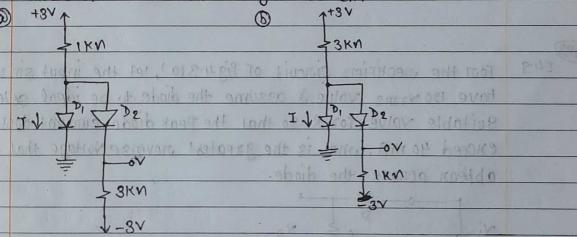


	A	8	×	Y	in Fig @ x is connected to the output of	
	0	0	0	0	AND gate with input A & B.	
	0	1	0	1	logic Function of x = A·B (AND gate)	
	1	0	0	11	in fig & is connected to othe output of	
	1	1	1	0	or gate with input AdB	
logical Function of y- A+B (or gate)						
	So lower the above table use can south at X&y have some val					

So, from the above table we can say that x &y have same values For A = B & and they have opposite values For A ≠ B

P4.7 Assuming that the diode in the circuit P4.7 are ideal, Find the Values of the labeled voltage & current.



301 @ if we assume both diode are conducting then $V_0 = 0V$ $ID_2 = 0 - (-3) = I MA \quad ID_1 = 3 - 0 = 3 mA$

es

A node equation at the common anode node yields a negative current in Di, it means our assumption is wrong and Di must be OFT, and Dais on.

