Name:

Pitt ID:

Fabric Client Site:

Fabric Server Site:

Fabric Client Geographic Coordinates:

Fabric Server Geographic Coordinates:

Distance Between Sites (in miles or km):

Fabric Client IP address:

Fabric Server IP address:

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**Finding RTT**

Average RTT:

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

GBN\_Server.py Output:

GBN\_Client.py Output:

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**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:

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**Loss Emulation**

GBN\_Server.py Output:

GBN\_Client.py Output:

Number of observed timeouts:

Number of expected timeouts:

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**Termination**

Why is final timeout needed?

What event leads to the sending client getting stuck?