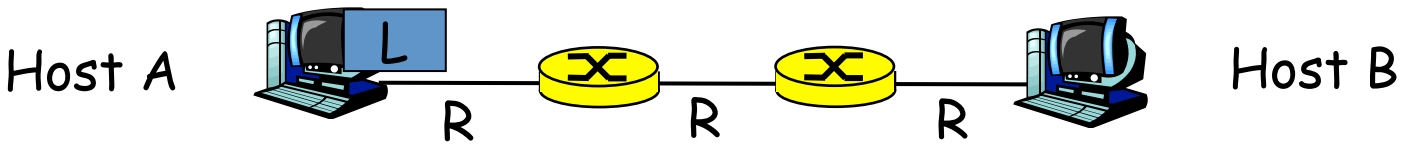
Quiz: Throughput



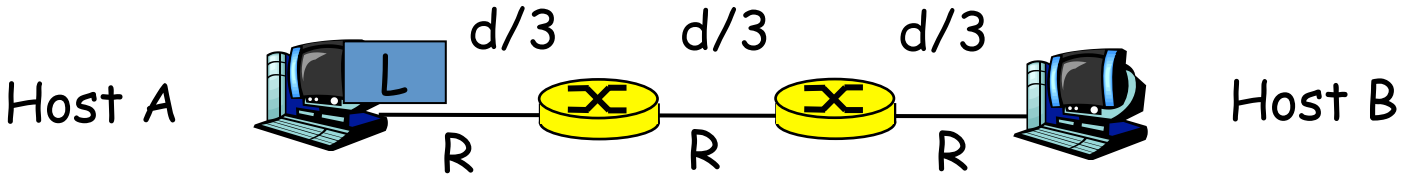
- Suppose: Host A has a large file of size F bits to send to Host B
- File is split into N packets, each of length L bits (i.e., N=F/L)
- Ignore propagation delay for now

- Question 1: how long does it take for the file to arrive at B?

- Question 2: what is the average throughput achieved when sending the file?

Note: throughput = number of total bits sent / total time taken

Quiz: Throughput



- Suppose: Host A has a large file of size F bits to send to Host B
- File is split into N packets, each of length L bits (i.e., N=F/L)
- Do NOT ignore propagation delay (assume prop. speed = s m/s)

- Question 1: how long does it take for the file to arrive at B?

- Question 2: what is the average throughput achieved when sending the file?

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