

**CS320: Internetworking**  
**Fall 2021**

**Review Quiz #1**

- Name only: \_\_\_\_\_
- Release date: Aug 30, 2021
- Total 5 pts

1. What does “forwarding” operation do in the router?

[1 pt]

2. What does “store-and-forward transmission” operation do in the router?

[1 pt]

3. Suppose there are two packet switches between a sending host and a receiving host. The transmission rates between the sending host and the first switch and between the second switch and the receiving host are  $R_1$  and  $R_2$ , respectively. The transmission rate between the first switch and the second switch is  $R_3$ . Assuming that the switch uses store-and-forward packet switching, what is the total end-to-end delay to send a packet of length  $L$ ? (Ignore queuing, propagation delay, and processing delay.)

[1 pt]

4. What are the differences between message and packet?

[1 pt]

5. What is a protocol?

[1 pt]