TCP Congestion Control

**Y Axis =**

**Segments**

**Sent**

**X Axis = Transmission Rounds**

**1.** At transmission round 4, which scheme is operating?

**(a)** TCP Slow Start

**(b)** TCP congestion avoidance

**2.** At the beginning of the **9th** transmission round, which scheme is operating?

**(a)** TCP Slow Start

**(b)** TCP congestion avoidance

**3.** After the **17th** transmission round how is segment loss detected?

**(a)** By a triple duplicate ACK

**(b)** By a timeout

**4.** At the **5th** transmission round what is the value of the ssthresh (slow start threshold)?

**(a)** 1

**(b)** 8

**(c)** 16

**5.** Assuming a packet loss is detected immediately following the 29th transmission round by a timeout, what will the value of the congestion window be?

**(a)** 1

**(b)** 4

**(c)** 4.5