

Instructions

- Answer each question completely; justify your answers.
 - This assignment is due at: 5:00 pm on Friday October 12th.
1. Exercise 2.12.
 2. Exercise 2.22.
 3. Exercise 2.25, parts (ii) and (iv).
 4. Exercise 2.26, parts (b), (d), and (h).
 5. Exercise 2.28.
 6. Exercise 2.31.
 7. Exercise 2.35.
 8. Exercise 2.43.
 9. Prove parts (3) and (4) of Theorem 3.1.
 10. Exercise 3.1.
 11. Exercise 3.2.
 12. Exercise 3.4, parts (d) and (e).
 13. Exercise 3.6.