

CS 372 **Introduction to Computer Networks**
Self-Check Exercises: Lecture 3b

- 1) Describe statistical multiplexing

- 2) Which are faster: Circuit-switched networks or Packet-switched networks?

- 3) What is the total utilization of a circuit-switched network, accommodating 10 users with equal bandwidth, with the following users:
 - Four users are utilizing 100% their bandwidth
 - Two users are utilizing 60% of their bandwidth
 - Four users are inactive

- 4) What are some of the effects of congestion in a packet-switched network?