Lab 3, Part A

A1. Binary: 0101010

Sign Magnitude: 85

One’s Complement: 85

Two’s Complement: 85

A2. Binary: 11011011

Sign Magnitude: -91

One’s Complement: 00100100 -> -36

Two’s Complement: 00100101 -> -37

A3. Binary: 10000000

Sign Magnitude: -0

One’s Complement: 01111111 -> -127

Two’s Complement: 10000000 -> -128

A4. Binary: 11111111

Sign Magnitude: -127

One’s Complement: 00000000 -> -0

Two’s Complement: 00000001 -> -1