Each of the following base 10 numbers in signed magnitude, one's complement and two's complement. Each of the numbers should be represented in 8 bits.[7.5 marks]

Base 10	Signed Magnitude Binary Representation	One's Complement Binary Representation	Two's Complement Binary Representation
43	001010111	001010111	001010111
-43	10101011	11010100	11010101
-128	Invalid	Invalid	Invalid
127	01111111	10000000	10000001
-1	100000001	11111110	11111111