Counting Using Different Number Systems

(Base 2) Binary	(Base 8) Octal	(Base 10) Decimal	(Base 16) Hexadecimal
0	0	0	0
1	1	1	1
10	2	2	2
11	3	3	3
100	4	4	4
101	5	5	5
110	6	6	6
111	7	7	7
1000	10	8	8
1001	11	9	9
1010	12	10	A
1011	13	11	B
1100	14	12	C
1101	15	13	D
1110	16	14	E
1111	17	15	F
10000	20	16	10
10001	21	17	11
10010	22	18	12
10011	23	19	13
10100	24	20	14
10101	25	21	15
10110	26	22	16
10111	27	23	17
11000	30	24	18
11001	31	25	19
11010	32	26	1A
11011	33	27	1B
11100	34	28	1C
11101	35	29	1D
11110	36	30	1E
11111	37	31	1F
100000	40	32	20