CH3 Review Q’s
1. Source port number y and destination port number x.

2. An application developer may not want its application to use TCP’s congestion control, which can throttle the application’s sending rate at times of congestion. Often, designers of IP telephony and IP videoconference applications choose to run their applications over UDP because they want to avoid TCP’s congestion control. Also, some applications do not need the reliable data transfer provided by TCP.

3. Yes. The application developer can put reliable data transfer into the application layer protocol. This would require a significant amount of work and debugging, however.

4. a) false b) false c) true d) false e) true f) false g) false

5. a) 20 bytes b) ack number = 90

6. 3 segments. First segment: seq = 43, ack = 80; Second segment: seq = 80, ack = 44; Third segment: seq = 44, ack = 81

7. R/2

8. False, it is set to half of the current value of the congestion window.

Suggested problem for next class

Ch3 Problems 31, 38, 39 (p292 and 294 class text)