In-class exercise 2

Nam	me: St	tudent ID:
Que	estion 1	
prop	pagation speed along the link	nected by links of rate 1.5 Mbps. Each link is 309 Km long. The is 2×10^8 m/s. There are 3 routers between hosts A and B. Each error detection. Assume there is no congestion in the network cket to host B.
(a)	At what time the last bit of	of the packet leaves host A?
6.4 r	ms	
(1 m	mark)	
(b) 7.94	At what time the last bit of the packet reaches the first router? 5 ms	
(1 m	mark)	
(c)	What is the total end-to-er	nd delay for the packet to reach host B?
	mark)	
Que:	estion 2	
link		ver pairs. Each server link has the rate of 10 Mbps. Each clien e network link has the rate of 1 Gbps. What is the maximum endriver and client?
8.33	3 Mbps	
(1 m	nark)	