Homework 3

Abstract Algebra (Fall 2017)
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Due Date: October 19, 2017.

The following problems are from Chapter 2 of Artin.

1. Subsection 10: 5, 8, 9, 10, 11

The following problems are from Chapter 5 of Artin.

2. Subsection 3: 1, 2, 4, 5 (the notation used by these problems is: x is rotation by $2\pi/n$, y is reflection in the x-axis).

3. Subsection 5: 3, 8, 9(a), 11(a).

4. Subsection 6: 1, 2.

5. Subsection 7: 1

6. Subsection 8: 2