CSC 355 A1

Q1.	YOR = AB+ AB Show CA+B) = AB+AB	50
	dual = CA+B)(A+B)	
	-(AB) (A+B) de Morgan	
	HOST = (AB) CAB) involution	
	= AB+ AB de morgan de morgan	
	= AB+AB involution	
	= ABIAB commutativity	
	wars without foll 1101 1100	
	to total a	
Q(2.	a) AB+AB compliment	
	= (A+B)(A+B) shown in q1	
V	b) (vwtx) Ytz Erwstwistwistwistwistwist	
	de Margon	
	= (VW+X)+Y+Z	
	associativity	
	$=(\overline{VW+X+\overline{Y}})+\overline{Z}$	
	=== de Morgan	
	=(VW+X+Y)Z	
	involution involution	
	=(vw+x+Y)Z	δ,
	de Morson	
	= (vwx+, V)2	
	involution	
	$= (\sqrt{y} \times \sqrt{y})Z$	
	= VWXZtYZ	
	- VWXZTYZ	

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QZ.	() WX(YZ+YZ) f WX(Y+Z) (Y+Z) simplify before inverting	0
	=WYYZ+WXYZH(UXY+WXZ)(Y+Z) distribute	0-
	= WXV7 + WXZ 1 = XXV 1 = XXX 1	0
	= WXYZ + WXYZ + WXYY + WXYZ + WXYZ + WXZZ Vistribute	~
	= WXYZ + WXYZ + WXYZ + WXYZ WXYZ Complement	
	mintern form, make Karnangh map	
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	together zeroes	74
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