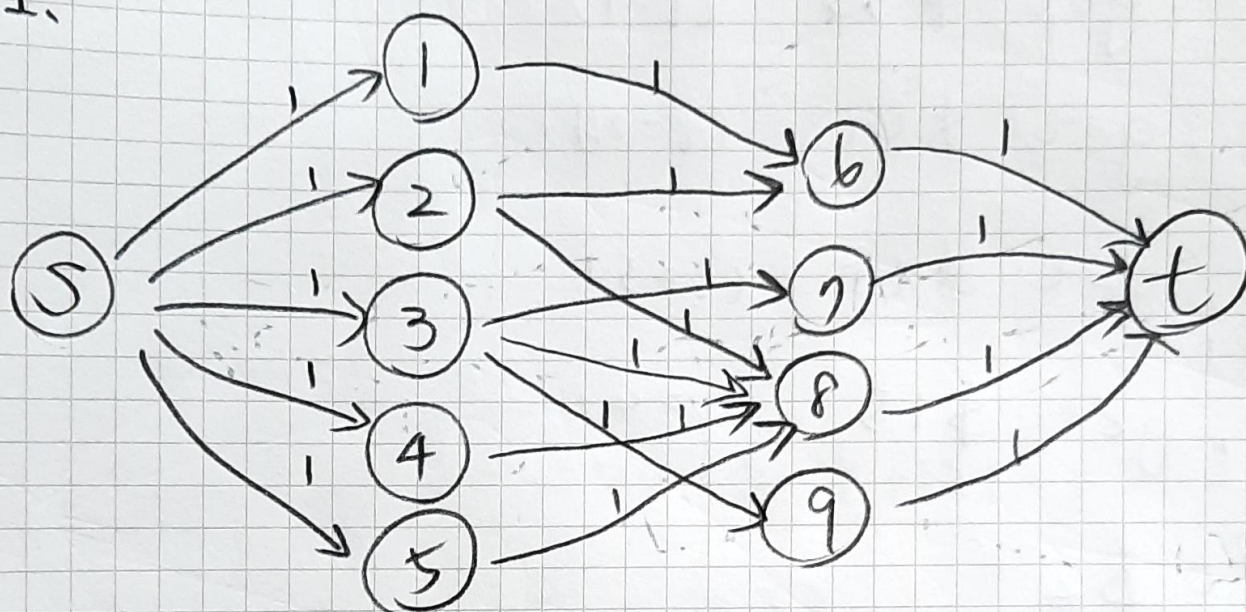
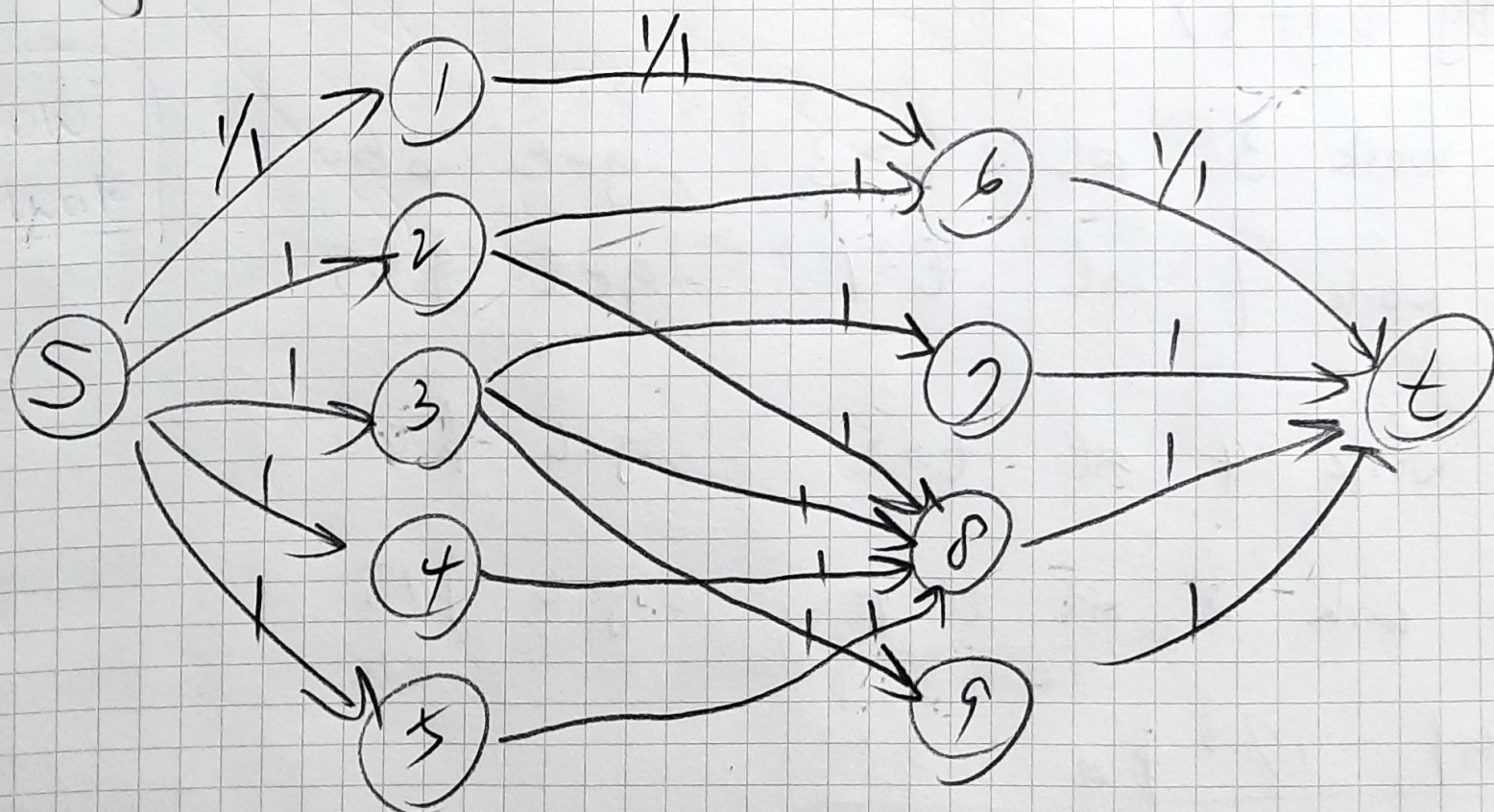


