Esercizio

1) 1.1.1.1./8
   subnet mask= 255.0.0.0
   IP network= 1.0.0.0/8
   IP gateway=1.0.0.1/8
   IP broadcast=1.255.255.255/8
   IP host= 1.0.0.2 - 1.255.255.254
   8 bit n 24 bit h

2) 128.1.6.5/12
   Subnet mask= 255.240.0.0
   IP network=128.0.0.0/12
   IP gateway=128.0.0.1/12
   IP broadcast=128.15.255.255/12
   IP host= 128.0.0.2 - 128.15.255.254
   12 bit n 20 bit h

3) 200.1.2.3/24
   Subnet mask= 255.255.255.0
   IP network=200.1.2.0/24
   IP gateway=200.1.2.1/24
   IP broadcast=200.1.2.255/24
   IP host= 200.1.2.2 - 200.1.2.254
   24 bit n 8 bit h

4) 192.192.1.1/22
   Subnet mask= 255.255.252.0
   IP network=192.192.0.0/22
   IP gateway=192.192.0.1/22
   IP broadcast=192.192.3.255/22
   IP host= 192.192.0.2 - 192.192.3.254
   22 bit n 10 bit h

5) 126.5.4.3/9
   Subnet mask= 255.128.0.0
   IP network=126.0.0.0/9
   IP gateway=126.0.0.1/9
   IP broadcast=126.128.255.255/9
   IP host= 126.0.0.2 - 126.128.255.254
   9 bit n 23 bit h

6) 200.1.9.8/24
   Subnet mask= 255.255.255.0
   IP network=200.1.9.0/24
   IP gateway=200.1.9.1/24
   IP broadcast=200.1.9.255/24
   IP host= 200.1.9.2 - 200.1.9.254
   24 bit n 8 bit h

7) 172.16.0.4/16
   Subnet mask= 255.255.0.0
   IP network=172.16.0.0/16
   IP gateway=172.16.0.1/16
   IP broadcast=172.16.255.255/16
   IP host= 172.16.0.2 - 172.16.255.254
   16 bit n 16bit h