3-95 Five 8-bit integers are given below in a table. Fill in the columns of the table with the correct

value to represent the given integer in each of the other number formats. If overflow occurs, just

write “overflow” into the blank. When you are done each column will contain five different   
 representations of the same value integer, or some entries may be “overflow” if that value cannot   
 be properly represented in one or more of the various number systems.

8-bit Unsigned binary 1010 00002 \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

8-bit signed magnitude \_\_\_\_\_\_\_\_\_\_\_ 1010 0000SM \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

8-bit ones’ complement \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ 1010 00001C \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

8-bit twos’ complement \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ 1010 00002C \_\_\_\_\_\_\_\_\_\_\_

8-bit offset binary \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ 1010 0000OB