

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 Address: 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 Address: 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 Address: 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