

8	7	6	5	4	3	2	1	0	2^n		7	6	5	4	3	2	1	0	2^n	.
2	1										1									.
5	2	6	3	1							2	6	3	1						.
6	8	4	2	6	8	4	2	1	DEC		8	4	2	6	8	4	2	1		.

0.000000001	001	2^0	100000000	128
0.000000010	002	2^1	110000000	192
0.000000011	003		111000000	224
0.000000100	004	2^2	111100000	240
0.000000111	007		111110000	248
0.000001000	008	2^3	111111000	252
0.000001111	015		111111100	254
0.000010000	016	2^4	111111111	255
0.000111111	031			
0.001000000	032	2^5	compare with	
0.001111111	063		Decimal:	
0.010000000	064	2^6	9+1=10	
0.011111111	127		99+1=100	
0.100000000	128	2^7	999+1=1000	
0.111111111	255		9999+1=10000	
1.000000000	256	2^8		

Important Binary Numbers :

2^10 = 1K	2^16 = 64 K	= 65536
2^20 = 1M	2^24 = 16,7	Mega DEC!
2^30 = 1G	2^32 = 4,3	Giga DEC!
2^40 = 1T		
2^50 = 1P		

Absolutely minimum to know!!!!!!!!!!