	Problem 2										
	~) 840 byte	s = 672	o bits	, 40 b.	ytes =	320 6.75					
	T=d+2P+a+p=d+2P+a where d=datatrane transmission time										
	Throughput = 1/T packets 1/5 P-propagation time										
Efficiency = d/7						a = A(	K transmission ton				
	С	d	a	P		Throughput	Efficiery				
	1 Kbps	6.725	320ms	8 mg	7,05%5	0.142 pK/s	95%				
	100/26ps	67.2ms	3,2 ms	THE RESERVE OF THE PROPERTY OF THE PERSON OF		11.6 PK/s	11.8 /.				
,	10 Mbps	.672ms	CAN THE REAL PROPERTY OF THE PARTY OF THE PA	+	16.705	59.9PK/5	4.0%				
	lcbps	6.72p	s-3ms	gns	llons	165.26 K/3	0.042%				

		,	Throughput	Efficiency .
	Window size		625 pk/s	
16600	100	lle bos	6.25 KpK/s	
1 Cher	1,000	Johns .	62.5 KPK/S	42%
1 Gbg 10,000		11600	148.8 KHYS	100/.

## Problem 5

- at time = 0, then the receiver ACKS 1,2,3 at f=1. When it reaches f=4, the sender receives the ACKs the receiver at t=1 and its window advances to 4,5,6. At f=5, the sender receiver ACKs 1,2,3 sent by receiver at f=2 and are out of ACK window.
- b) True, isn't this the same vension as part a?
- c) true, I / window size of 1, Sh prevents out-of-order padets
  d) True, cumulative ACK is a regular ACK, since only one packet
  can be referred into in a window of size=1.

Problem 8

a) to increase Congwin to 6 MSS = 1 RTT. 7MSS = 2 RTT

50 12MSS = 7 RTTS

b) 5 Mss was sent in 1 RTT, 6 Mss in 2RTT, 7Mss in 3RTT

so by 6 RTT = 5+6+7+8+9+10 MSS = 45 MSS

50 avg 134 45 MSS / 6 RTT = 7.5 MSS/RTT.

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and plan man, But A. William . By A. Maria