

STAT 611

FALL 2011

HW 1

DUE: THURSDAY, SEPTEMBER 1

1. PROVE THAT $(AB)' = B'A'$, FOR ANY MATRICES A AND B .
 $m \times n$ $n \times k$
2. COMPLETE THE FOLLOWING EXERCISES FROM APPENDIX A.9: 1, 2, 3, 7, 9, 10, 12, 13, 14, 16, 18, 19, 20.
3. PROVE FACT V6 FROM PAGE 57 OF THE COMPLETE SET OF PRELIMINARY LINEAR ALGEBRA 1 NOTES.