Answer all questions. Make sure that you explain all your steps and justify your answers.

17. (5pts each) (a) Do Prob. 8 of section 4.1, p. 160 of textbook.
   (b) Do Prob. 11 of section 4.1, p. 161 of textbook.

18. (5pts each) (a) Do Prob. 6 of section 4.2, p. 171 of textbook.
   (b) Do Prob. 13 of section 4.2, p. 171 of textbook.

   (b) Do Prob. 16 of section 4.2, p. 172 of textbook.

    (b)[8 pts] Do Prob. 1(e), (g), (h), (i) of section 4.3, p. 178 of textbook.

21. (5pts each) (a) Do Prob. 10 of section 4.4, p. 201 of textbook.
    (b) Do Prob. 16 of section 4.4, p. 202 of textbook.

22. (a)[5pts] Do Prob. 17 of section 4.4, p. 203 of textbook.
    (b)[3pts] Do Prob. 18 of section 4.4, p. 203 of textbook.
    (c)[2pts] Do Prob. 19 of section 4.4, p. 203 of textbook.

    (b)[4pts] Do Prob. 7 of section 4.5, p. 213 of textbook.
    (c)[2pts] Do Prob. 8 of section 4.5, p. 213 of textbook.