2's Complement System

- Normal binary place values except MSB has negative weight
 MSB of 1 = -2^(n-1)
- 2's Complement Range
- Given n bits...
 - Max positive value = 011...11
 - Includes all n-1 positive place values
 - Max negative value = 100...00
 - Includes only the negative MSB place value
- Range with n-bits of 2's complement
 - ° [-2^(n-1) to +2^(n-1)-1]