

Imad Adnane (2300024)

1) 10.150.1.0/18

nb hosts: 16382
submask: 255.255.192.0
nb blocs: 256-192=64
Global Network: 10.150.0.0
SubNetwork: 10.150.0.0

2) 10.68.30.1/8

nb hosts: $2^{24}-2=16777214$
submask: 255.0.0.0
nb blocs: 256-0=256
Global Network address: 10.0.0.0
SubNetwork Adress: 10.0.0.0

3) 192.60.10.0/24

nb hosts: $2^8-2= 254$
submask: 255.255.255.0
nb blocs: 256-0=256
Global Network address: 192.60.10.0
SubNetwork Adress: 192.60.10.0

4) 128.70.50.2/18

nb hosts: $2^{14}-2=16382$
submask: 255.255.192.0
nb blocs: 256-192=64
Global Network address: 128.70.0.0
SubNetwork Adress: 128.70.0.0

5) 128.64.32.16/32

pas possible

6) 192.240.1.1/24

nb hosts: $2^8-2=254$
nb blocs: 256-0=256
submask: 255.255.255.0

Global Network address: 192.240.1.0

Subnetwork Adress: 192.240.1.0