Problem 1.21 in Oppenheim/Willsky/Nawab
   Do parts a, b, c, and e.

Problem 1.22 in Oppenheim/Willsky/Nawab
   Do parts a, c, e, and f.

Note: You may find it helpful to read the Mathematical Review section on page 71 of Oppenheim/Willsky/Nawab before doing the three questions below.

Problem 1.48 in Oppenheim/Willsky/Nawab
   Do parts a through e when \( r_0 = 2 \) and \( \theta_0 = \pi/4 \).

Problem 1.49 in Oppenheim/Willsky/Nawab
   Do part a.

Problem 1.50 in Oppenheim/Willsky/Nawab
   All parts.

Matlab Exercises
Do exercises a through c in Section 1.3 of Computer Explorations in Signals and Systems by Buck, Daniel, and Singer. If you need extra help with Matlab, you may want to read through the tutorial in Section 1.1 of the Buck/Daniel/Singer book.