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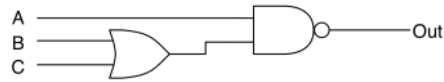
(a)

ABC	Out
000	1
001	1
010	1
011	1
100	1
101	0
110	0
111	0

Karnaugh:

Out	00	01	11	10
A	1	1	1	1
1	1	0	0	0

$$\text{Out} = A' \vee B'C' = (A(B \vee C))'$$



(b)

ABC	Out
000	1
001	0
010	1
011	0
100	1
101	0
110	0
111	0

Karnaugh:

Out	00	01	11	10
A	1	0	0	1
1	1	0	0	0

$$\text{Out} = C'(A' \vee B') = (C \vee AB)'$$

