

EXAMPLE

AB \ CD	00	01	11	10
00	1	1	1	1
01	1	1	0	1
11	1	1	1	1
10	0	1	1	1

Table 3

AB \ CD	00	01	11	10
00	<u>1</u>	1		<u>1</u>
01	<u>1</u>	1		<u>1</u>
11	<u>1</u>	1		<u>1</u>
10	<u>1</u>	1		<u>1</u>

Table 6

AB \ CD	00	01	11	10
00		1	1	1
01	1			1
11	1			1
10		1	1	1

$$F = C' + \underline{D'}$$

$$F = B'D + \underline{CD'} + \underline{BD'}$$

Table 1

AB \ CD	00	01	11	10
00	1	1		
01			1	1
11	1	1	<u>1</u>	1
10			<u>1</u>	

Table 4

AB \ CD	00	01	11	10
00	1	1		1
01		1		
11		1	1	
10		1		1

Table 7

AB \ CD	00	01	11	10
00	1		1	
01		1		1
11		1		1
10	1		1	

$$F = BC + A'B'C' + AB + \underline{ACD}$$

$$F = A'B'D' + C'D + \underline{ABD} + \underline{AB'CD'}$$

$$F = B'C'D' + BC'D + B'CD + BCD'$$

Table 2

AB \ CD	00	01	11	10
00	1			1
01		1	1	
11		1	1	
10	1			1

Table 5

AB \ CD	00	01	11	10
00	1	1		
01	1	1	1	1
11				
10	1	1		

Table 8

AB \ CD	00	01	11	10
00	1	1	1	
01		1	1	1
11				1
10	1	1		1

$$F = \underline{BD} + B'D'$$

$$F = A'B + B'C'$$

$$F = B'C' + \underline{A'D} + \underline{BCD'} + \underline{ACD'}$$