Lecture 5 - CS Manufay, June 22, 2009 20 303 AA Announce ment	\$ => A+6	Ex. Find the value of X for all possible values	Ex. Simplify	Ex. Check
	A-m-6 1	of the variables when	(A+B).C+B = AC+BC+B	AG+
HW1: Due on Thursday.	A D (Negative - AND)	X = (A+6)·C +B	= AC+ BC+8.	
Lecture Notes from last time are already on Class website.	A: B B I not a gate	A B C (A+6)·C + B	= AC +6(C+1)	0001
already on Class mebsite. Scanned Version is posted.	is not a gate		= Ac + 6·1	0 1 1 1 0 6 1 0 1
Review	â-70-D	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	= AC+B Ex. AB+A(B+C) = AB+AB+AC	1 1 0
	(5)			
* Logic Circuit -> Bookan Expression	A(B) is not the same as (A.B) The B complement first Do the AND	Ex Draw the logic circuit refree and ed by X = (A+B)-C+B	(A.M.) = A6+AC	Advantage :
Ex. A A·B	Do the B complement first Do the AND first and them AND with the A them complement the rest.	B X X	= A(6+c)	Disadvatage:
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