1. When running the Ping TCP/IP utility, what is the round trip time measured in?

2. When is the best time to use the Ping utility as a network technician?

3. When we ping www.google.com and we pass the TCP/IP utility test, we will see what data in all four responses?

4. When we read this response to a TCP/IP ping utility, we should check to make sure the cable is plugged into the computer's Network Interface Cable (NIC) and into the RJ45 wall socket.

5. How many times will the PIng TCP/IP utility send a message to a specified IP address when running the utility that comes with the Windows 7 operating system?

6. Name all of the ping expressions when testing the connection from your computer to a computer named Computer12 at IP address 192.168.10.12.

7. Why would the TCP/IP utility IPConfig fail to run on a computer?

8. You have just changed your computer setup for dynamic IP addressing from one network to another network. What TCP/IP utility expression would we want to run?

9. When we run the IPConfig utility on a Windows computer, what three TCP/IP version 4 addresses are shown in the report?

10. When running the TCP/IP utility IPConfig/all, what unique piece for the computer running the report is listed?

11. What TCP/IP utility expression do we write on the command line to receive a new IP address from a DHCP router or server?

12. What IP address is shown after running the ipconfig/release command?

13. What TCP/IP utility do we run to determine the IP address to the DNS server that is supporting our computer?

14. What is a hop?

15. What TCP/IP utility do we run to determine the route our message is taking to connect with another computer or server on the network?

16. What TCP/IP utility do we run to determine the name of our computer?

17. What TCP/IP utility do we run that can combine both the ping and the trace route functions?

18. What TCP/IP utility do we run to show NETBIOS connections?

19. What TCP/IP utility do we run to show connections to our computer along with their MAC address and if that connection is static or dynamic?

20. What other operating systems use TCP/IP utilities?