Number Systems Review

Number Systems

1. Convert the following numbers from binary to decimal.
   a. 110
   b. 1101

   c. 10011
   d. 11101

2. Convert the following numbers from hex to decimal.
   a. D
   b. 10

   c. 2B
   d. 91

Number Conversion

3. Convert the following numbers from binary to decimal.
   a. 101001
   b. 1001100

4. Convert the following binary numbers to hex.
   a. 10010011   b. 101100111001

5. Convert the following decimal numbers to binary using ladder technique.
   a. 35   b. 253

6. Convert the following decimal numbers to binary using positional notation technique.
   a. 24   b. 138

      b.

7. Convert the following hexadecimal numbers to binary.
   a. F5   b. 3AE