I would like you to repeat proofs presented in the text (you can modify them if you wish).
1. Lemma 3.16.
2. Theorem 3.1.
3. Example 3.8.
4. Example 4.3.
5. Example 4.4.
6. Solve Exercise 4.7(i)
7. Example 5.10.
8. Example 5.15