Network Tests

Speed Test – Use both of the following to run a speed test:

|  |  |  |
| --- | --- | --- |
| Site: | Upload Speed: | Download Speed: |
| <http://www.speedtest.net/> |  |  |
| <https://www.speakeasy.net/speedtest/> |  |  |

Trace Route

Site

|  |  |  |
| --- | --- | --- |
| Web Site: | Number of hops | Number of different locations |
|  |  |  |
|  |  |  |
|  |  |  |

I

Be prepared to discuss the IP Address Class you select.

|  |  |  |
| --- | --- | --- |
| **IP Address** | **Subnet Mask** | **IP Address Class** |
| 24.248.75.200  (Cox Communications) |  |  |
| 157.166.240.11  (CNN) |  |  |
| 198.133.219.25  (Cisco) |  |  |
| 74.125.227.114  (Google) |  |  |

Use the website below to look up the IP addresses of two websites of your choice. Add them to the table below.

[**http://www.networksolutions.com/whois/index.jsp**](http://www.networksolutions.com/whois/index.jsp)

|  |  |  |
| --- | --- | --- |
| **IP Address** | **Subnet Mask** | **IP Address Class** |
|  |  |  |
|  |  |  |

**What is the purpose of the following tools or services?**

**Ping –**

**Trace Route –**

**DNS –**

**Whois –**

**What are 3 examples of the Physical layer of the TCP/IP Protocol?**

**Reflection:** What did you learn from this activity?