**In class activity - Ch.1 (1.4 Delay, Throughput)**

1. Nodal delay (at a single router)

d\_node =

1. End-end delay (assume queuing delay is negligible):

d\_end\_end =

- How is traceroute getting the end-end delay for a source – destination connection with 3 hops?

1. Throughput = rate at which the destination receives packages

- is equal to the bottleneck link (slowest link along the path)

1. Try: traceroute.org; Transmission vs. propagation delay applet; Queuing and loss applet