

**Fourteenth and Fifteenth Homework: MATH 410**  
**Due Wednesday, 13 December 2006**

1. Prove Proposition 2.8 on page 24 of the Riemann Integral notes.
2. Do the exercise on page 24 of the Riemann Integral notes.
3. Do the exercise on page 25 of the Riemann Integral notes.
4. Complete the proof of Proposition 2.9 on page 26 of the Riemann Integral notes.
5. Prove Proposition 2.10 on page 26 (Dec. 6 version) of the Riemann Integral notes.
6. Do the first exercise on page 30 of the Riemann Integral notes.
7. Do the second exercise on page 30 of the Riemann Integral notes.
8. Do the exercise on page 31 of the Riemann Integral notes.
9. Do the first exercise on page 33 of the Riemann Integral notes.
10. Prove Corollary 3.1 on page 33 of the Riemann Integral notes.
11. Do the second exercise on page 33 of the Riemann Integral notes.
12. Do the exercise on page 40 of the Riemann Integral notes.
13. Do the exercise on page 45 of the Riemann Integral notes.
14. Section 6.5 of book: Number 1
15. Section 6.5 of book: Number 5
16. Section 6.6 of book: Number 1
17. Section 6.6 of book: Number 3
18. Section 6.6 of book: Number 7
19. Section 7.2 of book: Number 3
20. Section 7.2 of book: Number 5