

Name: _____

Class C Subnet Exercise

Utilize this template to develop your own IP Addressing scheme for each class C network below. The IP address of the network and the subnet sizes are provided as a starting point.

Problem # 1 – 200.6.5.0 – Subnet sizes are 30, 62 and 126

Subnet Size	Network Address	Subnet Mask	IP Range	Broadcast Address
126	200.6.5.0	/25	.1-.126	.127

Problem # 2 – 192.168.5.0 – Subnet sizes are 6, 14, 28 and 60

Subnet Size	Network Address	Subnet Mask	IP Range	Broadcast Address
28	192.168.5.64	/27	.65-.94	.95

Problem # 3 – 220.9.11.0 – Subnet sizes are 2, 2, 13, 27, 59, and 125

Subnet Size	Network Address	Subnet Mask	IP Range	Broadcast Address
27	220.9.11.192	/27	.193-.222	.223
2	220.9.11.240	/30	.241-.242	.243

Problem # 4 – Make up your own given address and create 5 subnets.

Subnet Size	Network Address	Subnet Mask	IP Range	Broadcast Address