

**Q1.** Problems 1a, 1c.

**Q2.** Problem 2c.

**Q3.** Problem 3.

**Q4.** Problem 4.

**Q5.** Problem 6.

**Q6.** Problem 7.

**Q7.** Problem 11.

**Q8.** Problem 12e.

**Remark.** You are strongly encouraged to attempt the rest of the problems in the problem set ZPS, which is available on the course web site.