

Calculate the delay for the message for conditions in the table below. Assume both processing delay and queuing delay for all devices is 0.

Message size	1000 Bytes
Link X	
- Signal speed	2.00E+008 m/s
- Data rate	1 Mb/s
- Distance	10000 m
Link X	
- Signal speed	2.00E+008 m/s
- Data rate	2 Mb/s
- Distance	10000 m

Question 4 [2 marks]

To send a 1KB file from A to B, the layers within a protocol architecture contribute an additional 200B of overhead. If the data rate of the link from A to B is 6Kb/s, what is the maximum throughput achieved when sending the file?