

Solve the following problems from Srednicki.

- 1** (10 points) Problem 3.2 on page 29.
- 2** (10 points) Problem 3.3 on page 29.
- 3** (20 points) Problem 3.4 on pages 29-30.
- 4** (30 points) Problem 3.5 on page 30.
- 5** (20 points) Problem 7.3 on page 53.
- 6** (10 points) Problem 7.4 on page 53.