

## Homework 4

p77 F.1, p78 H.1, p86 A.1 (a,b,c), A.2 (b,c,d), and A.4 (d)

1. **p77 F.1.** Question

(No need to write the group table of  $G$ .)

**Solution.**

2. **p78 H.1.** Question

**Solution.**

3. **p86 A.1 (a,b,c).** Question  
**Solution.**

4. **p86 A.2 (b,c,d).** Question  
**Solution.**

5. **p86 A.4 (d).** Question  
**Solution.**

6. **p1.** Question

**Solution.**

7. **p1.** Question

**Solution.**

8. **p1.** Question

**Solution.**

9. **p1.** Question

**Solution.**