3-94 The following numbers are given to you in an 8-bit unsigned binary number format.   
 (Of course, all of them represent non-negative integers.) Convert them to. . .

a.) Eight-bit signed magnitude

b.) Eight-bit ones’ complement

c.) Eight-bit twos’ complement

d.) Eight-bit offset binary

In the conversion, the value of the number must not change, only the system in   
 in which it is represented must change. In each case, if overflow occurs, so state.

(i) 0000 00002 (ii) 0000 01102 (iii) 0111 11112 (iv) 1000 00002