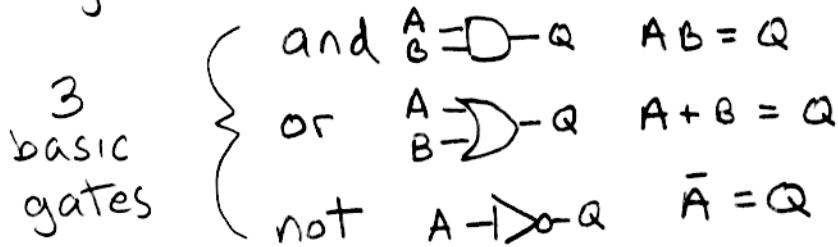
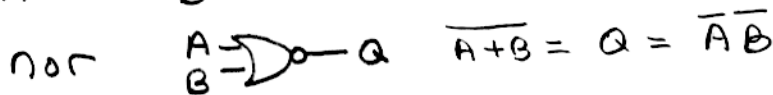
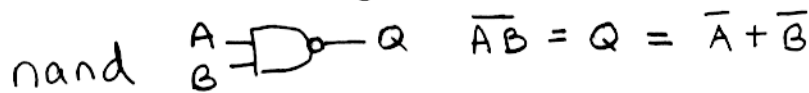


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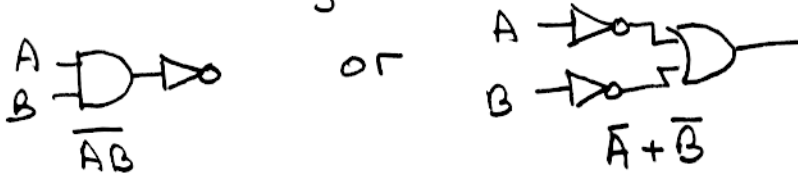
① You have seen some simple examples of how logical systems can be built from three basic gates:



and how these relationships can be expressed in terms of Boolean algebra, for example



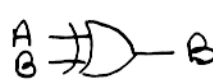
thus, for example, nand can be built from the 3 basic gates as



Given that exclusive or is

A	B	Q
0	0	0
0	1	1
1	0	1
1	1	0

$A \oplus B$



design a circuit using the 3 basic gates, and write a Boolean algebra expression for exclusive or.

