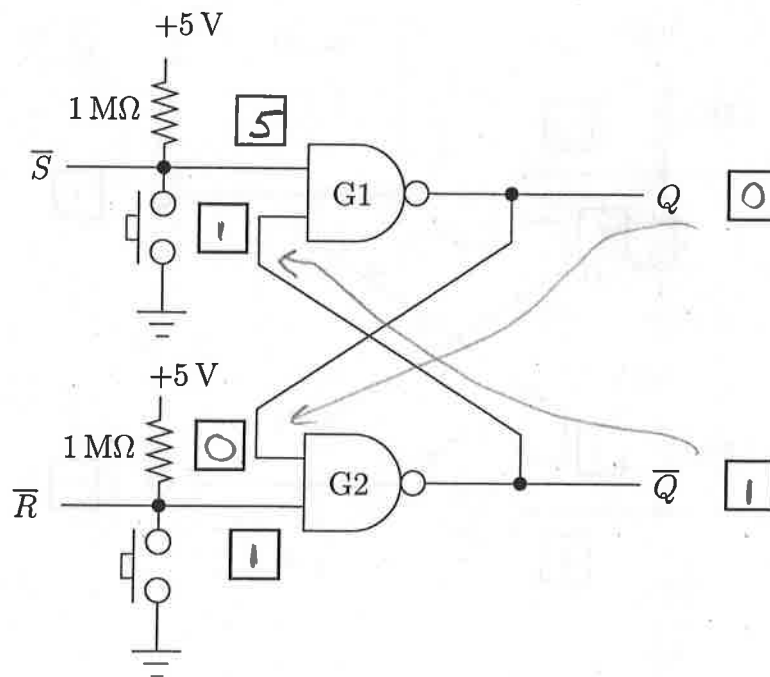
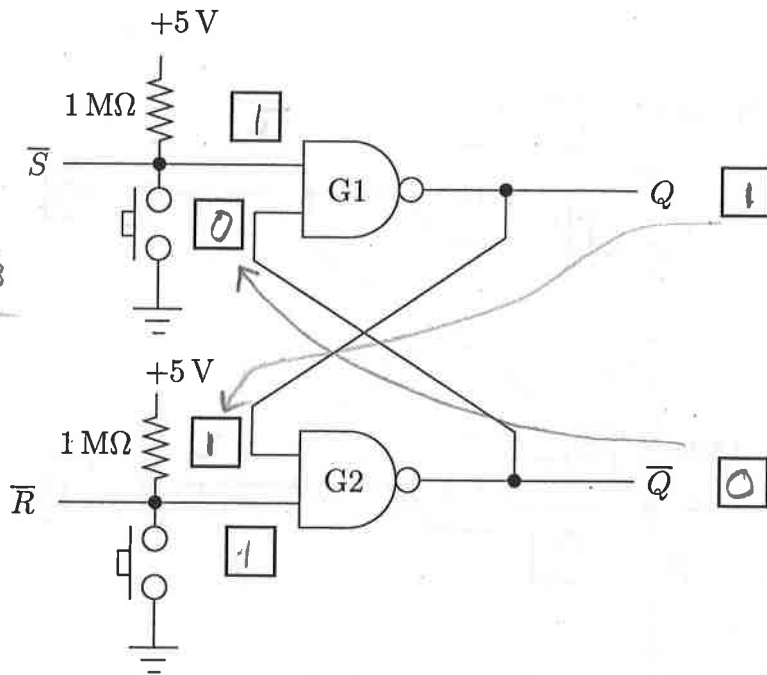


Flip-flop (NAND)

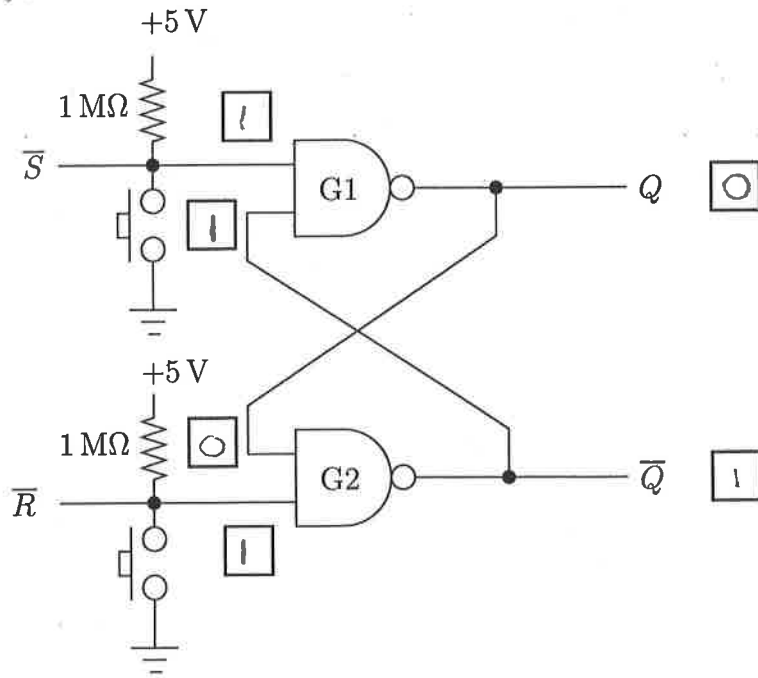
A	B	$A \cdot B$	$\overline{A \cdot B}$
0	0	0	1
0	1	0	1
1	0	0	1
1	1	1	0



