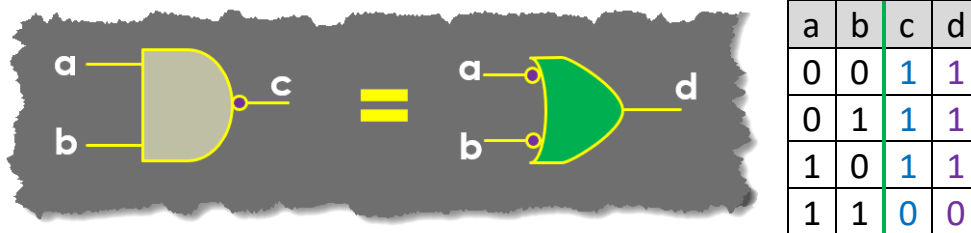


If we have a look at the truth-table of the two gates in the first rule we will notice that the outputs  $c$  and  $d$  are identical, which means the gates are equivalent.



We have the same situation for the second rule.