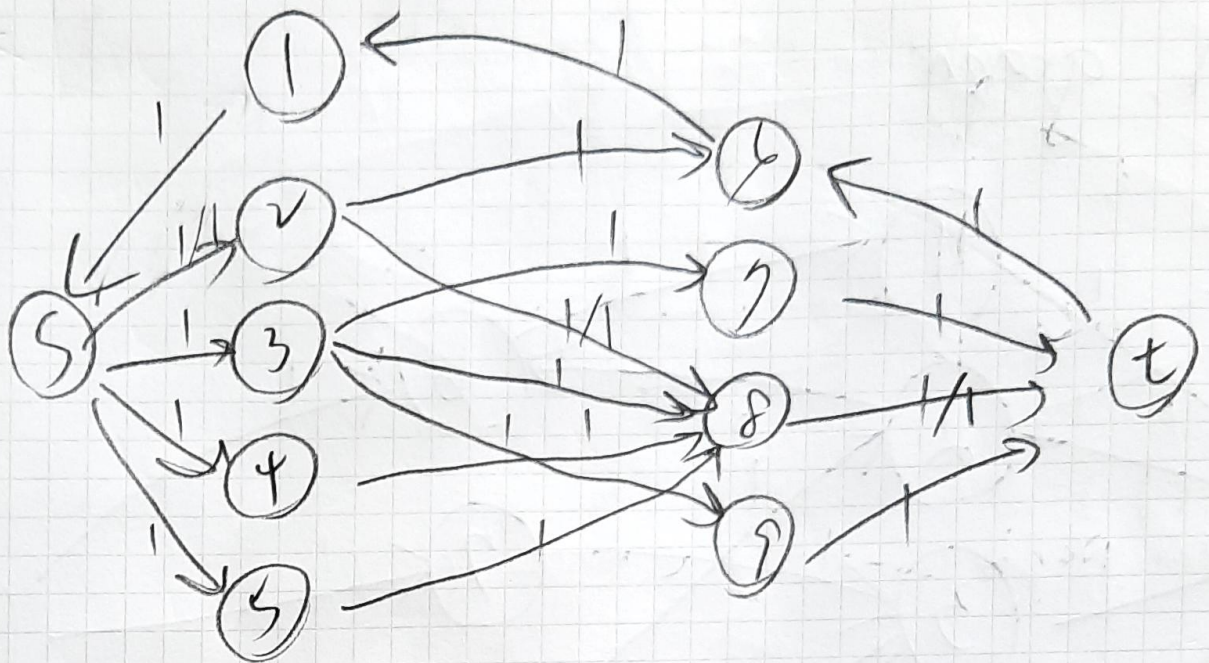
Algo H.W. Ch 7

Q1.

