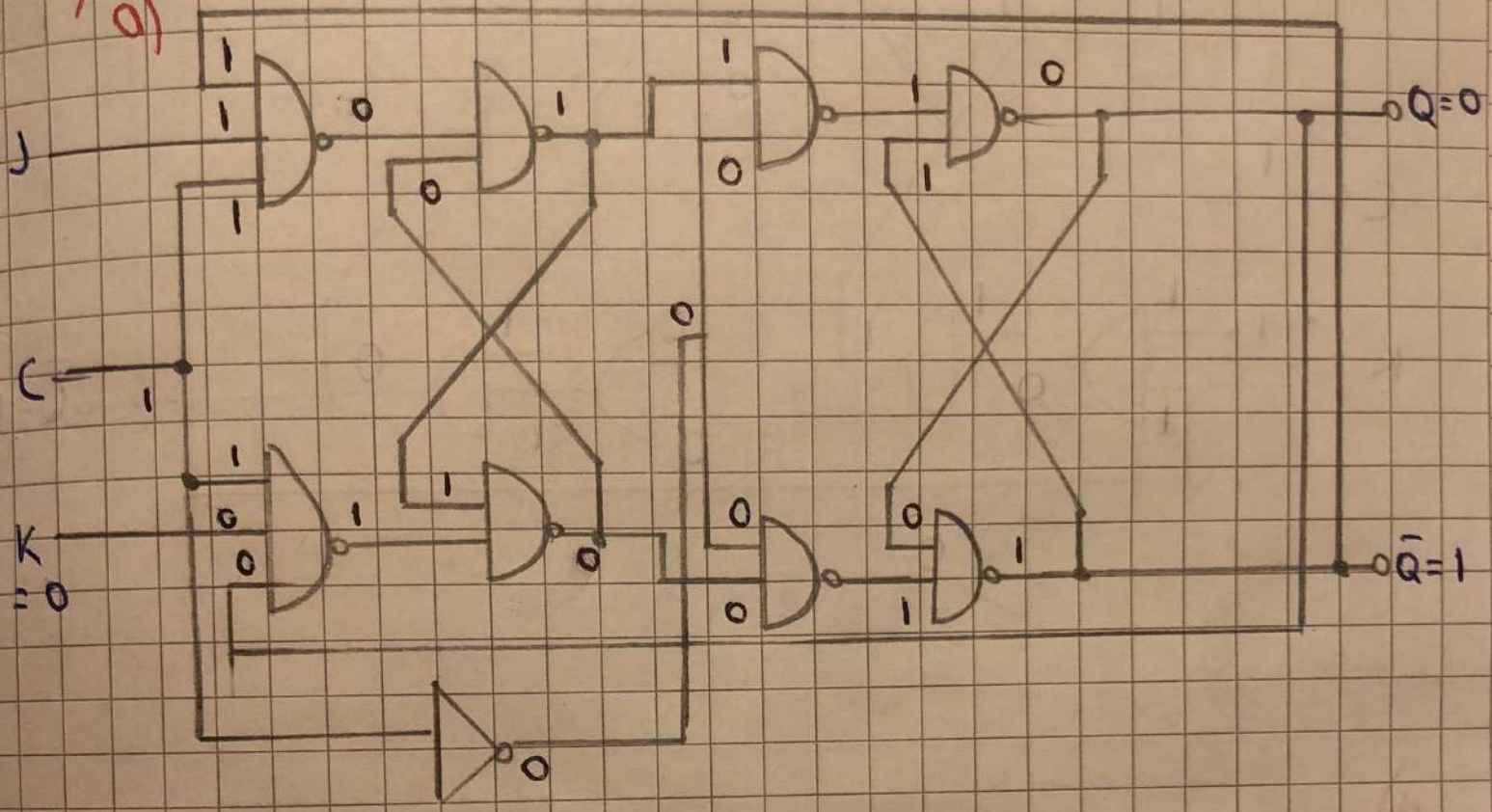
