

ONE'S COMPLIMENT

To find ones compliment just inverse the bits.

For subtraction, find ones compliment for negative number and add it. If there is a carry just add it to the sum to get the answer.

TWO'S COMPLIMENT

To find 2's compliment, take 1's compliment and add 1 to it.

For subtraction, find 2's compliment and just add. If there is a carry, just discard it. If there is no carry and still the MSD is 1, take the 2's compliment of the difference to get the answer.