

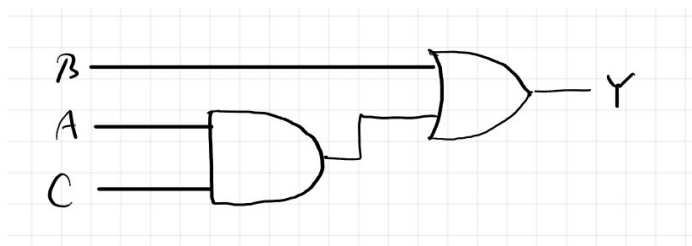
4. 마.

A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

C \ AB	00	01	11	10
0	0	1	1	1
1	0	1	1	1

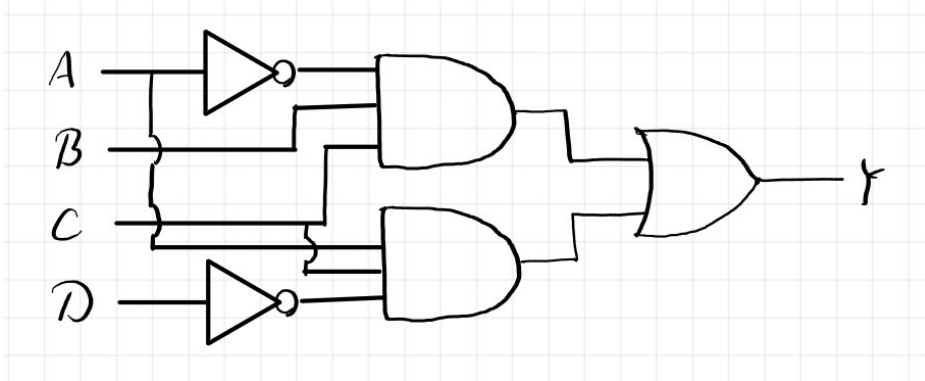
C \ AB	00	01	11	10
0	0	1	1	1
1	0	1	1	1

$$Y = AB + ABC + A'B + AB'C = B + AC$$



4. 바.

$$Y = (A'B)(CD+BC) + ACD' = A'BCD + A'BC + ACD' = A'BC(D+1) + ACD' = A'BC + ACD'$$



4. 사.

$$Y = (A'B)(CD+BC) + ACD' = (A'B)(CD+BC) + ACD' = A'BCD + A'BC + ACD' = A'BC(D+1) + ACD' = A'BC + ACD' = C(A'B + AD')$$

