1. Write the IP address 222.1.1.20 and mask 255.255.255.192 in CIDR notation

2. Write the IP address 135.1.1.25 and mask 255.255.248.0 in CIDR notation

3. You have been allocated a class C network address of 211.1.1.0 and are using the default subnet mask of 255.255.255.0. How many hosts can you have?

4. Subnet the Class C IP Address 195.1.1.0 so that you have 10 subnets, each with a maximum 12 hosts. List the Addresses on each Host 1 on subnets 0, 1, 2, 3 and 10.

5. Subnet the Class C IP Address 205.11.2.0 so that you have 30 subnets. What is the subnet mask for the maximum number of hosts? How many hosts can each subnet have?

6. Subnet the Class C IP Address 195.1.1.0 so that you have at least 2 subnets, each of which must have room for 48 hosts. What are the two possible subnet masks?