

Grupa: 1819

Seria: C

1. IP: 131.80.20.200 - clasa B

Maska: 255.255.255.224

Adresa sub:

$$200 = 11001000$$

$$224 = 11100000 \quad (SI)$$

$$\frac{11001000}{11100000} = 1 \quad 2^8 + 2^7 = 64 + 128 = 192 = 1$$

Subnetarea: 131.80.20.192

Broadcast: ~~255.255.255.223~~ 131.80.20.223

$$In\ max: 192 + 32 = 224 - 1 (pt\ Broadcast) = 223$$

2. IP: 90.80.20.70 - clasa C

Maska: 255.255.255.240

$$70 = 1000110$$

$$240 = 11110000$$

$$SI\ logic: \frac{1000110}{11110000} = 1 \quad 2^6 = 64 = 1$$

$$adresa: 90.80.20.64$$

$$Adresa\ ultie: 90.80.20.64 + 1 + 11 = 90.80.20.76$$

3. IP: 140.200.1950

Maska: 255.255.255.240

$$50 = 00110010$$

$$240 = 11110000$$

$$\frac{00110010}{11110000} = 2^4 + 2^5 = 16 + 32 = 48$$

$$\frac{181}{16} = 11.31$$