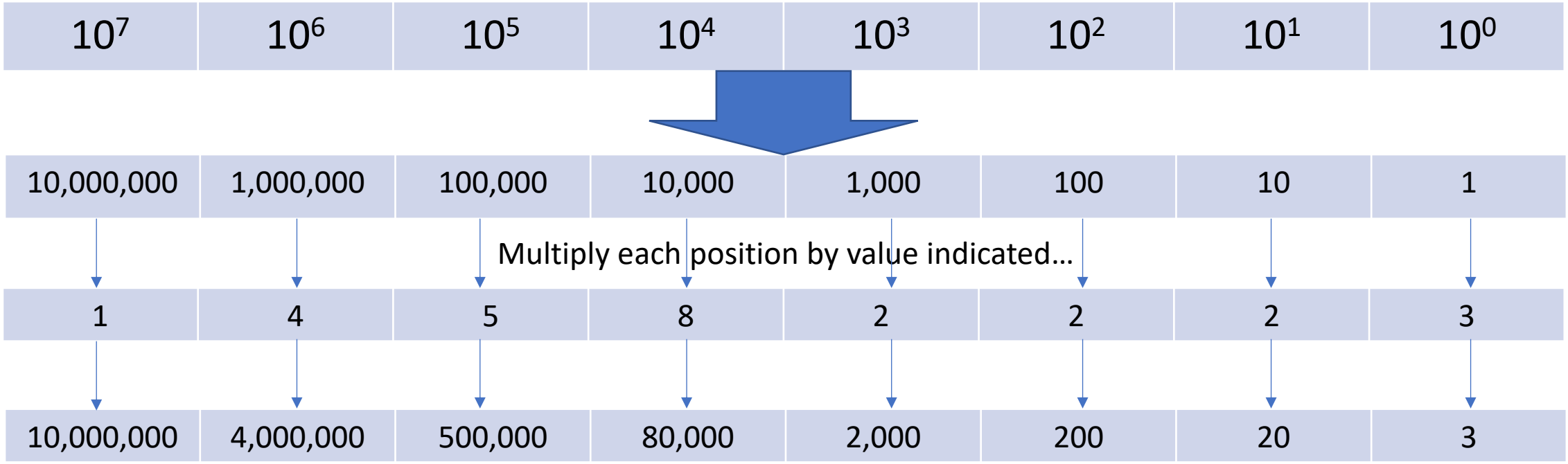
Computer Number Systems

Decimal	Binary (Nibble)	Hexadecimal
0	0000	0
1	0001	1
2	0010	2
3	0011	3
4	0100	4
5	0101	5
6	0110	6
7	0111	7
8	1000	8
9	1001	9
10	1010	A
11	1011	B
12	1100	C
13	1101	D
14	1110	E
15	1111	F

Decimal	Binary (Byte)	Hexadecimal
0	00000000	00
17	00010001	11
34	00100010	22
51	00110011	33
68	01000100	44
85	01010101	55
102	01100110	66
119	01110111	77
136	10001000	88
153	10011001	99
170	10101010	AA
187	10111011	BB
204	11001100	CC
221	11011101	DD
238	11101110	EE
255	11111111	FF

Positional Notation - Base 10

14,582,223

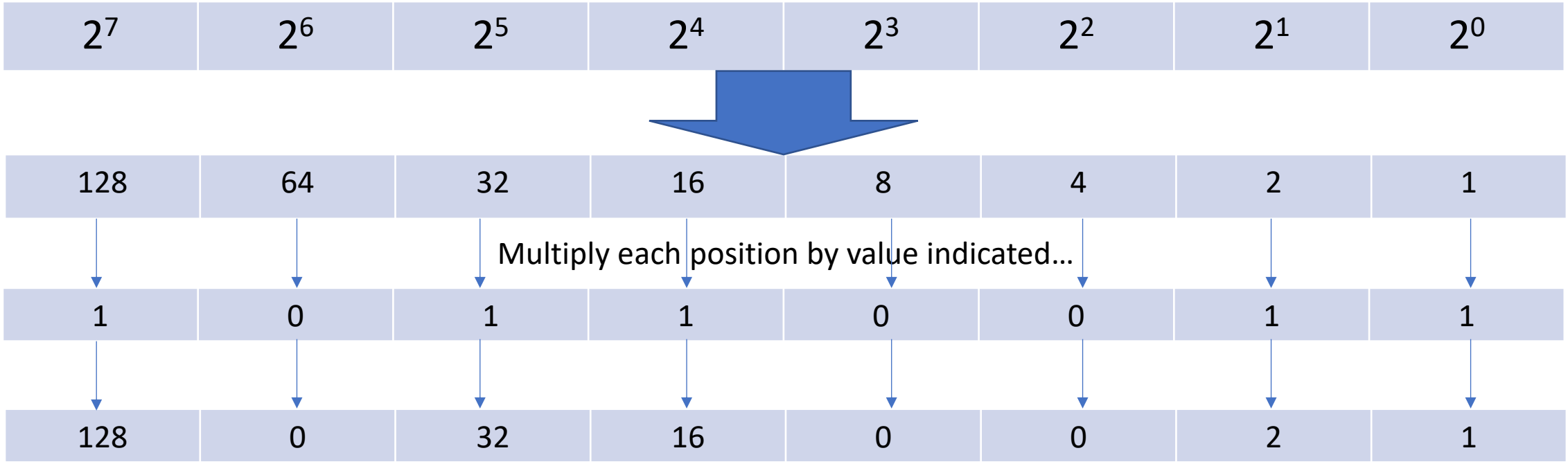


Then add the results…

Positional Notation - Base 2 -> Decimal

10110011

0xB3



Then add the results…

128 + 32 + 16 + 2 + 1 = **179**

Positional Notation - Base 16 -> Decimal

0x101024AC

16^7	16^6	16^5	16^4	16^3	16^2	16^1	16^0
268,435,456	16,777,216	1,048,576	65,536	4,096	256	16	1
1	0	1	0	2	4	A	C
268,435,456	0	1,048,576	0	8,192	1,024	160	12

Multiply each position by value indicated…

Then add the results…

268,435,456 + 1,048,576 + 8,192 + 1,024 + 160 + 12 = **269,493,420**