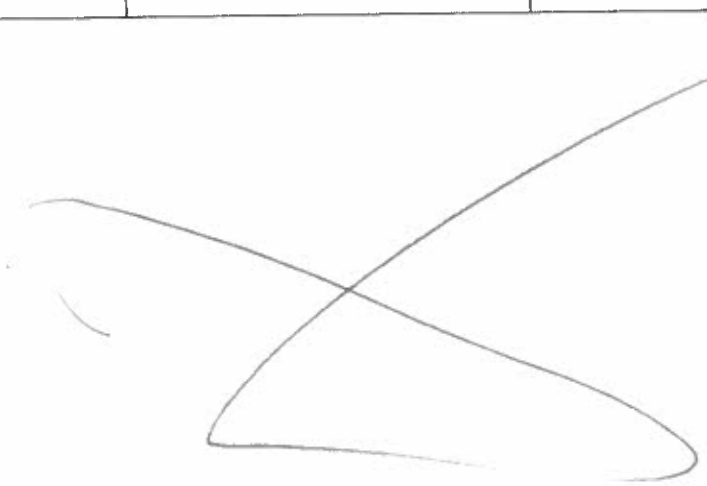
MA 237 — Summer 2018 — Dr. Clontz

Name:	
J#: J005	Team:

Answer Sheet

Standard:	Mastery Quiz:	Exercise Version:	Mark:
E3	08-01		



Standard:	Mastery Quiz:	Exercise Version:	Mark:
V1	08-01		

Standard:	Mastery Quiz:	Exercise Version:	Mark:
V2	08-01	888	

$$\left[\begin{array}{cc|c} 2 & 4 & 0 \\ 0 & -1 & -1 \\ -1 & 4 & 6 \\ 5 & 3 & -7 \end{array}\right] \sim \left[\begin{array}{ccc} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \\ 0 & 0 & 0 \end{array}\right]$$

THERE ARE NO CONTRADICTIONS SO YES

Standard:	Mastery Quiz:	Exercise Version:	Mark:

MA 237 — Summer 2018 — Dr. Clontz

Name: Lonia Barajas	
J#: J0019	Team:

Answer Sheet

Standard:	Mastery Quiz:	Exercise Version:	Mark:
E3	08-01	881	

$$\left[\begin{array}{cccc|c} 2 & 1 & -1 & 0 & 5 \\ 3 & -1 & 0 & -2 & 0 \\ -1 & 0 & 5 & 0 & -1 \end{array}\right] \quad \text{RREF} \quad \left[\begin{array}{cccc|c} 1 & 0 & 0 & -0.083 & 1 \\ 0 & 1 & 0 & 1.75 & 3 \\ 0 & 0 & 1 & 0.583 & 0 \end{array}\right]$$

$$x - 0.083a = 1$$
$$y + 1.75a = 3$$
$$z + 0.583a = 0$$

$$\text{Sol set} = \left\{ \left[\begin{array}{c} 1+0.083a \\ 3+1.75a \\ -0.583a \\ a \end{array}\right] \middle| \, a \in \mathbb{R} \right\}$$

Standard:	Mastery Quiz:	Exercise Version:	Mark:
V1	08-01		

MA 237 — Summer 2018 — Dr. Clontz

Standard:	Mastery Quiz:	Exercise Version:	Mark:
V2	08-01	887	

$$\begin{bmatrix} 3 & 1 & 2 & 0 \\ -2 & 2 & 4 & 0 \\ 4 & -3 & -6 & 0 \end{bmatrix}$$

Standard:	Mastery Quiz:	Exercise Version:	Mark:

MA 237 — Summer 2018 — Dr. Clontz

Name:	Harrison Degenhardt	
J#:	J0013	Team:

Answer Sheet

Standard:	Mastery Quiz:	Exercise Version:	Mark:
E3	08-01	882	

$$\left[\begin{array}{ccc|c} 3 & 2 & 1 & 7 \\ 1 & 1 & 1 & 1 \\ -2 & 0 & 3 & -11 \end{array}\right] \sim \left[\begin{array}{ccc|c} 1 & 0 & 0 & 1 \\ 0 & 1 & 0 & 2 \\ 0 & 0 & 1 & 3 \end{array}\right]$$

$$\text{Sol set} = \left\{\begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix}\right\}$$

Standard:	Mastery Quiz:	Exercise Version:	Mark:
V1	08-01		

Standard:	Mastery Quiz:	Exercise Version:	Mark:
V2	08-01	888	

$$\left[\begin{array}{cc|c} 2 & 4 & 0 \\ 0 & -1 & -1 \\ -1 & 4 & 6 \\ 5 & 3 & -7 \end{array}\right] \sim \left[\begin{array}{cc|c} 1 & 0 & 1 \\ 0 & 1 & 2 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}\right]$$

Yes

Standard:	Mastery Quiz:	Exercise Version:	Mark: