

Solve the following problems from Srednicki.

- 1** (15 points) Problem 33.1 on page 208.
- 2** (15 points) Problem 33.2 on page 208.
- 3** (25 points) Problem 34.3 on pages 215.
- 4** (15 points) Problem 34.4 on pages 215.
- 5** (15 points) Problem 35.3 on pages 220.
- 6** (15 points) Problem 35.4 on pages 220.