Linear Algebra I: Assignment 1 (Due March 20 2003)

All Questions are taken from the text (Linear Algebra, Friedberg, Insel and Spence, Third Edition). The section from the book is specified. Show all working particularly for proofs.

1. Section 1.1 Question 3d.
2. Section 1.2 Questions 8 and 18.
3. Section 1.3 Questions 5, 10 and 12.
4. Section 1.4 Questions 2b, 3b, 8 and 10.
5. Section 1.5 Questions 5, 7 and 11.
6. Section 1.6 Questions 2b, 6 and 10.
7. Section 2.1 Questions 3, 6 and 16.
8. Section 2.2 Questions 2b, 4 and 9.
9. Section 2.3 Questions 8 and 12.
10. Section 2.4 Questions 2 and 5.