(5 pts) CS 3841 Computer Organization - Recitation #01 Name/abc123:_____

1. Assuming *#bits*=8 and using 2's comp, represent the following as binary and hexadecimal values. Must do without a calculator.

    a. 50

    b. -40

    c. 128

    d. -128

    e. -1

2. Assuming *#bits*=8 and 2's complement show the decimal equivalent to each of the binary values for both signed and unsigned values.

    a. 0100 0110

    b. 1100 0110

3. What is the largest positive value and the largest negative value that can be stored in a 9 bit 2's comp representation?