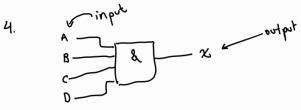
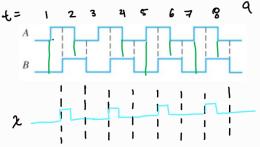


3-2



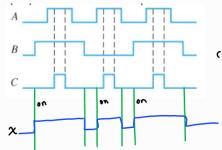
6.



A D x

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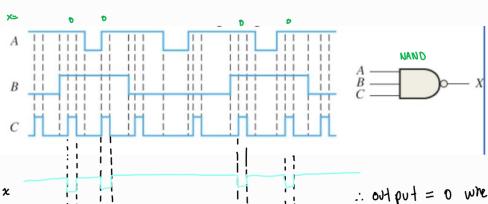
3.3 12. Repeat #7 for a 3 input or





: At least) one input most toc on

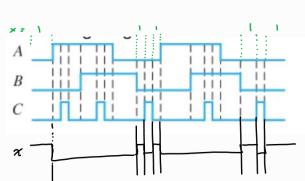
^{3,4} 18.



: output = o when all inputs

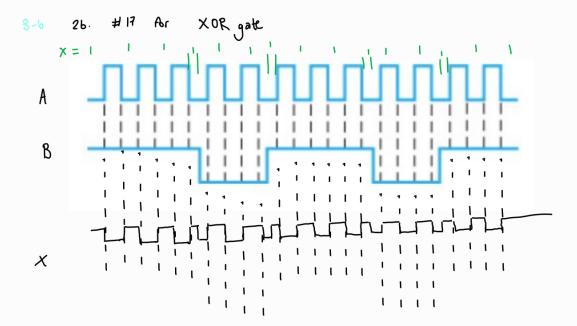
are on

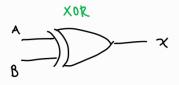
22 .



 $\begin{array}{c}
A \\
B \\
C
\end{array}$

: inputs A,B,C must = 0for x=1





... When A or B is exclusively on x = 1

36. Gate
$$A = t_{PLH} = t_{PLH} = 6ns$$

Gate $B = t_{PLH} = t_{PLH} = 10ns$