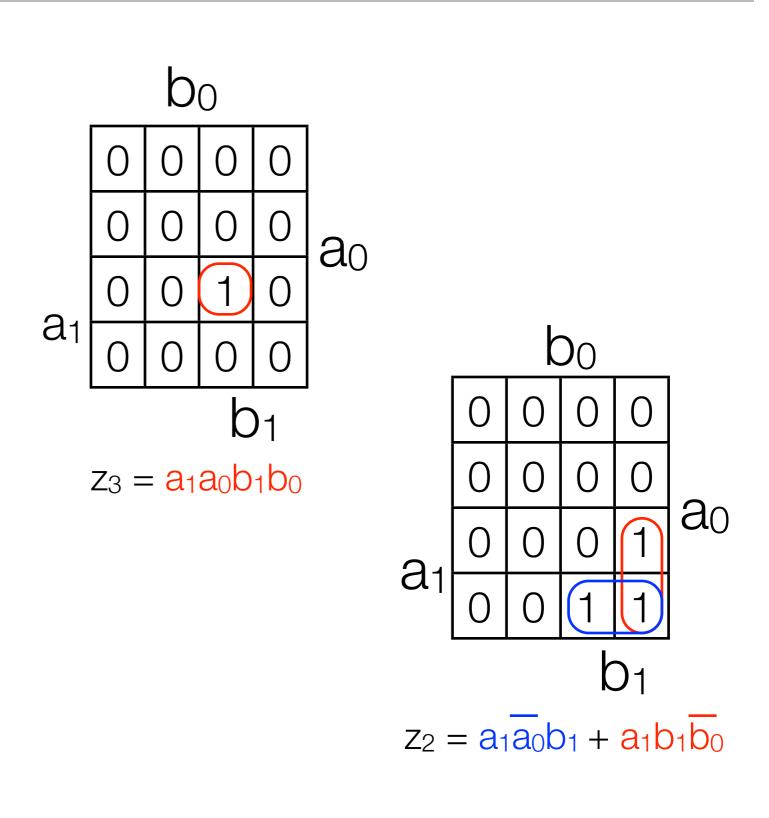
Design example: 2-bit multiplier (SOLUTION)

a1	a0	b1	b0	z3	z2	z1	z0
0	0	0	0				
0	0	0	1				
0	0	1	0				
0	0	1	1				
0	1	0	0				
0	1	0	1				1
0	1	1	0			1	
0	1	1	1			1	1
1	0	0	0				
1	0	0	1			1	
1	0	1	0		1		
1	0	1	1		1	1	
1	1	0	0				
1	1	0	1			1	1
1	1	1	0		1	1	
1	1	1	1	1			1



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a1	a0	b1	b0	z3	z2	z1	z0
0	0	0	0				
0	0	0	1				
0	0	1	0				
0	0	1	1				
0	1	0	0				
0	1	0	1				1
0	1	1	0			1	
0	1	1	1			1	1
1	0	0	0				
1	0	0	1			1	
1	0	1	0		1		
1	0	1	1		1	1	
1	1	0	0				
1	1	0	1			1	1
1	1	1	0		1	1	
1	1	1	1	1			1

