

Tenth and Eleventh Homework: MATH 410
Due Wednesday, 29 November 2006

1. Prove (5) on page 2 of the Riemann Intergral notes.
2. Prove the last assertion of Lemma 1.3 on page 4 of the notes.
3. Prove Theorem 1.3 on page 10 of the notes.
4. Prove Theorem 1.4 on page 10 of the notes
5. Prove Theorem 1.5 on page 11 of the notes.
6. Do the exercise on the bottom of page 14 of the notes.
7. Prove Proposition 2.2 on page 16 of the notes.
8. Prove Proposition 2.3 on page 16 of the notes.
9. Prove Proposition 2.4 on page 16 of the notes.
10. Section 6.1 of book: Number 1
11. Section 6.1 of book: Number 3
12. Section 6.1 of book: Number 6
13. Section 6.1 of book: Number 7
14. Section 6.2 of book: Number 2
15. Section 6.2 of book: Number 4