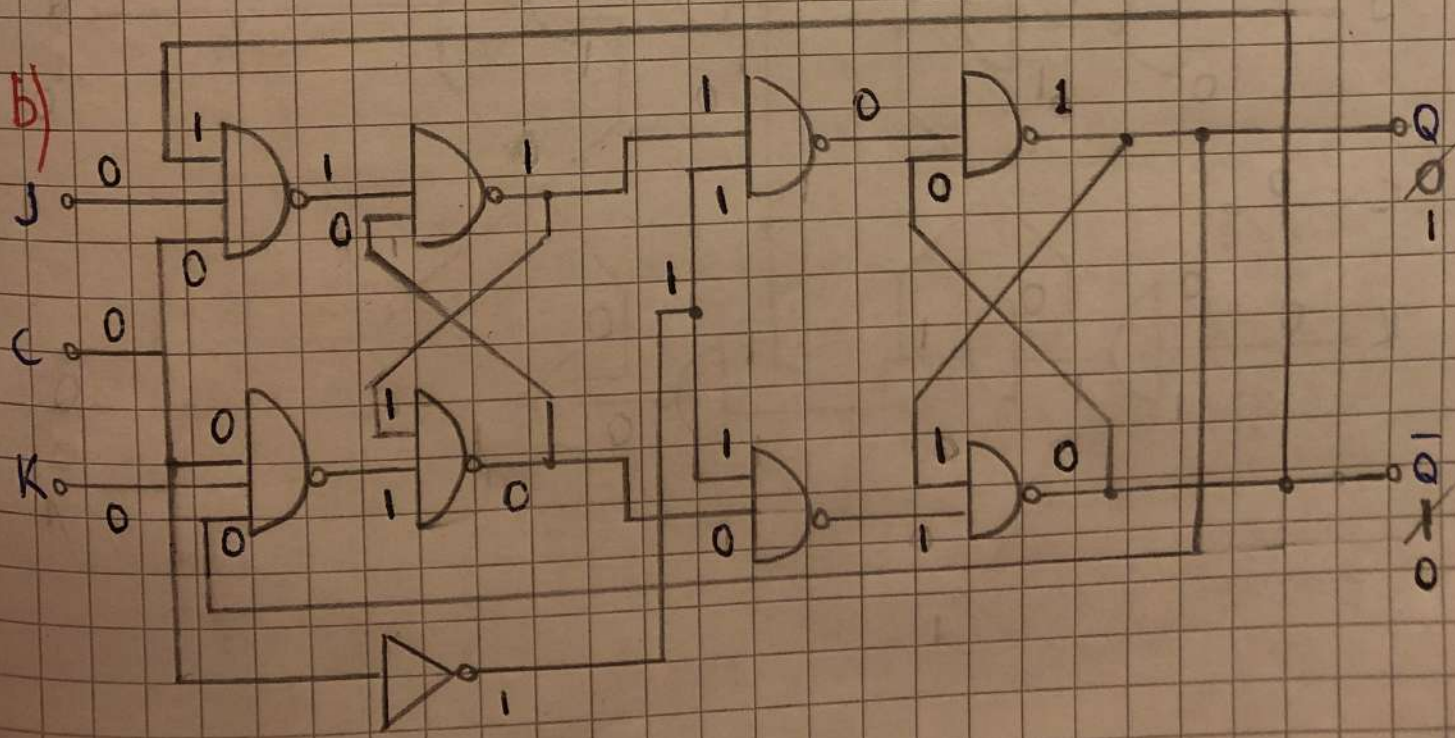
SHEET 9