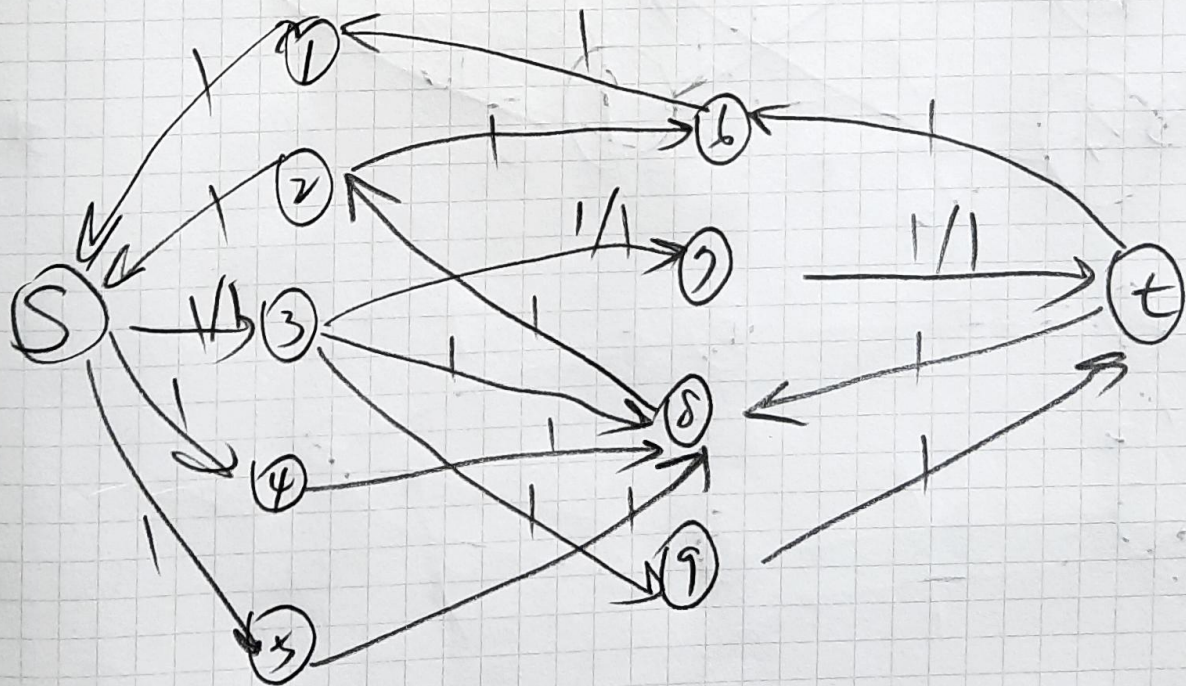


* augmented path : $S \rightarrow 1 \rightarrow 6 \rightarrow t$



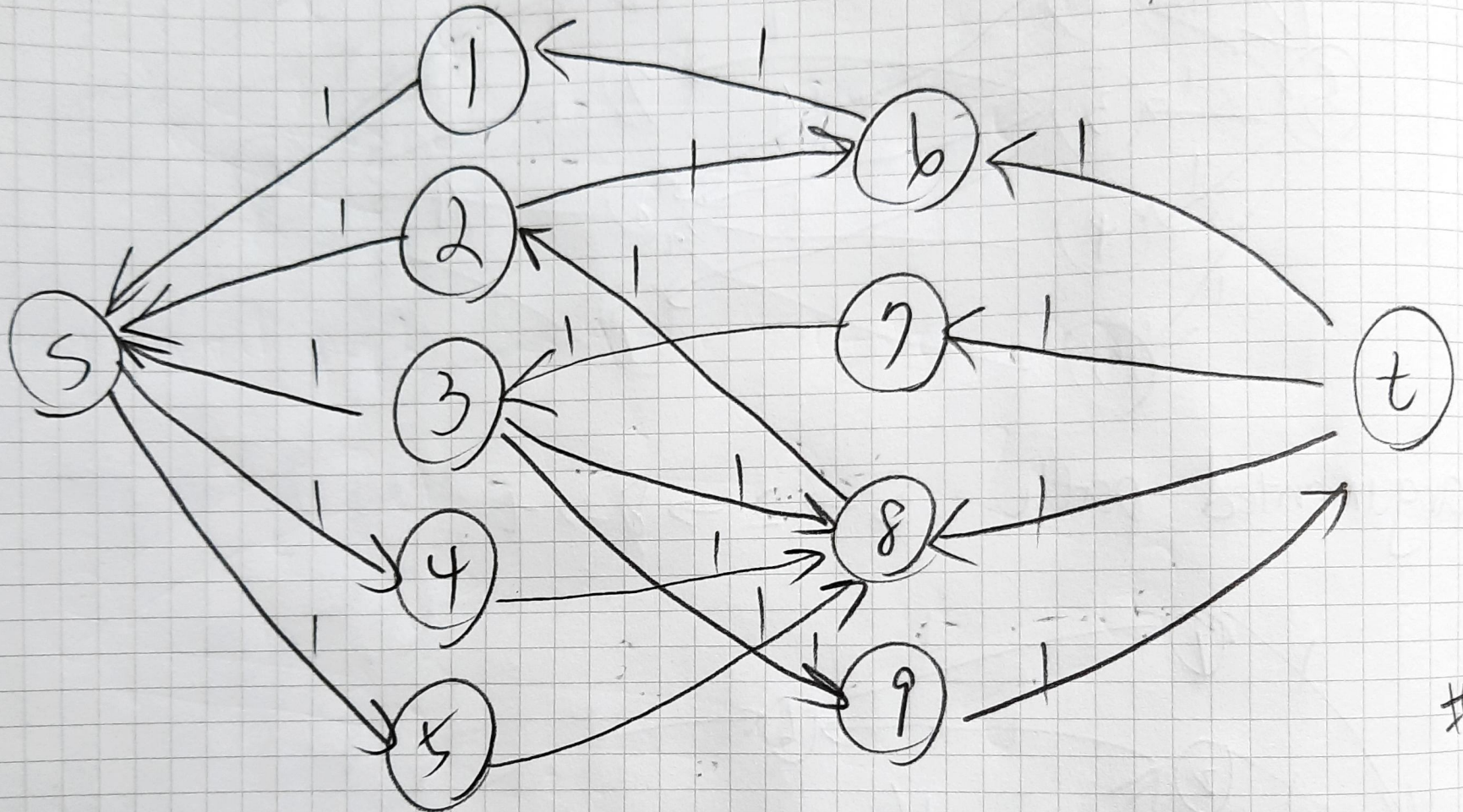


