6 - Efetuar os seguintes exercícios do Addressing Subnet Work book: Pág. 5, 6, 7, 13 e 16

Pág. 5

177.100.18.4:	255.255.0.0
119.18.45.0:	255.0.0.0
191.249.234.191:	255.255.0.0
223.23.223.109	255.255.255.0
10.10.250.1	255.0.0.0
126.123.23.1	255.0.0.0
223.69.230.250	255.255.255.0
192.12.35.105	255.255.255.0
77.251.200.51	255.0.0.0
189.210.50.1	255.255.0.0
88.45.65.35	255.0.0.0
128.212.250.254	255.255.0.0
193.100.77.83	255.255.255.0
125.125.250.1	255.0.0.0
1.1.10.50	255.0.0.0
220.90.130.45	255.255.255.0
134.125.34.9	255.255.0.0
95.250.91.99	255.0.0.0

Pág. 6 e 7 não tem exercícios

Pág. 13:

Number of needed usable subnets: 126

Number of needed usable hosts: 131,070

Network Address: 118.0.0.0

Address class: Classe A

Default subnet mask: 255.0.0.0

Custom subnet mask: 255.254.0.0

128+64+32+16+8+4+2=254

/8 + 7 = /15

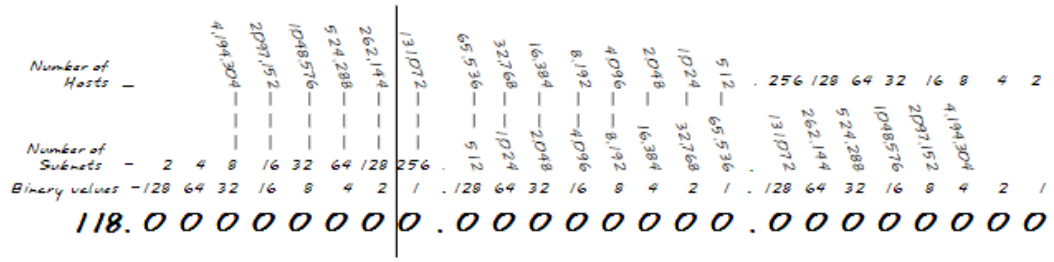
Total number of subnets: 2^7 = 128

Number of usable subnets: 126

Total number of host addresses: 2^{17} (17 porque conto os 0s à frente) = 131072

Number of usable addresses: 131070

Number of bits borrowed: 7



Pág. 16:

Number of needed usable subnets: 60

Number of needed usable hosts: 1000

Network Address: 128.77.0.0

Address class: Classe B

Default subnet mask: 255.255.0.0

Custom subnet mask: 255.255.252.0

128+64+32+16+8+4=252

/16+6=22

Total number of subnets: 62

Number of usable subnets: 60

Total number of host addresses: 1002

Number of usable addresses: 1000

Number of bits borrowed: 6