1)

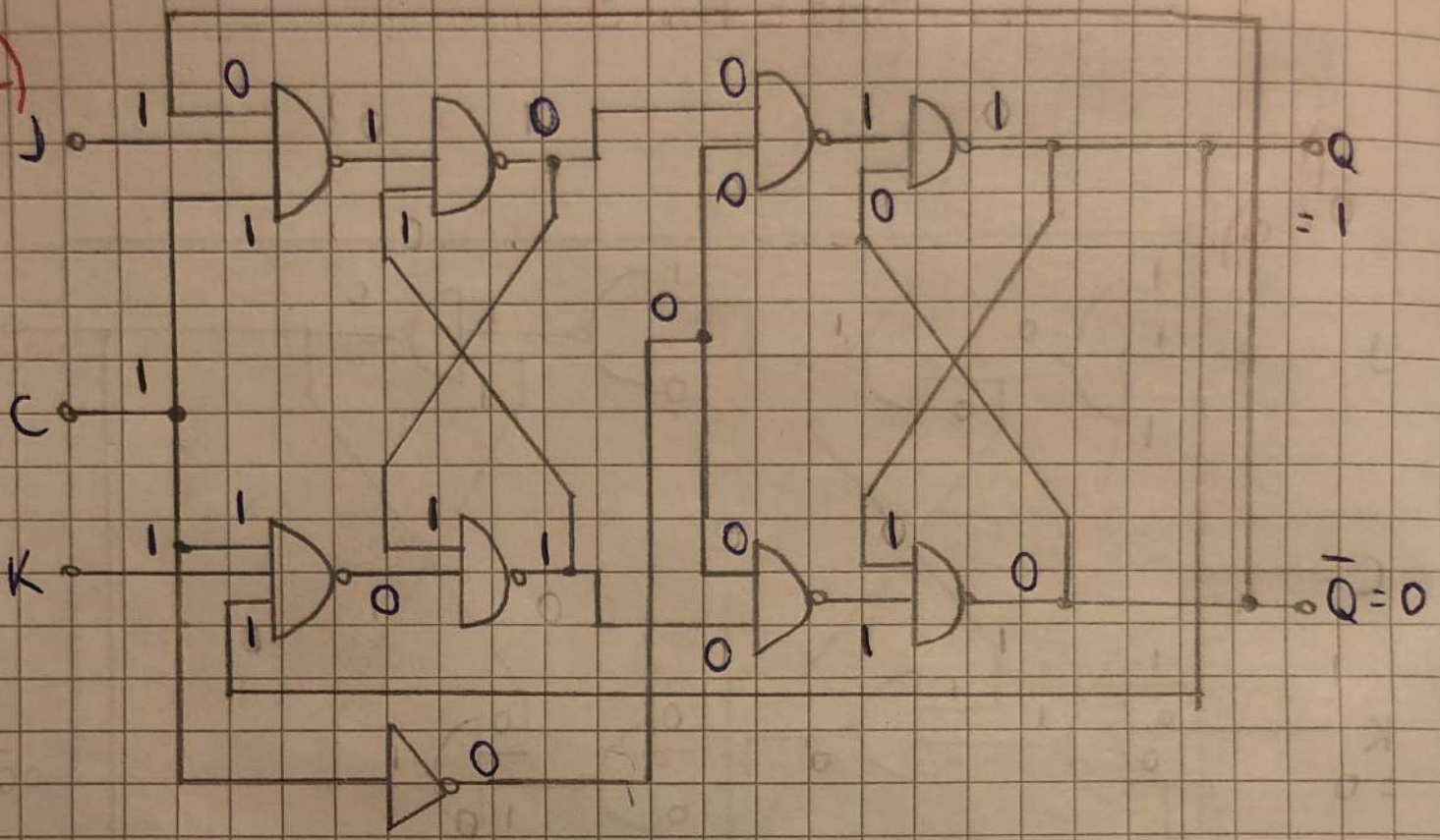
a)