* augmented path : $S \rightarrow 2 \rightarrow 8 \rightarrow t$



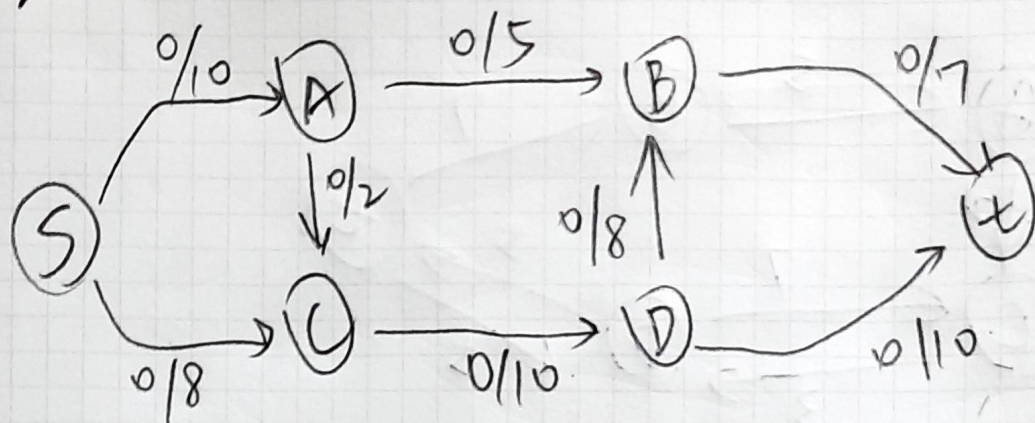
* augmented path : $S \rightarrow 3 \rightarrow 7 \rightarrow t$

