

MAT 260 LINEAR ALGEBRA HOMEWORK 5

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When you work on these homework problems, please do not simply write down the numerical answers, but also the **step-by-step deduction** for each problem. When I grade your quizzes, tests and final exam, your step-by-step deduction will take up an important proportion of your final scores.

Problems that may need to be submitted or may appear in the quiz:

1.2 25, 27, 32.

1.3 5h*, 10, 15, 22, 24, 27.

1.4 17, 19e*, 27, 28, 31, 39, 53a, 55 (There is a typo: On the second line, it should be “then the matrix $I - A$ is invertible”).

Note *: This problem does not count in the homework presentation.