CS521-HW1
lin liu

5
a:time=150/100*60+10/5*3=96min
b:time=150/100*60+8/5*3=94.8min

6:
a:m/s
b:L/R
c:m/s+L/R
d:The bit begin to leave the host A
e:The bit is in the link from A to B,but not reached to the b
f:The bit has reached the b
g:m/s=L/R m=120/56k*2.5*10^8=5.35*10^4

11:
$d_{end\text{-}to\text{-}end}$=L/R+d1/s1+d2/s2+d3/s3=6+20+16+4=46ms

12:
$d_{queue\text{-}delay}$=1500*4.5*8/2M=27msec

$d_{queue\text{-}delay}$=L/R*n+(L-x)/R

24:
$d_{tranmit\text{-}time}$=40*8*10^12/(100*10^6)=3200000seconds=37days
so I will use the FedEx overnight delivery.It is fast and cheap.