Final graph:

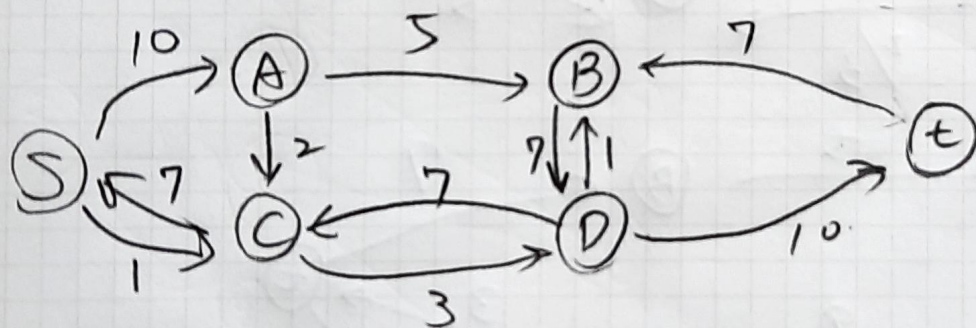
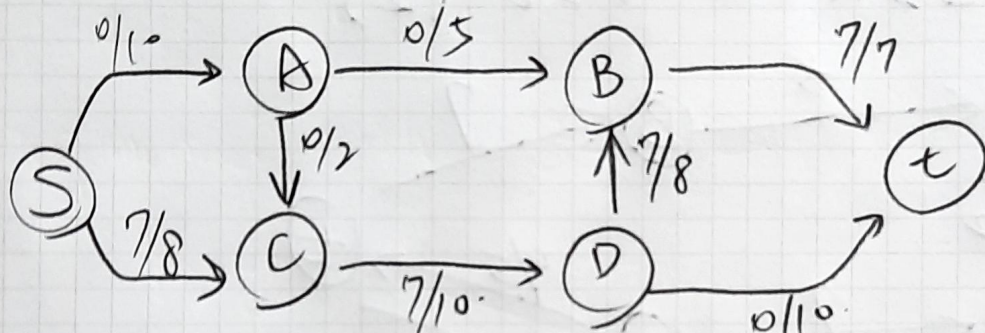


#

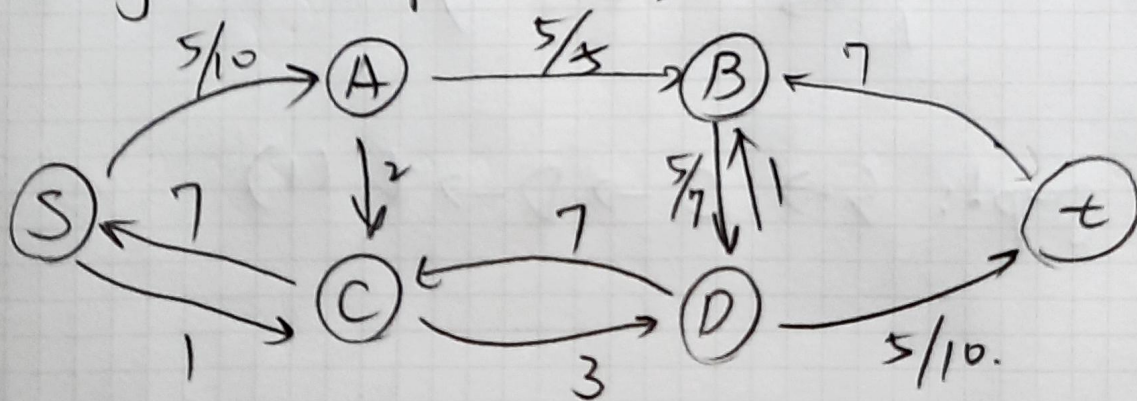
Q2.

