(1) Exercise 8.2-3 on Page 196 [20 points]

(2) Exercise 8.3-4 on Page 200 [20 points]
   Clue: first convert each integer to base n, then radix sort them

(3) Exercise 9.1-1 on Page 215 [20 points]

(4) Exercise 9.3-1 on Page 223 [20 points]

(5) Exercise 9.3-8 on Page 223 [20 points]