Addition and Multi	plication		
1st 2nd and or 0			
0 1 0 1			
1 0 0 1			
Complement		sign bit extension	
1's Complement of -8:      0    2's Complement of -8:      1000		+1	
	Maximum negative and minimum position	ve remain wichanged 0+0 2	
1's Complement of 8: 0000 0111 2's Complement of 8: 0000 1000		000	
1's Complement of -36:  101   011		111 -1	
2's Complement of -36:   10   100		1 0 1 -3	
I's Complement of 36: 0010 0011		100 -4	
2's Complement of 36: 00 10 0100			
	next bit of least significant bit set reversed	turns out the negative of its value	
0100 + 0100 = 1000			
1000 + 1000 = 0000			
5 -> 010   7 -> 011   1111	×         =		
1011 e multiplicand can be regative	21111-111-001		
	1101 ← the lower offset bits from so	urce are not affected by sign bit extension	
1101101			
X → 1001 + multiplier with sign bit set			
00000101	ol ← no matter the leftimost bit in	the lower offset bits from source is treat	ed
11011101	as either a sign or digit bit, pro	ocessor construing the same binary interpret	tion