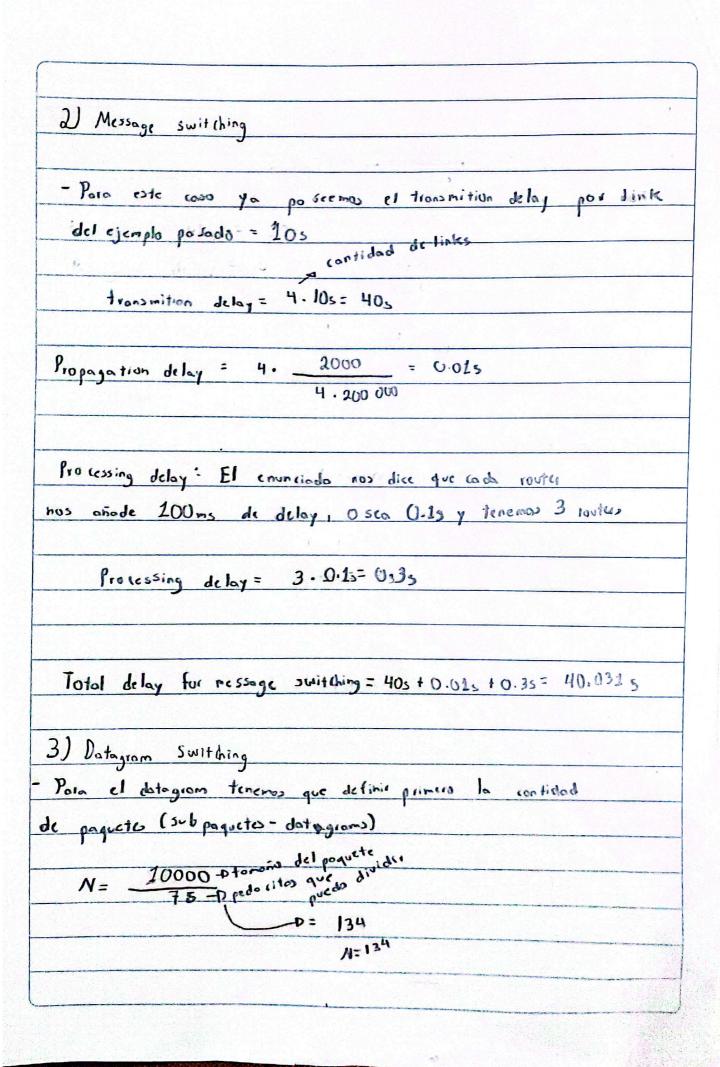
Calculate the total delay to transfer a 10 mb file from
the host 1 to host 2 (from the beginning until the host 2 receives the lost
hit of the file) using circuit switching a message switching
and datagram Switching networks. Patagram size is 75kb
the following is known
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- The distance between the two hosts is 2000km
- there are 3 routes (nodes ) at the same distance in between the
hasts
Propagator Speed: 200 000 KMS
- Transmitian bandwith is 1 Abps
· Node processing delay is 100 ms
Negle ct processing delays in hosts
Comment on the obtained results
- R) 1) Circuit Switching
tenemos que recordor que:
Total delay = dproc + dprop+ dtrons
· Processing delay: dpioc
* Propagation delay: d prop
· Transmission delay dtrans

Troosmission delay = P donde p = packet length	
dande r= tronsmition rate	
-en este (050 = p= 10Mb	
r= 1 Mb5	
Transmitter delay = 1000 = 100	
200	
ropagation delay = 1 donde I = length of the physical 1.	ink
donde (= propagation speed in me	
Proposation delay = 2000 = 0.015	
200 000	
Processing delay: Number of links: from nition delay	
- F	
- En este caso tenemas 4 links:	
(El Host - Provided - Routers - Provided - Reviewe)	
Processing delay = 4. 2000 = 0.01s	
Д 200 000	
Total delay = 10s + 0.01 > + 0.01 > = 10.02 s	
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	edergijnje no-



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	bond with	1000	Carlos Ca	
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opogation delay	2000	inter ation		
	200 000	1.10		
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		6,01	90,001	porque se escio
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3	· 100 ms = 300 ·	ms = 0.3g	and the second	
ro	1145			
qui tenemos que	consideres pi	pelined y lo	ejewi	dh
paralcio	•	•		
		The control of the co		
total delay=	transmition de	lay + proposal	ion delay	+ processing d
#	(N-1) · tians	milde blos	l	
				•
= 0.07s	+ 0.015+ (1	33.75) = 1	0.362	
<u>an ang ang ang ang ang ang ang ang ang a</u>				Edding Co.

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