MATH-332: Linear Algebra	<u>Chapter:</u> 2

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<u>Matrix Algebra</u>

<u>Section</u> 2.3: Characterizations of Invertible Matrices

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	<u>Lecture:</u> Characterizations of Invertible Matrices
Topics:	Invertible Matrix Theorem
Problems	Prac: 1, 2, 3 Prob: 1, 3, 5, 7, 13, 15, 17, 19, 23, 27, 31, 39

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Section Goals

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- Understand how the invertible matrix theorem characterizes the solubility of $\mathbf{Ax} = \mathbf{b}$ in terms of previous terminology.

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Section Objectives

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- State the invertible matrix theorem and argue the equivalence of its statements based on previous work.