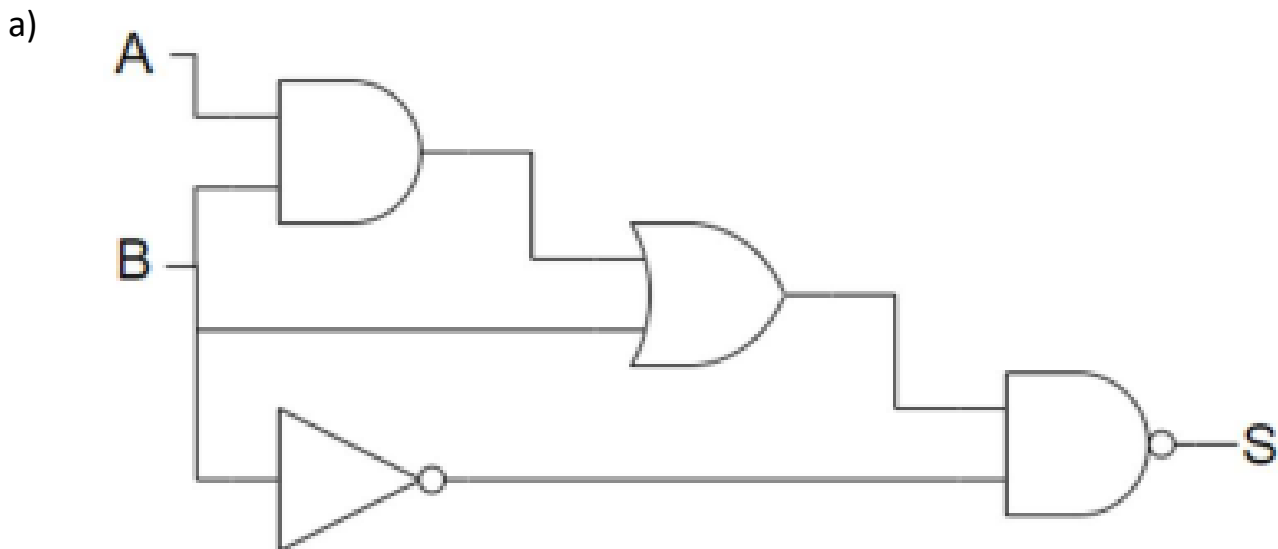


Activitat 1: Taules de veritat

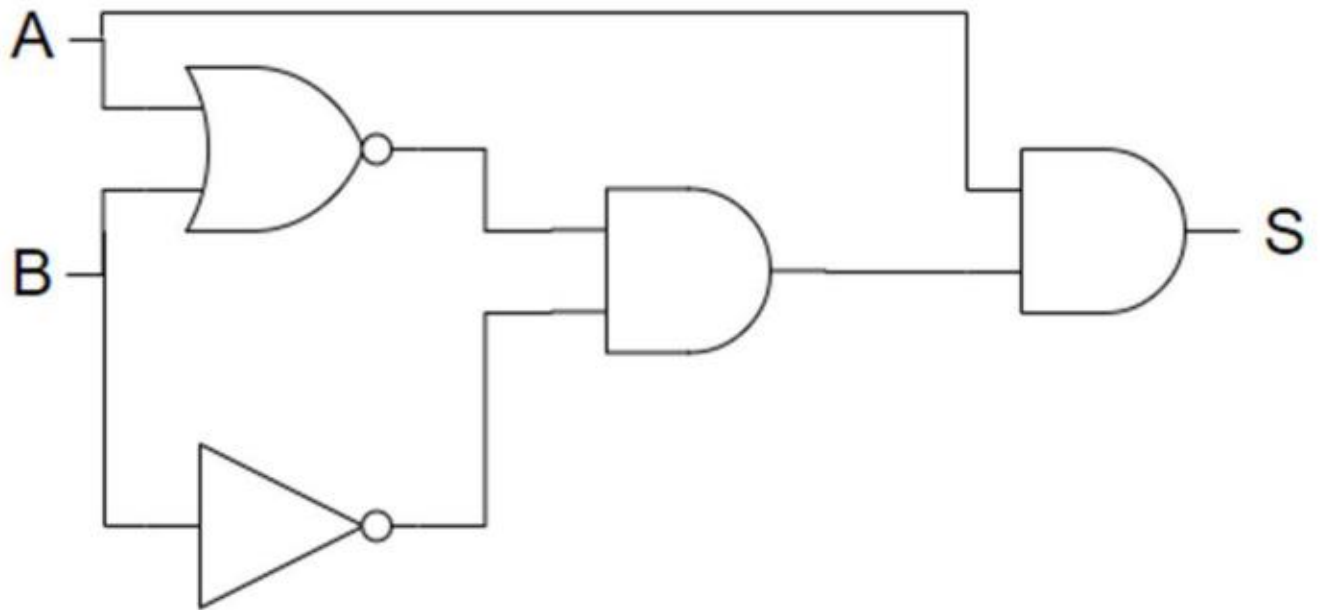
1. Obté les taules de veritat i les funcions dels següents circuits:



