1) The computer performs Boolean algebra as it does its calculations, so it is beneficial to understand it while making the computer do things.

2) A Boolean product is the result of the AND operation on two Boolean variables.

3) A Boolean sum is the result of the OR operation on two Boolean variables.

9) AND, OR, NOT, XOR

10) NAND, NOR

14) Read the problem carefully to determine the input and output values; Establish a truth table that shows the output for all possible inputs; Convert the truth table into a Boolean expression; Simplify the Boolean expression.