

**Twelfth and Thirteenth Homework: MATH 410**  
**Due Wednesday, 6 December 2006**

1. Do the first exercise on page 2 of the Uniform Continuity notes.
2. Do the second exercise on page 2 of the Uniform Continuity notes.
3. Do the exercise on page 4 of the Uniform Continuity notes.
4. Section 3.4 of book: Number 1
5. Section 3.4 of book: Number 2
6. Section 3.4 of book: Number 3
7. Section 3.4 of book: Number 6
8. Section 3.4 of book: Number 7
9. Section 3.4 of book: Number 11
10. Prove Proposition 2.6 on page 19 of the Riemann Integral notes.
11. Do the exercise on page 21 of the Riemann Integral notes.
12. Prove Theorem 2.4 on page 22 of the Riemann Integral notes.
13. Prove Theorem 2.5 on page 23 of the Riemann Integral notes.
14. Prove Theorem 2.6 on page 23 of the Riemann Integral notes.
15. Section 6.4 of book: Number 1
16. Section 6.4 of book: Number 3
17. Section 6.4 of book: Number 6
18. Section 6.4 of book: Number 9