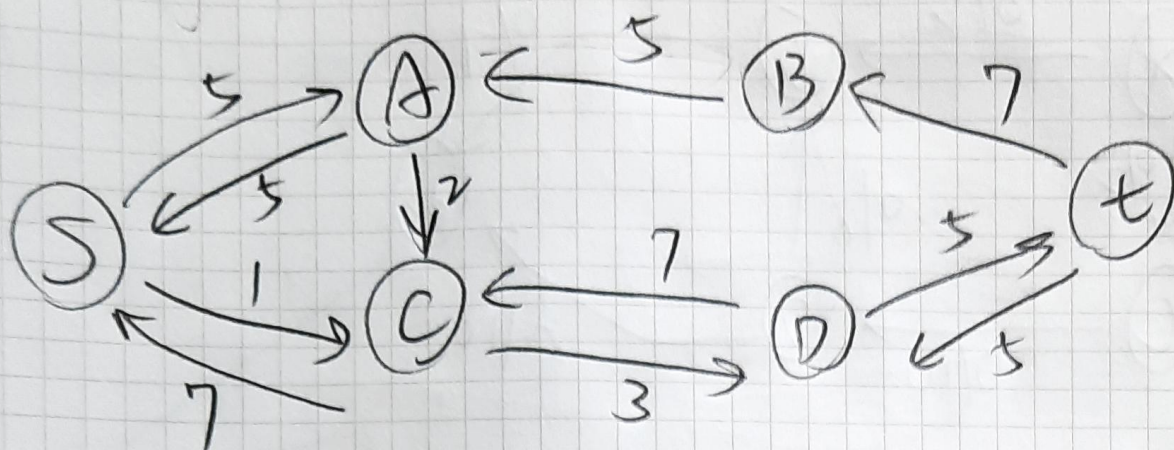


* augmented path: $S \rightarrow C \rightarrow D \rightarrow B \rightarrow t$ (7)

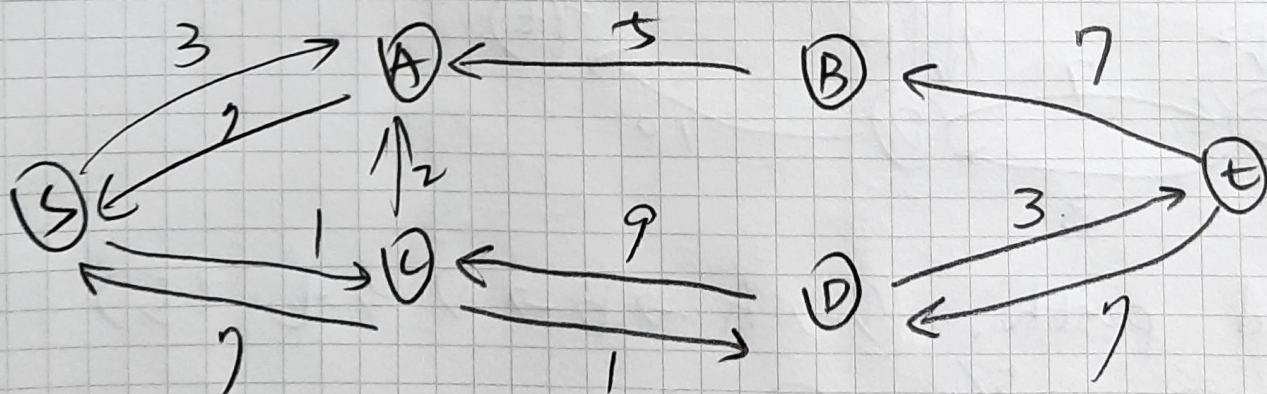
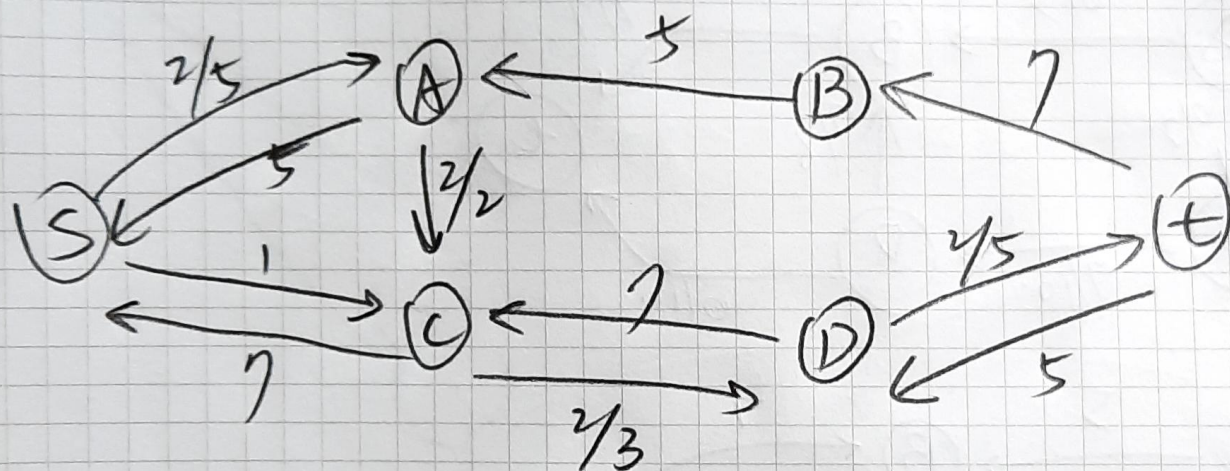


