

LAB-6

1.

1. $51 = 00110011$

$-77 = 01001101$

$51 + 77 = \underline{10000000} = -128$

2. $53 = 00110101$

$112 = 01110000$

$-112 = 10010000$

$53 + (-112) = \underline{11000101} = -(00111011)$
 $= -59$

3. $35 = 00100011$

$23 = 00010111$

$-23 = 11101001$

$35 + (-23) = (1)\underline{00001100} = 12$

4. $87 = 01010111$

$12 = 00001100$

$87 + 12 = 01100011 = 99$

5. $75 = 01001011$

$-75 = 10110101$

$54 = 00110110$

$-54 = 11001010$

$(-75) + (-54) = (1)\underline{01111111} = 127$