

MATH 401, HW 2, FALL 2015

1. Textbook, Section 1.3 problem 7 (5 pts)
2. Textbook, Section 1.3 problem 12 (5 pts).
3. Textbook, Section 1.4 problem 3(a) (5 pts).
4. Textbook, Section 1.4 problem 4 (5 pts).
5. Textbook, Section 1.5 problem 2 (5 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)..