IP Subnetting worksheet - 0xd6e3

PROBLEMS

CIDR	Network	Bcast	IP Count	First IP	DQ Netmask
102.204.166.91/16	102.204.0.0	102.204.255.255	65536	102.204.0.1	255.255.0.0
70.248.41.137/22					
219.41.219.224/27					
150.167.98.198/19					
133.36.30.247/28					
16.128.210.82/21					
174.113.224.124/19					
49.196.33.161/22					
140.197.137.213/18					
156.5.220.232/24					
151.94.7.19/18					
118.65.90.97/19					
111.90.96.20/23					
212.195.249.82/27					
183.53.66.196/17					
211.221.56.240/21					
206.186.129.154/27					
204.65.191.222/27					
86.68.100.103/18					
162.70.215.131/16					
170.254.8.168/23					

SOLUTIONS

CIDR	Network	Bcast	IP Count	First IP	DQ Netmask
70.248.41.137/22	70.248.40.0	70.248.43.255	1024	70.248.40.1	255.255.252.0
219.41.219.224/27	219.41.219.224	219.41.219.255	32	219.41.219.225	255.255.255.224
150.167.98.198/19	150.167.96.0	150.167.127.255	8192	150.167.96.1	255.255.224.0
133.36.30.247/28	133.36.30.240	133.36.30.255	16	133.36.30.241	255.255.255.240
16.128.210.82/21	16.128.208.0	16.128.215.255	2048	16.128.208.1	255.255.248.0
174.113.224.124/19	174.113.224.0	174.113.255.255	8192	174.113.224.1	255.255.224.0
49.196.33.161/22	49.196.32.0	49.196.35.255	1024	49.196.32.1	255.255.252.0
140.197.137.213/18	140.197.128.0	140.197.191.255	16384	140.197.128.1	255.255.192.0
156.5.220.232/24	156.5.220.0	156.5.220.255	256	156.5.220.1	255.255.255.0
151.94.7.19/18	151.94.0.0	151.94.63.255	16384	151.94.0.1	255.255.192.0
118.65.90.97/19	118.65.64.0	118.65.95.255	8192	118.65.64.1	255.255.224.0
111.90.96.20/23	111.90.96.0	111.90.97.255	512	111.90.96.1	255.255.254.0
212.195.249.82/27	212.195.249.64	212.195.249.95	32	212.195.249.65	255.255.255.224
183.53.66.196/17	183.53.0.0	183.53.127.255	32768	183.53.0.1	255.255.128.0
211.221.56.240/21	211.221.56.0	211.221.63.255	2048	211.221.56.1	255.255.248.0
206.186.129.154/27	206.186.129.128	206.186.129.159	32	206.186.129.129	255.255.255.224
204.65.191.222/27	204.65.191.192	204.65.191.223	32	204.65.191.193	255.255.255.224
86.68.100.103/18	86.68.64.0	86.68.127.255	16384	86.68.64.1	255.255.192.0
162.70.215.131/16	162.70.0.0	162.70.255.255	65536	162.70.0.1	255.255.0.0
170.254.8.168/23	170.254.8.0	170.254.9.255	512	170.254.8.1	255.255.254.0