b> This student is able to... Compute the solution set for a system of linear equations.	Mark:          (Instructor Use Only)
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Find the solution set for the following linear system.

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