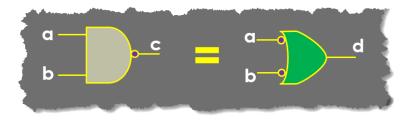
Combinational Circuit-Logic Gates: Quiz Solution

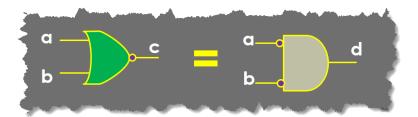
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If we have a look at the truth-table of the two gates in the first rule we will notice that the outputs c and d are identical, which means the gates are equivalent.



а	b	С	d
0	0	1	1
0	1	1	1
1	0	1	1
1	1	0	0

We have the same situation for the second rule.



а	b	С	d
0	0	1	1
0	1	0	0
1	0	0	0
1	1	0	0