Name:

Pitt ID:

Fabric Client Site:

Fabric Server Site:

Fabric Client IP address:

Fabric Server IP address:

-------------------------------------------------------------------------------------------------------------------------------

**Finding RTT**

Average RTT:

-------------------------------------------------------------------------------------------------------------------------------

**Go-Back-N File Transfer Programs**

GBN\_Server.py Output:

GBN\_Client.py Output:

-------------------------------------------------------------------------------------------------------------------------------

**Window Size and Throughput**

Expected throughput for window = 1:

How does your measurement from previous section compare to expectation?

Window size needed for 1 Mbps throughput:

GBN\_Server.py Output with 1 Mbps window:

GBN\_Client.py Output with 1 Mbps window:

Comments:

-------------------------------------------------------------------------------------------------------------------------------

**Loss Emulation**

GBN\_Server.py Output:

GBN\_Client.py Output:

Number of observed timeouts:

Number of expected timeouts:

-------------------------------------------------------------------------------------------------------------------------------

**Termination**

Why is final timeout needed?

What event leads to the sending client getting stuck?