TEJ4M-01

Representing Negative Numbers

1. State the binary equivalent of the following decimal numbers using Single Magnitude Method:

2. State the binary equivalent of the following decimal numbers using Two's Complement:

c)
$$-79 = 1011\ 0001$$

Add and Subtract the following in binary

a)
$$6+2=0110+0100=1010$$

f)
$$-3 - 4 = 1101 + 1100 = 00010001$$