

Math 417: Homework 5

Due Friday, October 8, 2021

1. Goodman, exercise 2.2.20. The phrase “Determine the subgroup lattice” means determine all subgroups, and determine which subgroups are contained in which others.
2. Goodman, exercise 2.3.6.
3. Goodman, exercise 2.4.6.
4. Goodman, exercise 2.4.17.
5. Goodman, exercise 2.4.19, part (a) only.
6. Goodman, exercise 2.4.20.
7. Goodman, exercise 2.5.4.
8. Goodman, exercise 2.5.6.
9. Goodman, exercise 2.5.7.
10. Goodman, exercise 2.5.8.