

Master Bit Class : A							
No of Host	subnet bits	host bits	Subnet mask	Subnet ID	Firs host	Last Host	Boadcast
5000000	0	23	/9	10.0.0.0	10.0.0.1	10.127.255.254	10.127.255.255
202000	100000	18	/14	10.128.0.0	10.128.0.1	10.131.255.254	10.131.255.255
200000	100001	18	/14	10.132.0.0	10.132.0.1	10.135.255.254	10.135.255.255
10000	1000100000	14	/18	10.136.0.0	10.136.0.1	10.137.255.254	10.137.255.255
5000	100010100	13	/19	10.138.0.0	10.138.0.1	10.138.127.254	10.138.127.255
2000	10001010.100	11	/21	10.138.128.0	10.138.128.1	10.138.159.254	10.138.159.255
80	10001010.10100000.0	7	/25	10.138.160.0	10.138.160.1	10.138.160.126	10.138.160.127
40	10001010.10100000.10	6	/26	10.138.160.128	10.138.160.129	10.138.160.190	10.138.160.191
20	10001010.10100000.110	5	/27	10.138.160.192	10.138.160.193	10.138.160.222	10.138.160.223
2	10001010.10100000.111000	2	/30	10.138.160.224	10.138.160.225	10.138.161.226	10.138.161.227
2-Extra	10001010.10100001.111001	2	/30	10.138.161.228	10.138.161.229		
Master Bit Class : B							
No of Host	subnet bits	host bits	Subnet mask	Subnet ID	Firs host	Last Host	Boadcast
1024	00000	11	/21	172.16.0.0	172.16.0.1	172.16.7.254	172.16.7.255
505	0000100	9	/23	172.16.8.0	172.16.8.1	172.16.9.254	172.16.9.255
400	0000101	9	/23	172.16.10.0	172.16.10.1	172.16.11.254	172.16.11.255
250	00001100	8	/24	172.16.12.0	172.16.12.1	172.16.12.254	172.16.12.255
25	00001101000	5	/27	172.16.13.0	172.16.13.1	172.16.13.30	172.16.13.31
10	000011010010	4	/28	172.16.13.32	172.16.13.33	172.16.13.46	172.16.13.47
2	00001101001100	2	/30	172.16.13.48	172.16.13.49	172.16.13.50	172.16.13.51
2	00001101.001101	2	/30	172.16.13.52	172.16.13.53	172.16.13.54	172.16.13.55
2	00001101.001110	2	/30	172.16.13.56	172.16.13.57	172.16.13.58	172.16.13.59
2	00001101.0011111	2	/30	172.16.13.60	172.16.13.61	172.16.13.118	172.16.13.119
2-Extra	00001101.011110	2	/30	172.16.13.120	172.16.13.121		
Master Bit- Class : C							
No of Host	subnet bits	host bits	Subnet mask	Subnet ID	Firs host	Last Host	Boadcast
60	00	6	/26	192.168.0.0	192.168.0.1	192.168.0.62	192.168.0.63
25	010	5	/27	192.168.0.64	192.168.0.65	192.168.0.94	192.168.0.95
18	011	5	/27	192.168.0.96	192.168.0.97	192.168.0.126	192.168.0.127
14	1000	4	/28	192.168.0.128	192.168.0.129	192.168.0.142	192.168.0.143
12	1001	4	/28	192.168.0.144	192.168.0.145	192.168.0.158	192.168.0.159
8	1010	4	/28	192.168.0.160	192.168.0.161	192.168.0.174	192.168.0.175
5	10110	3	/29	192.168.0.176	192.168.0.177	192.168.0.182	192.168.0.183
2	101110	2	/30	192.168.0.184	192.168.0.185	192.168.0.186	192.168.0.187
2	101111	2	/30	192.168.0.188	192.168.0.189	192.168.0.190	192.168.0.191
2-Extra	110000	2	/30	192.168.0.192	192.168.0.193		