Name + Sawar Singh Deopa Sec + A ROLL HO + 21711154 Cown + MCA 1

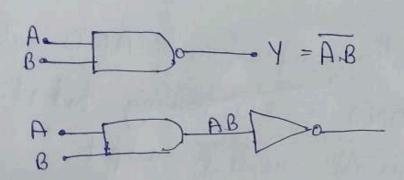
Amb NAND gate is the combination of AND gate and NOT gate is NAND gate is nothing but it is AND gate with an invested output.

The Logical statement of NAND is 'thinput A is tome and B is tome then the output It false otherwise tom.

, Boolean equation of NAND gate 18 Y= A.B

Input	Out put
FA	B Y = A.B
	0 1
	1 1 1 1
0	6
	Mak with
	Industrial Area, Measure

Diagram



The Logic of Boolean expression given for a logic NAND gate 18 that for Logical addition which is the opposite to the AND gate and which it performs on the complements of inputs. The Boolean. expression for a logic NAND gate 18 denoted by a single dot of full 86p symbol (.) with a line of Overline, (--) over the expression to signify the Not or logical negation of the NAND gate with, giving us the expression of A.B = Q