Taula de veritat

A	B	A'	B'	S1 $A \cdot B$	S2 $S1 + B$	S3 $(S2 \cdot B')'$
0	0	1	1	0	0	1
0	1	1	0	0	1	1
1	0	0	1	0	0	1
1	1	0	0	1	1	1

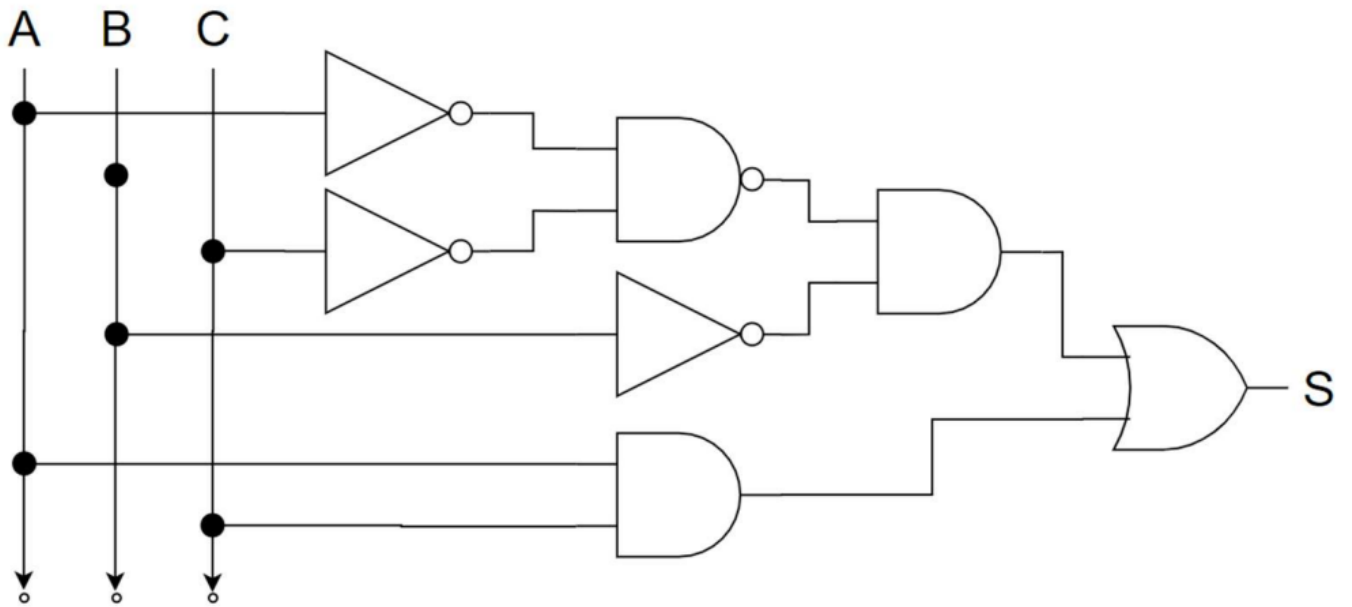
b)



Taula de veritat

A	B	A'	B'	S1 (A + B)'	S2 S1 · B'	S3 S2 · A
0	0	1	1	1	1	0
0	1	1	0	0	0	0
1	0	0	1	0	0	0
1	1	0	0	0	0	0

c)



Taula de veritat

A	B	C	A'	B'	C'	S1 (A' · C')	S2 S1 · B'	S3 A · C	S4 S2 + S3
0	0	0	1	1	1	0	0	0	0
0	0	1	1	1	0	1	1	0	1
0	1	0	1	0	1	0	0	0	0
0	1	1	1	0	0	1	0	0	0
1	0	0	0	1	1	1	1	0	1
1	0	1	0	1	0	1	1	1	1
1	1	0	0	0	1	1	0	0	0
1	1	1	0	0	0	1	0	1	1