

Solve the following problems from Srednicki.

- 1** (20 points) Problem 10.1 on page 78.
- 2** (20 points) Problem 10.2 on page 78.
- 3** (20 points) Problem 10.3 on pages 78.
- 4** (20 points) Problem 10.4 on pages 78.
- 5** (20 points) Problem 10.5 on pages 78.