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# Determining Network Ranges

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For each IP Address, write in the network address, the 1<sup>st</sup> usable host, the last usable host and the broadcast address based on the class.

	<b>Address</b>	<b>Network</b>	<b>1<sup>st</sup> Usable</b>	<b>Last Usable</b>	<b>Broadcast</b>
#1	192.168.206.135	192.168.206.0	192.168.206.1	192.168.206.254	192.168.206.255
#2	24.36.11.48	24.0.0.0	24.0.0.1	24.255.255.254	24.255.255.255
#3	156.243.192.99				
#4	10.176.234.137				
#5	43.109.138.100				
#6	192.168.30.67				
#7	59.30.106.41				
#8	24.119.52.103				
#9	172.159.243.154				
#10	126.230.35.110				
#11	192.168.39.160				
#12	126.174.78.126				
#13	46.197.43.236				
#14	10.193.165.91				
#15	176.96.198.196				
#16	192.168.244.229				
#17	29.157.148.204				
#18	17.16.62.134				
#19	172.25.190.90				
#20	151.166.150.58				
#21	192.173.144.71				
#22	137.88.135.250				
#23	87.145.242.234				
#24	10.214.147.185				
#25	129.25.152.88				

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## Answers

	<b>Address</b>	<b>Network</b>	<b>1<sup>st</sup> Usable</b>	<b>Last Usable</b>	<b>Broadcast</b>
#1	192.168.206.135	192.168.206.0	192.168.206.1	192.168.206.254	192.168.206.255
#2	24.36.11.48	24.0.0.0	24.0.0.1	24.255.255.254	24.255.255.255
#3	156.243.192.99	156.243.0.0	156.243.0.1	156.243.255.254	156.243.255.255
#4	10.176.234.137	10.0.0.0	10.0.0.1	10.255.255.254	10.255.255.255
#5	43.109.138.100	43.0.0.0	43.0.0.1	43.255.255.254	43.255.255.255
#6	192.168.30.67	192.168.30.0	192.168.30.1	192.168.30.254	192.168.30.255
#7	59.30.106.41	59.0.0.0	59.0.0.1	59.255.255.254	59.255.255.255
#8	24.119.52.103	24.0.0.0	24.0.0.1	24.255.255.254	24.255.255.255
#9	172.159.243.154	172.159.0.0	172.159.0.1	172.159.255.254	172.159.255.255
#10	126.230.35.110	126.0.0.0	126.0.0.1	126.255.255.254	126.255.255.255
#11	192.168.39.160	192.168.39.0	192.168.39.1	192.168.39.254	192.168.39.255
#12	126.174.78.126	126.0.0.0	126.0.0.1	126.255.255.254	126.255.255.255
#13	46.197.43.236	46.0.0.0	46.0.0.1	46.255.255.254	46.255.255.255
#14	10.193.165.91	10.0.0.0	10.0.0.1	10.255.255.254	10.255.255.255
#15	176.96.198.196	176.96.0.0	176.96.0.1	176.96.255.254	176.96.255.255
#16	192.168.244.229	192.168.244.0	192.168.244.1	192.168.244.254	192.168.244.255
#17	29.157.148.204	29.0.0.0	29.0.0.1	29.255.255.254	29.255.255.255
#18	17.16.62.134	17.0.0.0	17.0.0.1	17.255.255.254	17.255.255.255
#19	172.25.190.90	172.25.0.0	172.25.0.1	172.25.255.254	172.25.255.255
#20	151.166.150.58	151.166.0.0	151.166.0.1	151.166.255.254	151.166.255.255
#21	192.173.144.71	192.173.144.0	192.173.144.1	192.173.144.254	192.173.144.255
#22	137.88.135.250	137.88.0.0	137.88.0.1	137.88.255.254	137.88.255.255
#23	87.145.242.234	87.0.0.0	87.0.0.1	87.255.255.254	87.255.255.255
#24	10.214.147.185	10.0.0.0	10.0.0.1	10.255.255.254	10.255.255.255
#25	129.25.152.88	129.25.0.0	129.25.0.1	129.25.255.254	129.25.255.255