

Net: 219.234.1.212
Broad: 219.234.1.215

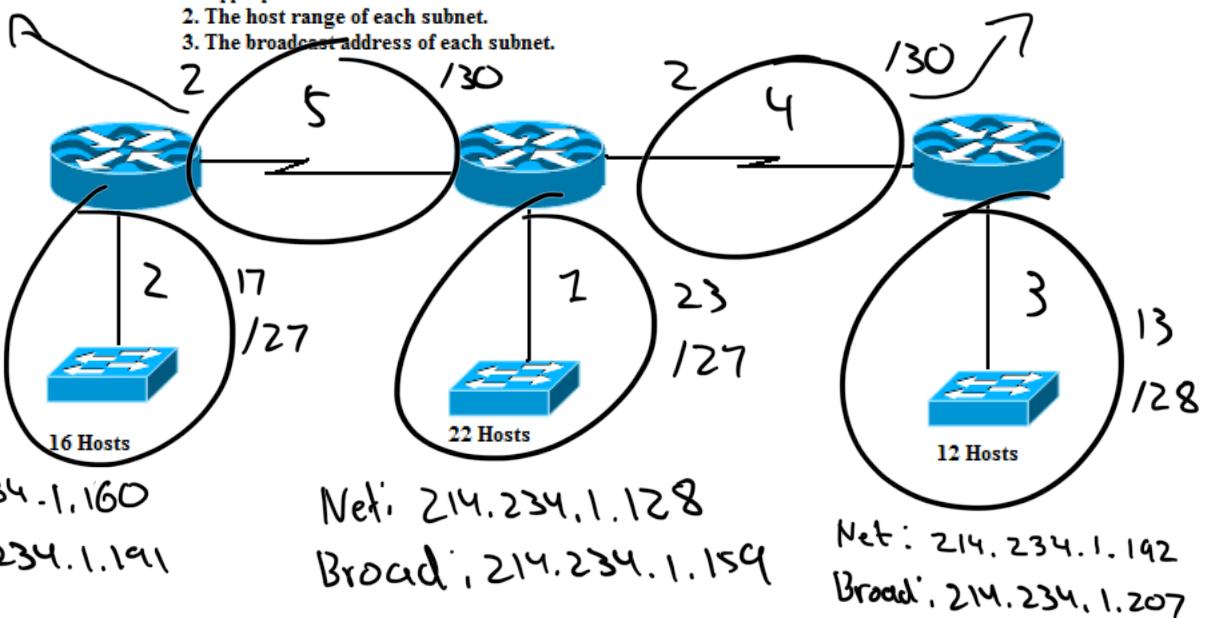
Practice VLSM 3

Net: 214.234.1.208

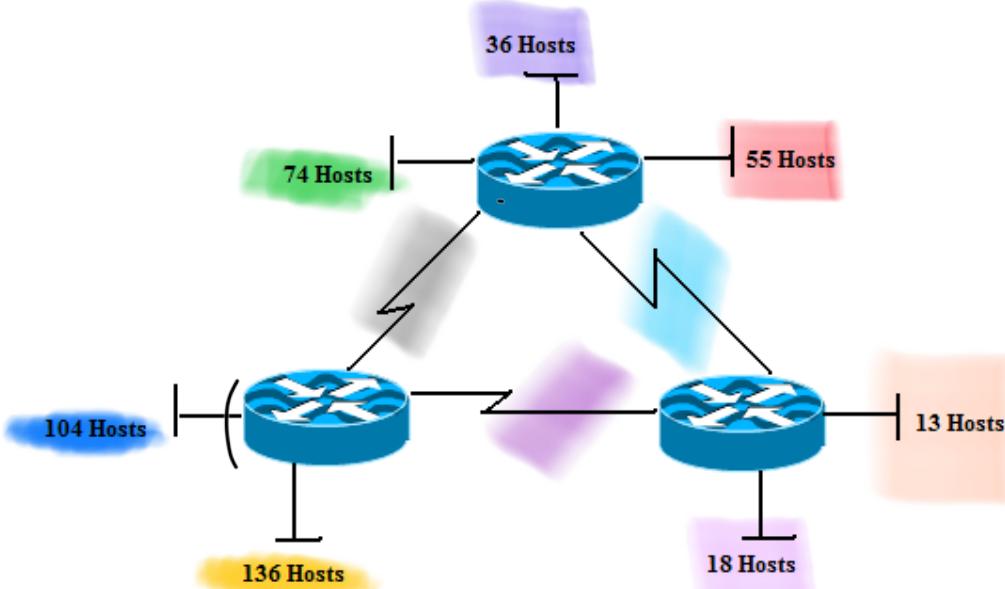
broad: 214.234.1.211

Given the address 214.234.1.128/25, give the following:

1. Appropriate subnets for each subnet.
2. The host range of each subnet.
3. The broadcast address of each subnet.



Practice VLSM 4



Given the Network Address 83.16.16.0/22, subnet this network, conserving as many addresses as possible.

1. 136 Hosts, 8 Bits, /24

N: 83.16.16.0

B: 83.16.16.255

83.16.16.0/24

2. 104 Hosts, 7 Bits, /25

N: 83.16.17.0

B: 83.16.17.127

83.16.17.0/25

3. 74 Hosts, 7 Bits, /25

N: 83.16.17.128

B: 83.16.17.255

83.16.17.128/25

4. 55 Hosts, 6 Bits, /26

N: 83.16.18.0

B: 83.16.18.63

83.16.18.0/26

5. 36 Hosts, 6 Bits, /26

N: 83.16.18.64

B: 83.16.18.127

83.16.18.64/26

6. 18 Hosts, 5 Bits, /27

N: 83.16.18.128

B: 83.16.18.159

83.16.18.128/27

7. 13 Hosts, 4 Bits, /28

N: 83.16.18.160

B: 83.16.18.175

83.16.18.160/28

8. 2 Hosts, 2 Bits, /30

N: 83.16.18.176

B: 83.16.18.179

83.16.18.176/30

9. 2 Hosts, 2 Bits, /30

N: 83.16.18.180

B: 83.16.18.183

83.16.18.180/30

10. 2 Hosts, 2 Bits, /30

N: 83.16.18.184

B: 83.16.18.183

83.16.18.184/30