Reduced echelon form Add the conditions:

- 4. The leading entry in each nonzero row is 1.
- 5. Each leading 1 is the only nonzero entry in its column.

EXAMPLE 1 (continued)

Reduced echelon form:

$\begin{bmatrix} 0 \end{bmatrix}$	1	*	0	0	0	*	*	*	0	*
0	0	0	1	0	0	*	*	*	0	*
0	0	0	0	1	0	*	*	*	0	*
										*
0										

THEOREM 1. UNIQUENESS OF THE REDUCED ECHELON FORM

Each matrix is row-equivalent to one and only one reduced echelon matrix.