

Binary String	Unsigned (positional) Interpretation	Sign Magnitude Interpretation	One's Complement Interpretation	Two's Complement Interpretation
0000	0	0	0	0
0001	1	1	1	1
0010	2	2	2	2
0011	3	3	3	3
0100	4	4	4	4
0101	5	5	5	5
0110	6	6	6	6
0111	7	7	7	7
1000	8	-0	-7	-8
1001	9	-1	-6	-7
1010	10	-2	-5	-6
1011	11	-3	-4	-5
1100	12	-4	-3	-4
1101	13	-5	-2	-3
1110	14	-6	-1	-2
1111	15	-7	-0	-1

Figure 3.9 The decimal value assigned to each combination of four bits when using unsigned, sign-magnitude, one's complement, and two's complement interpretations.