

1.

I decided to make 3 parts for my tables.

i. $f(x,y)=xy$

A	B	C
x	y	$f(x,y) = xy$
0	0	0
0	1	0
1	0	0
1	1	1

li. $f(x,y) = x+y$

	A	B	C
1	x	y	$f(x,y) = x + y$
2	0	0	0
3	0	1	1
4	1	0	1
5	1	1	1

lii. $f(x'y + yz)$

	A	B	C	D	E	F	G
1	x	y	z	x'	x'y	yz	f(x'y + yz)
2	0	0	0	1	0	0	0
3	0	0	1	1	0	0	0
4	0	1	0	1	1	0	1
5	0	1	1	1	1	1	1
6	1	0	0	0	0	0	0
7	1	0	1	0	0	0	0
8	1	1	0	0	0	0	0
9	1	1	1	1	0	1	1

2.

Below are the talked about

3. Verify equivalence of Two Random Equations, this shown through showing the table and the equivalence of that table.

	A	B	C	D	E	F	G	H	I
1	x	y	z	xy	x'	x'z	yz	f1=xy + x'z + yz	f2 = xy + x'z
2	0	0	0	0	1	0	0	0	0
3	0	0	1	0	1	1	0	1	1
4	0	1	0	0	1	0	0	0	0
5	0	1	1	0	1	1	1	1	1
6	1	0	0	0	0	0	0	0	0
7	1	0	1	0	0	0	0	0	0
8	1	1	0	1	0	0	0	1	1
9	1	1	1	1	0	0	1	1	1