

MATH 401, HW 3, FALL 2015

1. Textbook, Section 1.5, Problem 3 (5 pts).
2. Textbook, Section 2.1, Exercise 2 (5 pts).
3. Textbook, Section 2.1, Exercise 10 (5 pts).
4. Textbook, Section 2.1, Problem 13 (10 pts).

The relevant Matlab commands are `rref(A)` and `rank(A)`.

Please use Matlab for **all** problems which require a numerical solution (including all problems that ask you to use a calculator)..