

6.6 1, 2, 3, 5, 6, 7, 12, 15, 16, 18

1.	x	y	z	$x \wedge (y \vee z')$
	0	0	0	0
	0	0	1	0
	0	1	0	0
	0	1	1	0
	1	0	0	1
	1	0	1	0
	1	1	0	1
	1	1	1	1

2.	x	y	z	$(x \vee y)$	\vee	$(z \vee x')$
	0	0	0	0	1	1
	0	0	1	0	1	1
	0	1	0	1	1	1
	0	1	1	1	1	1
	1	0	0	1	1	0
	1	0	1	1	1	1
	1	1	0	1	1	0
	1	1	1	1	1	1

3.	x	y	z	$(x \wedge y')$	\vee	$y \wedge$	$(y \wedge z')$
	0	0	0	0	0	0	0
	0	0	1	0	0	0	0
	0	1	0	0	1	1	1
	0	1	1	0	0	0	0
	1	0	0	1	1	0	0
	1	0	1	1	1	0	0
	1	1	0	0	1	1	1
	1	1	1	0	0	0	0

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5. $(x \vee y) \wedge (x' \vee y) ; y$

'We are doing an or on x & not x'
meaning we will get every value of
 y

6.