IP ADDRESS	1.1.1.1/8
CLASSE	A
CIDR	8
IP ADDRESS (binario)	00000001.00000001.00000001.00000001
SUBNET MASK (binario)	11111111.00000000.00000000.00000000
SUBNET MASK (decimale)	255.0.0.0
NETWORK IP (binario)	00000001.00000000.00000000.00000000
NETWORK IP (decimale)	1.0.0.0
BROADCAST IP (binario)	00000001.11111111.11111111.11111111
BROADCAST IP (decimale)	1.255.255.255
IP GATEWAY	1.0.0.1
N° NETWORKS	$2^{24} - 2 =$ 16777216 - 2 = 16777214

IP ADDRESS	128.1.6.5/12
CLASSE	B
CIDR	12
IP ADDRESS (binario)	10000000.00000001.00000110.00000101
SUBNET MASK (binario)	11111111.11110000.00000000.00000000
SUBNET MASK (decimale)	255.240.0.0
NETWORK IP (binario)	10000000.00000000.00000000.00000000
NETWORK IP (decimale)	128.0.0.0
BROADCAST IP (binario)	10000000.00001111.11111111.11111111
BROADCAST IP (decimale)	128.15.255.255
IP GATEWAY	128.0.0.1
N° NETWORKS	$2^{20} - 2 =$ 1048576 - 2 = 1048574

IP ADDRESS	200.1.2.3/24
CLASSE	C
CIDR	24
IP ADDRESS (binario)	11001000.00000001.00000010.00000011
SUBNET MASK (binario)	11111111.11111111.11111111.00000000
SUBNET MASK (decimale)	255.255.255.0
NETWORK IP (binario)	11001000.00000001.00000010.00000000
NETWORK IP (decimale)	200.1.2.0
BROADCAST IP (binario)	11001000.00000001.00000010.11111111
BROADCAST IP (decimale)	200.1.2.255
IP GATEWAY	200.1.2.255
N° NETWORKS	$2^8 - 2 =$ 256 - 2 = 254

IP ADDRESS	192.192.1.1/22
CLASSE	C
CIDR	22
IP ADDRESS (binario)	11000000.11000000.00000001.00000001
SUBNET MASK (binario)	111111111.11111111.11111100.00000000
SUBNET MASK (decimale)	255.255.255.0
NETWORK IP (binario)	11000000.11000000.00000000.00000000
NETWORK IP (decimale)	192.192.0.0
BROADCAST IP (binario)	11000000.11000000.00000011.11111111
BROADCAST IP (decimale)	192.192.3.255
IP GATEWAY	192.192.0.1
N° NETWORKS	$2^{10} - 2 =$ 1024 - 2 = 1022

IP ADDRESS	126.5.4.3/9
CLASSE	A
CIDR	9
IP ADDRESS (binario)	01111110.00000101.00000100.00000011
SUBNET MASK (binario)	11111111.10000000.00000000.00000000
SUBNET MASK (decimale)	255.128.0.0
NETWORK IP (binario)	01111110.00000000.00000000.00000000
NETWORK IP (decimale)	126.0.0.0
BROADCAST IP (binario)	01111110.01111111.11111111.11111111
BROADCAST IP (decimale)	126.127.255.255
IP GATEWAY	126.0.0.1
N° NETWORKS	$2^{23} - 2 =$ 8388608 - 2 = 8388606

IP ADDRESS	200.1.9.8/24
CLASSE	C
CIDR	24
IP ADDRESS (binario)	11001000.00000001.00001001.00001000
SUBNET MASK (binario)	11111111.11111111.11111111.00000000
SUBNET MASK (decimale)	255.255.255.0
NETWORK IP (binario)	11001000.00000001.00001001.00000000
NETWORK IP (decimale)	200.1.9.0
BROADCAST IP (binario)	11001000.00000001.00001001.11111111
BROADCAST IP (decimale)	200.1.9.255
IP GATEWAY	200.1.9.1
N° NETWORKS	$2^{8} - 2 =$ 256 - 2 = 254

IP ADDRESS	172.16.0.4/16
CLASSE	B
CIDR	16
IP ADDRESS (binario)	10101100.00010000.00000000.00000100
SUBNET MASK (binario)	11111111.11111111.00000000.00000000
SUBNET MASK (decimale)	255.255.0.0
NETWORK IP (binario)	10101100.00010000.00000000.00000000
NETWORK IP (decimale)	172.16.0.0
BROADCAST IP (binario)	10101100.00010000.11111111.11111111
BROADCAST IP (decimale)	172.16.255.255
IP GATEWAY	172.16.0.1
N° NETWORKS	$2^{16} - 2 =$ 65536 - 2 = 65534