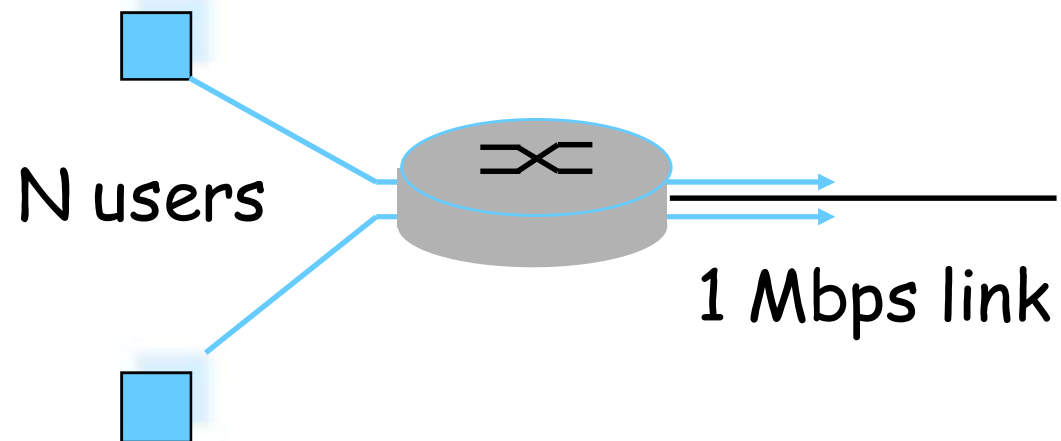




Packet switching versus circuit switching

Packet switching allows more users to use network!

- ❖ **1 Mb/s link**
- ❖ **each user:**
 - 100 kb/s when “active”
 - active 10% of time
- ❖ **circuit-switching:**
 - 10 users
- ❖ **packet switching:**
 - with 35 users, probability > 10 active less than .0004



Q: how did we get value 0.0004?