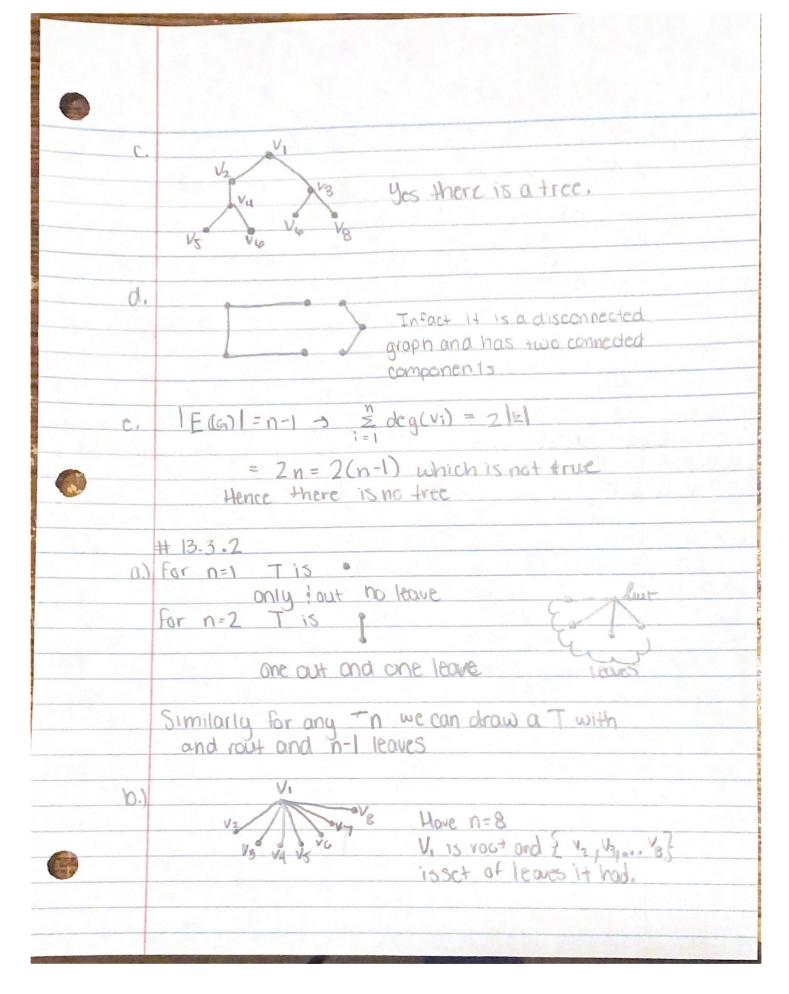


(a)	# 13.2.2 $d = 1110$ $Q = 0$ $Q = 1111$ $Q = 0$
p.)	C = 1100 $Q = 0$ $M = 1101$ $M = 1110$ $M = 1110$ $M = 1110$ $M = 1111$
(C)	1110,10,10,101, 1110 is d 10 is e 1101 is n the word is den
d.	



#13.3.3 a) No, the converse is not true. Counter - example -Va) and 2 edges as below-It is not tree since vertex vs is not connected to any other vertex a) n(n-1)/2-v(n-v) n2-n-2kn+2k2 1 n2-3n+2 -(n-2)2/4=n-n2/4-1>0 which is not possible