

05039900

25/02/2013 TECNOLOGIA Y ORGANIZACION DE COMPUTADORES 47

Truth Table

AB	CD	F
00	00	0
00	01	0
00	10	0
00	11	0
01	00	0
01	01	0
01	10	0
01	11	0
10	00	0
10	01	0
10	10	0
10	11	0
11	00	0
11	01	0
11	10	0
11	11	0

Karnaugh Map

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

Equation Output

Solution: $\bar{B} \cdot \bar{D}$ ✓

SOLUCIÓN: $\bar{B} \cdot \bar{D}$ ✓

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Truth Table

AB	CD	F
00	00	0
00	01	0
00	10	0
00	11	0
01	00	0
01	01	0
01	10	0
01	11	0
10	00	0
10	01	0
10	10	0
10	11	0
11	00	0
11	01	0
11	10	0
11	11	0

Karnaugh Map

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

Equation Output

Solution: $\bar{A} \cdot \bar{D}$ ✓

SOLUCIÓN: $\bar{A} \cdot \bar{D}$ ✓

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Truth Table

AB	CD	F
00	00	0
00	01	0
00	10	0
00	11	0
01	00	0
01	01	0
01	10	0
01	11	0
10	00	0
10	01	0
10	10	0
10	11	0
11	00	0
11	01	0
11	10	0
11	11	0

Karnaugh Map

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

Equation Output

Solution: $\bar{C} \cdot \bar{D}$ ✓

SOLUCIÓN: $\bar{C} \cdot \bar{D}$ ✓

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Truth Table

AB	CD	F
00	00	0
00	01	0
00	10	0
00	11	0
01	00	0
01	01	0
01	10	0
01	11	0
10	00	0
10	01	0
10	10	0
10	11	0
11	00	0
11	01	0
11	10	0
11	11	0

Karnaugh Map

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

Equation Output

Solution: $\bar{A} \cdot \bar{B}$ ✓

SOLUCIÓN: $\bar{A} \cdot \bar{B}$ ✓