***The Classes of Addresses from A to E***

Which of the following are considered the primary classful addresses? (Choose three)

* IP: 10.200.13.12 Mask:255.0.0.0
* IP: 172.16.200.12 Mask: 255.255.0.0
* IP: 192.168.153.2 Mask: 255.255.255.0

|  |  |  |  |
| --- | --- | --- | --- |
| Class A | 0 – 127 | Class Full Addresses | 255.0.0.0 |
| Class B | 128 - 191 | 255.255.0.0 |
| Class C | 192 – 223 | 255.255.255.0 |
| Class D | 224 – 239 | Multicast Addresses |  |
| Class E | 240 – 255 | Expermential |  |

Your class is on the first 8 bits of the address. So the subnet mask should match the first 8 bits of the address.

***The Fundamentals of IP, Mask, and Gateway***

A bit is either a 1 or 0. How many bits are within one octet?

* 8

***Public and Private Address Ranges***

The RFC 1918 documentation describes how private addresses can be used in local networks. True or false?

* True

***Network Designs that Require Subnetting***

Which of the following will generally be seen in a small office environment? (Choose two)

* ***VOIP***
* ***VLANs***