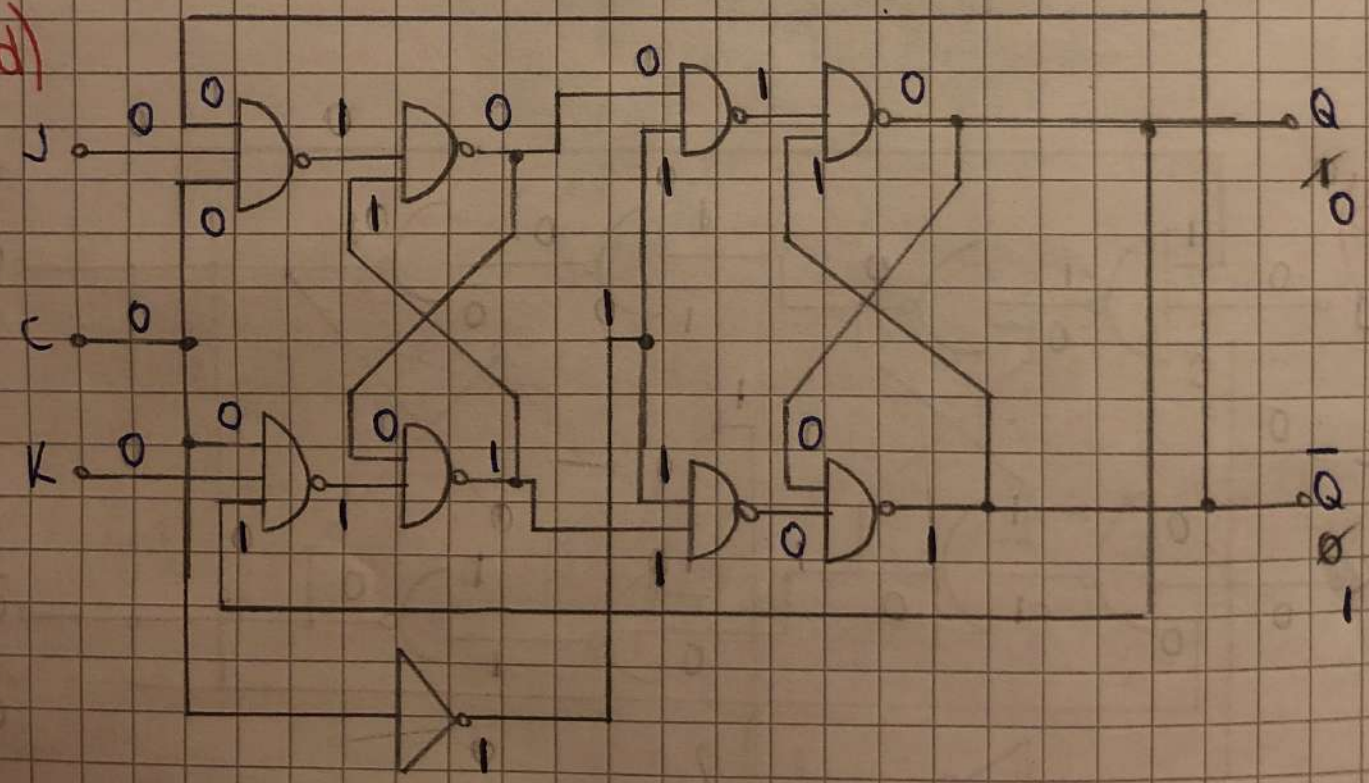
b)



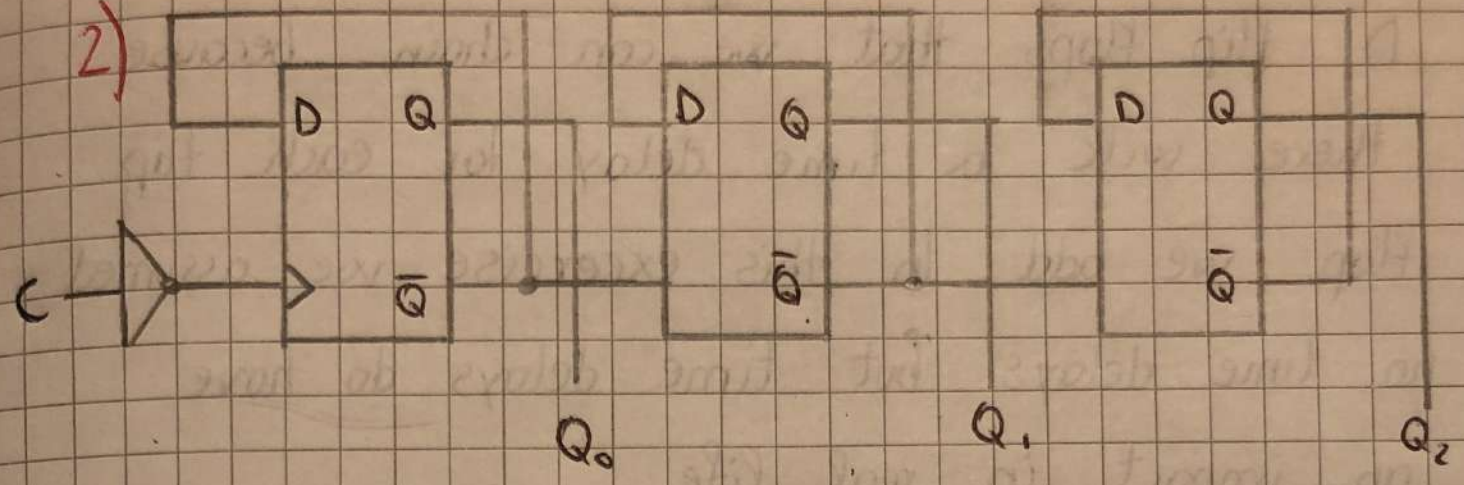
c)



