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