

ENCS238 (Computer Organization)	Spring Semester 2017
Name:	ID:
1) Represent $(-28)_{10}$ as a signed integer with the of bits.	following representations, using minimum number
a) Two's complement representation [2pts]	
b) Sign magnitude representation [2pts]	
c) Bias representation [2pts]	
2) Use 8-bit floating-point number representation (-3.75) ₁₀ [4pts]	on as shown in the following figure to represent
1 hit Sign hit 3 hits exponent 4 hits sign	nificant