Physics 355 - Problem Set #7, due Nov. 1, 2004

1: 3.13 (Hint: use test functions for parts (b) and (c))

2: 3.14

3. 3.17

4. 3.28; last part of the problem, calculation of the expectation value of p^2, is optional.

5. 3.31

6. 3.38; do each part of this problem for matrices **H** and **A** only.