

Subnetting

Problem 11

Number of needed usable hosts **8,000**

Network Address **135.70.0.0**

Address class B

Default subnet mask 255.255.0.0

Custom subnet mask 255.255.224.0

Total number of subnets 8

Total number of host addresses 8,192

Number of usable addresses 8,190

Number of bits borrowed 3

What is the 6th subnet range? 135.70.1.64 to 135.70.1.127

What is the subnet number for the 7th subnet? 135.70.1.128 ~~135.70.1.128~~

What is the subnet broadcast address for the 3rd subnet? 135.70.0.191

What are the assignable addresses for the 5th subnet? 135.70.1.1 to 135.70.1.62