

1. i.  $F = (\sim(x*y) + x*y)*\sim y$

$F = ((1)*\sim y$

$F = \sim y$

ii.

x	y	z	$F = \sim y$
0	0	0	1
0	0	1	1
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	0

iii.

