

## Math 103A Fall 2006 Homework 2

Due 10/6/06 in class

All exercise and page numbers refer to Gallian, 6th edition.

0. These exercises are suggestions for extra practice at home (or in section) and are *not to be turned in!*

Gallian Chapter 1, #3, 5, 7, 11, 13

Gallian Chapter 2, #1, 7, 13, 15, 17, 18, 19, 21, 25, 33

1. Do Gallian Chapter 1, #4, 6, 8, 10.

2. Do Gallian Chapter 2, #6, 11, 12, 14, 16, 20, 22, 24, 28, 34.

Comments and Hints:

for #34, you can assume without proof that multiplication of  $3 \times 3$ -matrices is associative.