* augmented path: $S \rightarrow A \rightarrow B \rightarrow D \rightarrow t$ (5)

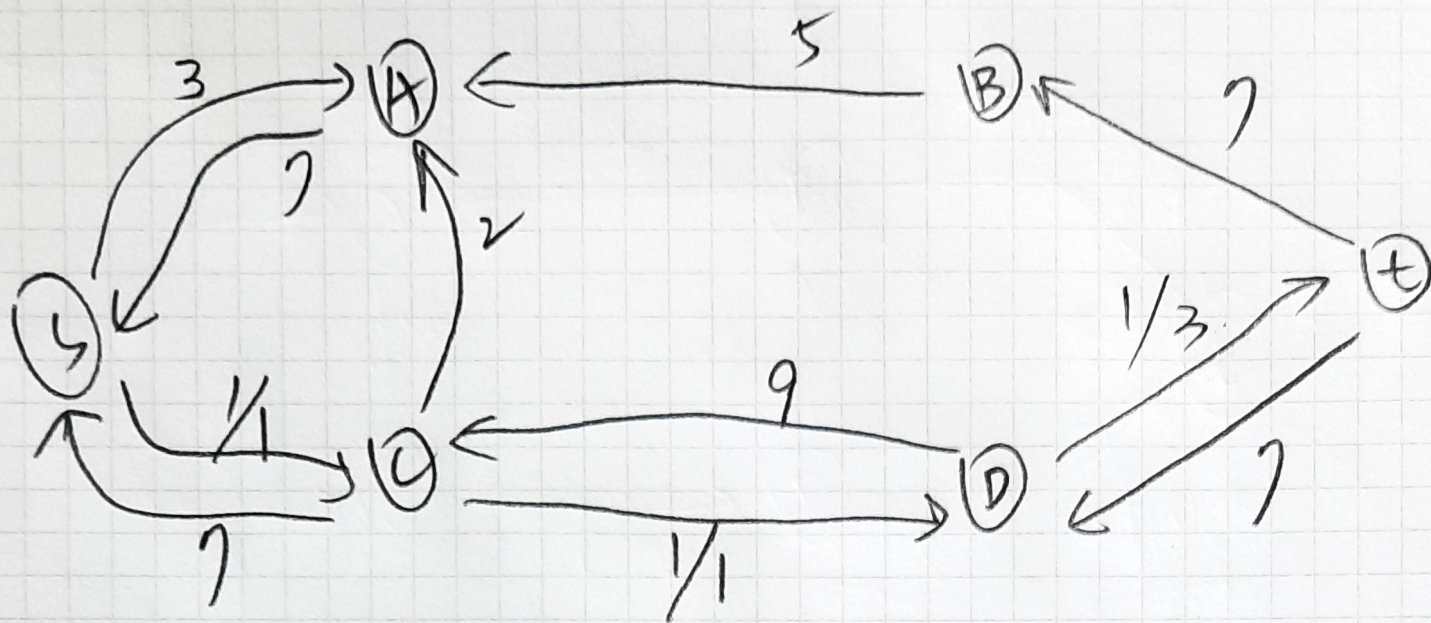




* augmented graph: $S \rightarrow A \rightarrow C \rightarrow D \rightarrow t$ (2)



* augmented graph: $S \rightarrow C \rightarrow D \rightarrow t$ (1)



Final graph