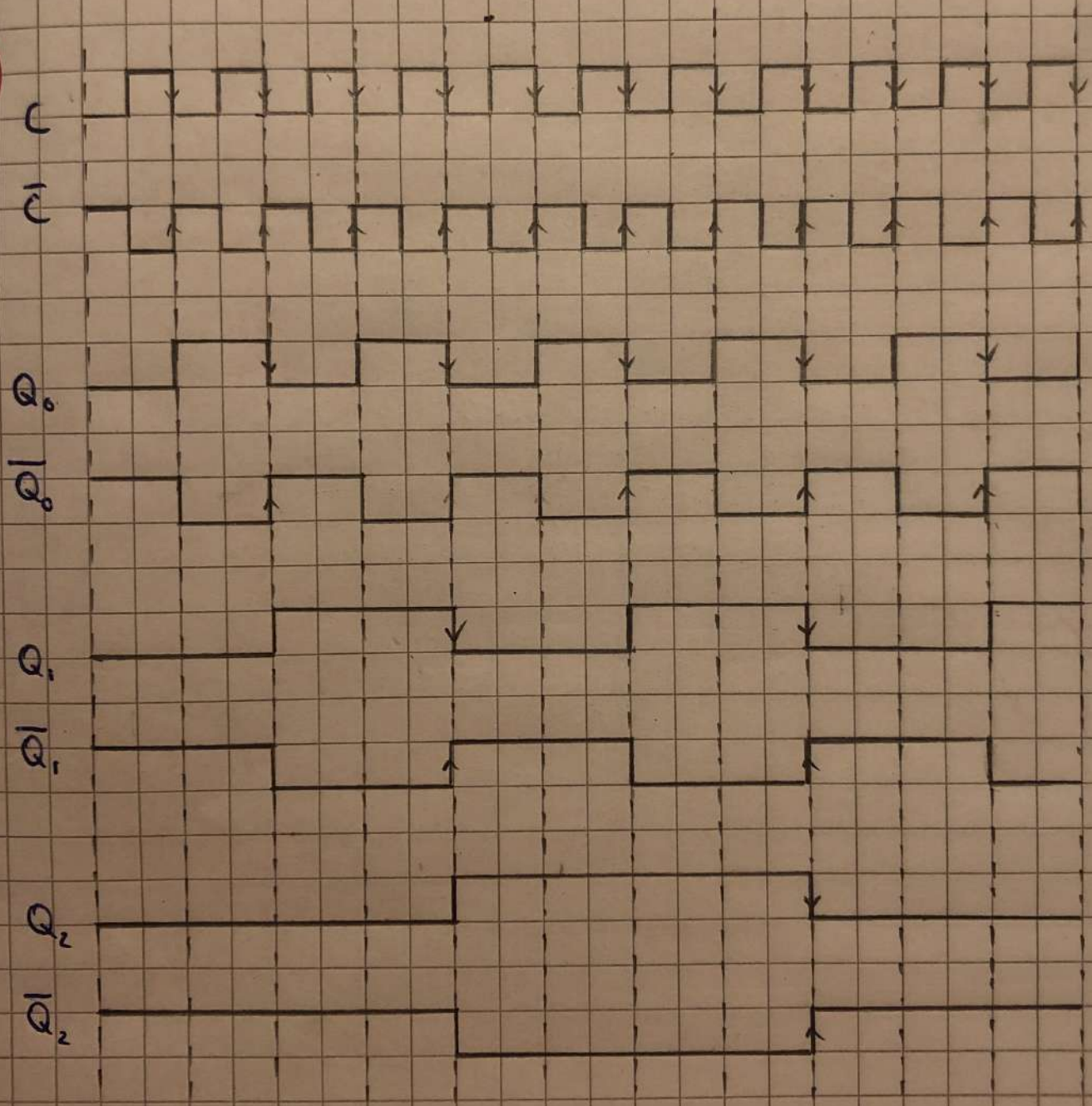
d)



2)



a)



b) No, you can't make ripple counters arbitrary long. There is a limit on the number of

D flip flops that we can chain because there will a time delay for each flip flop we add. In this excercise we assumed no time delays but time delays do have an impact in real life.