

Decimal, Binary and Hexadecimal
Study the table below and fill in the table that follows

Decimal	2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0	16^2	16^1	16^0
	128	64	32	16	8	4	2	1	256	16	1
1								1			1
2							1	0			2
3							1	1			3
4						1	0	0			4
5	4 + 1 = 5					1	0	1			5
6						1	1	0			6
7						1	1	1			7
8					1	0	0	0			8
9					1	0	0	1			9
10					1	0	1	0			A
11	8 + 2 + 1 = 11				1	0	1	1			B
12					1	1	0	0			C
13					1	1	0	1			D
14					1	1	1	0			E
15					1	1	1	1			F
16				1	0	0	0	0		1	0
17				1	0	0	0	1		1	1
18				1	0	0	1	0		1	2
19	16 + 2 + 1 = 19			1	0	0	1	1		1	3
20				1	0	1	0	0		1	4
21				1	0	1	0	1		1	5
22				1	0	1	1	0		1	6
23				1	0	1	1	1		1	7
24				1	1	0	0	0		1	8
25				1	1	0	0	1		1	9
26				1	1	0	1	0		1	A
27				1	1	0	1	1		1	B
28				1	1	1	0	0		1	C
29				1	1	1	0	1		1	D
30	16 + 8 + 4 + 2 = 30			1	1	1	1	0		1	E
31				1	1	1	1	1		1	F
32			1	0	0	0	0	0		2	0
33			1	0	0	0	0	1		2	1
34			1	0	0	0	1	0		2	2
35			1	0	0	0	1	1		2	3
64		1	0	0	0	0	0	0		4	0
127		1	1	1	1	1	1	1		7	F
128	1	0	0	0	0	0	0	0		8	0
142	1	0	0	0	1	1	1	0		8	E
143	1	0	0	0	1	1	1	1		8	F
144	1	0	0	1	0	0	0	0		9	0

