Hand in Problems 1, 3, 5, 7.

**Problem 1.** Folland, Problem 1, page 154.

**Problem 2.** Folland, Problem 5, page 155.

**Problem 3.** Folland, Problem 8, page 155.

**Problem 4.** Folland, Problem 9, page 155.

**Problem 5.** Folland, Problem 11, pages 155-156.

**Problem 6.** Folland, Problem 12, page 156.

**Problem 7.** Folland, Problem 55 page 177.

**Problem 8.** Folland, Problem 65 page 178.