$$\overline{\overline{AB}} + \overline{\overline{CD}} + \overline{\overline{ABCD}} + \overline{A}$$

A	B	C	D	AB	CD	$\overline{A}\overline{B}$	$\overline{C}\overline{D}$	$\overline{A}\overline{B} + \overline{C}\overline{D}$	$\overline{\overline{A}}\overline{\overline{B}} + \overline{\overline{C}}\overline{\overline{D}}$	ABCD	$\overline{A}\overline{B}\overline{C}\overline{D}$	$\overline{A}$
0	0	0	0	0	0	1	1	1	0	0	1	1
0	0	0	1	0	0	1	1	1	0	0	1	1
0	0	1	0	0	0	1	1	1	0	0	1	1
0	0	1	1	0	1	1	0	1	0	0	1	1
0	1	0	0	0	0	1	1	1	0	0	1	1
0	1	0	1	0	0	1	1	1	0	0	1	1
0	1	1	0	0	0	1	1	1	0	0	1	1
0	1	1	1	0	1	1	0	1	0	0	1	1
1	0	0	0	0	0	1	1	1	0	0	1	0
1	0	0	1	0	0	1	1	1	0	0	1	0
1	0	1	0	0	0	1	1	1	0	0	1	0
1	0	1	1	0	1	1	0	1	0	0	1	0
1	1	0	0	1	0	0	1	1	0	0	1	0
1	1	0	1	1	0	0	1	1	0	0	1	0
1	1	1	0	1	0	0	1	1	0	0	1	0
1	1	1	1	1	1	0	0	0	1	1	0	0

$\overline{A}\overline{B}\overline{C}\overline{D}+\overline{A}$	$\overline{\overline{A}\overline{\overline{B}}} + \overline{\overline{C}\overline{\overline{D}}} + \overline{A}\overline{B}\overline{C}\overline{D} + \overline{A}$
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
0	1

$\overline{A'}$

$\overline{ABCD + A}$

$\overline{AB}$

ABCD

$\overline{ABCD}$

$\overline{AB + CD}$

$\overline{\overline{AB} + \overline{CD}}$

CD

$\overline{CD}$

A

B

C

D