

Networking Settings Review

1. What does TCP/IP stand for?
2. The first octet of a TCP/IP version 4 defines the address' class. What is the first and last number in the first octet of a class A TCP/IP network address?
3. The first octet of a TCP/IP version 4 defines the address' class. What is the first and last number in the first octet of a class B TCP/IP network address?
4. The first octet of a TCP/IP version 4 defines the address' class. What is the first and last number in the first octet of a class C TCP/IP network address?
5. What are the number of possible IP addresses available for each TCP/IP class?
 - a. Class A
 - b. Class B
 - c. Class C
6. Match the subnet masks 255.0.0.0, 255.255.0.0 and 255.255.255.0 with the TCP/IP address.
 - a. 78.0.0.1
 - b. 130.10.0.1
 - c. 199.100.10.1
7. What is the network and host address in the TCP/IP address 192.168.10.1?
8. What is the network and host address in the TCP/IP address 25.255.100.3?
9. What is the network and host address in the TCP/IP address 130.125.10.6?
10. In the 192.168.0. network, the TCP/IP address 192.168.0.255 is the _____ address.
11. In the 192.168.0. network, the TCP/IP address 192.168.0.0 is the _____ address.
12. The TCP/IP loop-back address is _____.
13. What two options buttons do we select on the Internet Protocol Version 4 Properties window to allow a DHCP device to give the computer a TCP/IP address?
14. What are the seven layers of the OSI model starting with layer 1 on the bottom to layer 7 on the top?
15. What are the four layers of the TCP/IP model starting with layer 1 on the bottom to layer 4 on the top?

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16. Write the following TCP/IP utilities to reset an IP address on a laptop.
 - a. Release an IP address
 - b. Renew an IP address
 - c. Flush the DNS address
 - d. Display the IP address

17. Where would we write the TCP/IP address for the router on the Internet Protocol Version 4 Properties window?

18. Where would we write the TCP/IP addresses for the DNS server on the Internet Protocol Version 4 Properties window?

19. What TCP/IP utility would Trevor use to test the connection from the computer to his router?

20. What TCP/IP port is used for FTP?