Base network: 192.168.1.0

No. of subnets= 3

No. of subnets= 2^n

2^=3==🡺 n=2

Class C= 255.255.255.0🡺11111111. 11111111. 11111111.00000000

After borrowing 2 bits

New binary= 11111111. 11111111. 11111111.11000000

New sm: 255.255.255.192

Block size= 64

1st Subnet

Network ID: 192.168.1.0

Broadcast ID: 192.168.1.63

Host range: 192.168.1.1-192.168.1.62

2nd Subnet

Network ID: 192.168.1.64

Broadcast ID:192.168.1.127

Host range: 192.168.1.65-192.168.1.126

3rd Subnet

Network ID: 192.168.1.128

Broadcast ID: 192.168.1.191

Host range: 192.168.129.1-192.168.1.190