Two stable states with same $\overline{S}$, $\overline{R}$

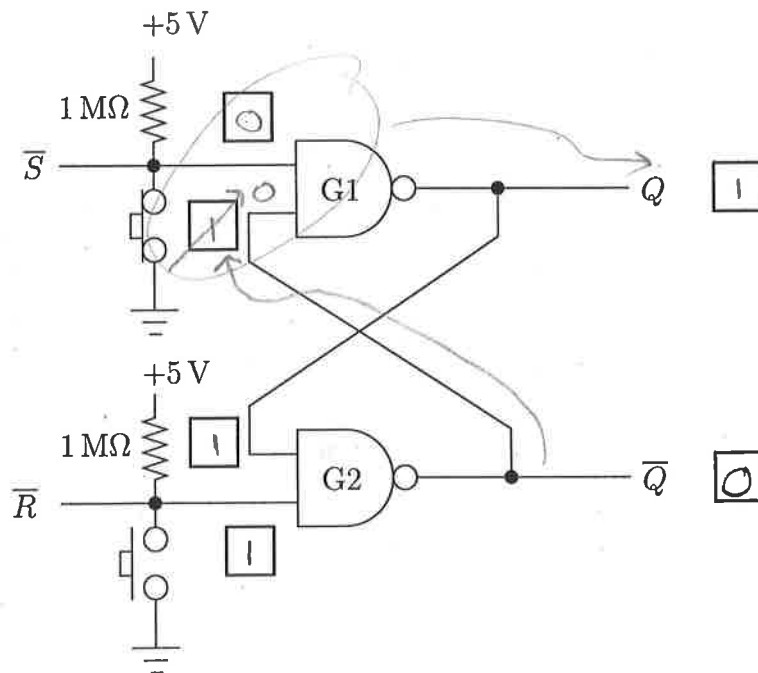
Redrawing (B)
for convenience

(C)



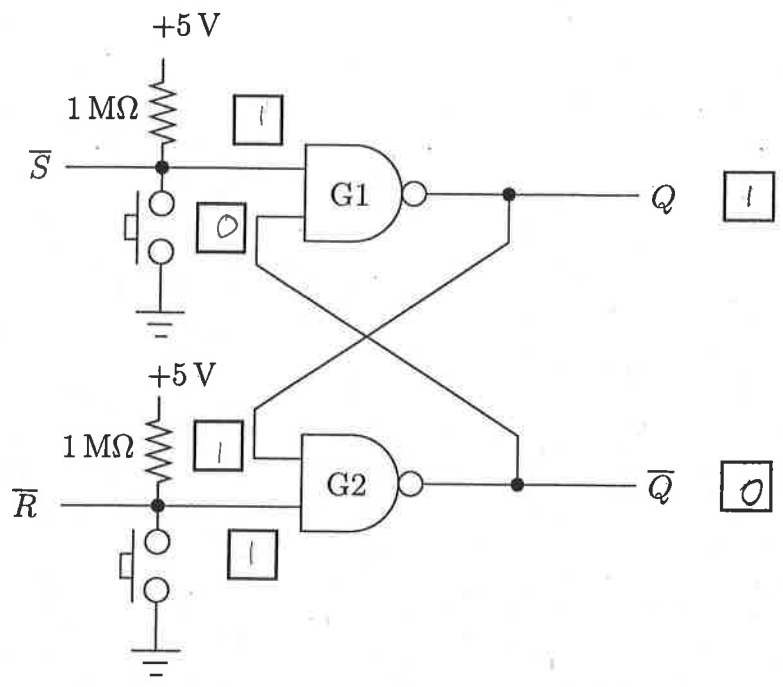
(D)

Depress
top switch



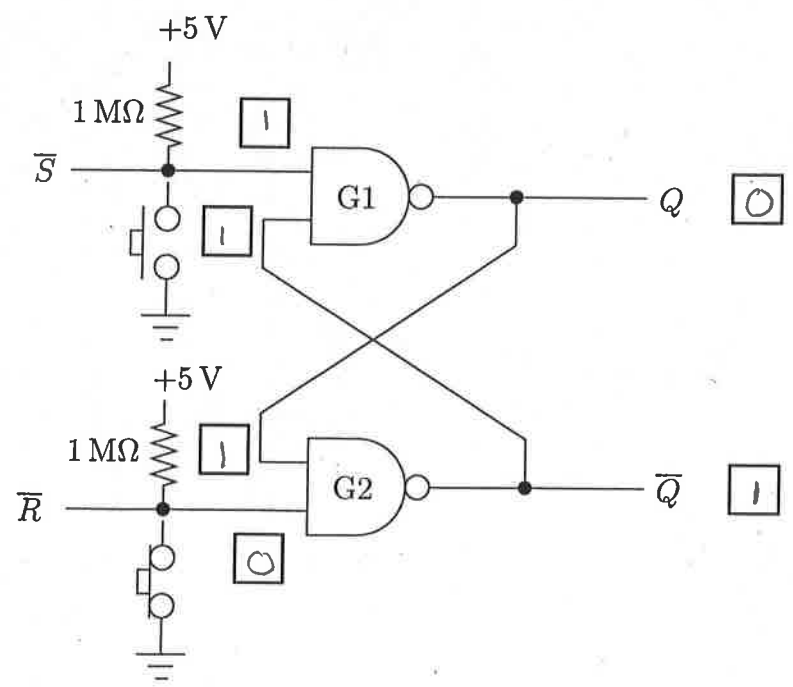
(E)

Release
top switch



No change

Depress
bottom
switch



(F)

Resets Q
to 0

flip_flop.tex