Date

4 class c 1

192.168.1.0/24 nz 4 class c

2ⁿ -2 = 2 - 2 = 62

172.16.0.0,16 n=16 Class B (2

 $2 = 16 = 20 \quad n_{2}4 = 20 \quad |72.16.00| / 20$ $= 2 \quad |1| \quad$

172.16.0.1 _ 172.16.15.254 _ 172.16.15.255 172.16.16.0 _ 172.16.16.1 _ 172.16.31.254 _ 172.16.31.256 172.16.32.0 _ 172.16.32.1 _ 172.16.47.255 172.16.48.0 _ 172.16.48.1 _ 172.16.63.254 _ 172.16.63.255 172.16.48.0 _ 172.16.64.1 _ 172.16.63.254 _ 172.16.63.255

PAPCO.

10.0.0.0/8 nz64

Class A 3

11111111.0000000.00000.000000

128 4 255.252.0.0 255.252...0

10.0.0.0 _ [0.0.0.1 _

PAPCO

Subject :

192.168.10.0/24 nz8 14 Class C 1111111. 1111111. 11111111. 000000000 255 . 255 . 255 . 0 2 = 8 => n=3 => 128,64 32 1111111.1111111.11111111.11100000 192.168.10.0/27 255 . 255 . 255 . 224

2⁵ 2 = 30

192.168.10.0 _ 192.168.10.31 192.168.10.32 - 192.168.10.63 192.168.10.64_ 192.168.10.95 192.168.10.96_192.168.10.127 192.168.10.128-192.168.10.159

192.168.10.160_192.168.10.191

192. | 68 . 10 . 192 _ 192 . 168 . 10 . 223

172. 168. 10. 224 - 172-168.10.225

172 31.0.0/16 n=128 1111111.111111.0000000.000000 255, 255.0.0

2 = 128 => n = 7

255 . 255 . 254 . 0 9

172.31.0.0/25 2 _2 = 510

class B

PAPCO

15

Date

```
172.31.0.0 - 172.31.0.1 - 172.31.1.254
172.31.1.255 - 172.31.2.1 - 172.31.3.254
172.31.3.255 - 172.31.4.1 - 172.31.5.254
172.31.5.255 - 172.31.6.1 - 172.31.7.254
172.31.7.255 - 172.31.8.1 - 172.31.9.254
172.31.9.255
```

10.10.0.0.0 - 10.10.0.1 - 10.10.0.62 - 10.10.0.63 10.10.0.64 - 10.10.0.65 - 10.10.0.127 - 10.10.0.128 10.10.0.129 - 10.10.0.190 - 10.10.0.191 - 10.10.0.192 10.10.0.193 - 10.10.0.254 - 10.10.0.255 - 10.10.1.0 10.10.1.1 - 10.10.1.62 - 10.10.1.63

 $2^{n} = 1024 \Rightarrow n = 10$

PAPCO

(7

1111111.	11/1///////////////////////////////////	1-1-11.11000000
255.2	55.255.192	6

2 - 2 - 62

PAPCO