Exercise #8

(範圍: Groups)

- 1. Prove (b) of the theorem on page 148 of lecture notes. (10%)
- 2. Prove (b) of the theorem on page 159 of lecture notes. (10%)
- 3. P. 751: 1 (only for (c), (e)). (10%)
- 4. P. 751: 9. (10%)
- 5. P. 756: 6. (20%)
- 6. P. 756: 15 (only (\mathbb{Z}_{12} , +) for (a)). ((a), (b): 10%; (c): 5%)
- 7. P. 758: 4. (10%)
- 8. P. 758: 5. (5%)
- 9. P. 758: 9 (only for (a)). (10%)