



128		
129	Netmask .252	
130	Network x.x.x.128/30	
131	Broadcst. x.x.x.131	
132		Netmask .248
133	Netmask .252	Network x.x.x.128/29
134	Network x.x.x.132/30	Broadcst. x.x.x.135
135	Broadcst. x.x.x.135	

195	112	64	128	Network Address
11000011	01110000	01000000	10000000	32 bits in an IPv4 address
255	255	255	248	Subnet Mask
11111111	11111111	11111111	11111000	29 bits in subnet mask = <b>prefix length</b>
11111111	11111111	11111111	11111000	3 bits left for host address
195	112	64	128 - 135	Network Range / Block
11000011	01110000	01000000	10000000	all zeros = <b>network address</b> 195.112.64.128
11000011	01110000	01000000	10000001	195.112.64.129 (router address)
11000011	01110000	01000000	10000010	195.112.64.130
11000011	01110000	01000000	10000011	195.112.64.131
11000011	01110000	01000000	10000100	195.112.64.132
11000011	01110000	01000000	10000101	195.112.64.133
11000011	01110000	01000000	10000110	195.112.64.134
11000011	01110000	01000000	10000111	all ones = <b>broadcast address</b> 195.112.64.135