**Esercizi S1L2**

1. **1.1.1.1/8**

1111111.00000000.00000000.00000000

CLASSE A  
Subnet mask 255.0.0.0

IP NETWORK 1.0.0.0/8

IP BROADCAST 1.255.255.255

IP GATEWAY 1.0.0.1

IP HOST 1.0.0.1/8 - 1.255.255.254/8

8 bit per network, 24 bit per host

1. **128.1.6.5/12**

11111111.11110000.00000000.00000000

CLASSE B

Subnet mask 255.240.0.0

IP NETWORK 128.0.0.0/12

iP BROADCAST 128.15.255.255

IP GATEWAY 128.0.0.1

IP HOST 128.0.0.2

12 bit per network, 20 per host

1. **200.1.2.3/24**

11111111.11111111.11111111.00000000

CLASSE C

Subnet mask 255.255.255.0

IP NETWORK 200.1.2.0/24

IP BROADCAST 200.1.2.255

IP GATEWAY 200.1.2.1

IP HOST 200.1.2.2

24 bit per network, 8 bit per host

1. **192.192.1.1/22**

11111111.11111111.1111100.00000000

CLASSE C

Subnet mask 255.255.252.0

IP NETWORK 192.192.0.0/22

IP BROADCAST 192.192.3.255

IP GATEWAY 192.192.0.1

IP HOST 192.192.0.2/22 - 192.192.3.254/22

12 bit per network, 20 per host

1. **126.5.4.3/9**

11111111.10000000.00000000.00000000

CLASSE A

Subnet mask 255.128.0.0

IP NETWORK 126.0.0.0

IP BROADCAST 126.127.255.255

IP GATEWAY 126.0.0.1

IP HOST 126.0.0.2/9 - 126.127.255.254/9

9 bit per network, 23 per host

1. **200.1.9.8/24**

11111111.11111111.11111111.00000000

CLASSE C

Subnet mask 255.255.255.0

IP NETWORK 200.1.9.0

IP BROADCAST 200.1.9.255

IP GATEWAY 200.1.9.1

IP HOST 200.1.9.2/24 - 200.1.9.254/24

24 bit per network, 8 bit per host

1. **172.16.0.4/16**

11111111.11111111.00000000.00000000

CLASSE B

Subnet mask 255.255.0.0

IP NETWORK 172.16.0.0/16

IP BROADCAST 172.16.0.255

IP GATEWAY 172.16.0.1

IP HOST 172.16.0.2/16 - 172.16.0.254/16

16 bit per network, 16 bit per host