

# SUM of PRODUCTS

Map

	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$D.E.F$	$D.E.F$	$D.E.F$	$D.E.F$
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	x	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$A.B.C$	1	1	1	1	1	1	1	1
$A.B.C$	0	0	1	1	0	0	0	0
$A.B.C$	0	0	0	0	0	0	0	0
$A.B.C$	0	0	0	0	0	0	0	0

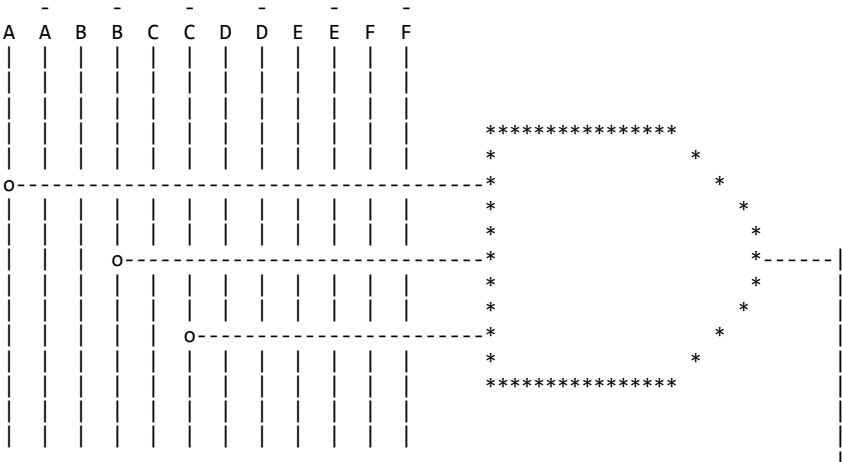
Map Layout

	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$D.E.F$	$D.E.F$	$D.E.F$	$D.E.F$
$\overline{A.B.C}$	0	1	3	2	4	5	7	6
$\overline{A.B.C}$	8	9	11	10	12	13	15	14
$\overline{A.B.C}$	24	25	27	26	28	29	31	30
$\overline{A.B.C}$	16	17	19	18	20	21	23	22
$A.B.C$	32	33	35	34	36	37	39	38
$A.B.C$	40	41	43	42	44	45	47	46
$A.B.C$	56	57	59	58	60	61	63	62
$A.B.C$	48	49	51	50	52	53	55	54

Groups

(32,33,34,35,36,37,38,39)	$A.B.C$
(34,35,42,43)	$A.B.D.E$

$y = A.B.C + A.B.D.E$





39	1	0	0	1	1	1	1
40	1	0	1	0	0	0	0
41	1	0	1	0	0	1	0
42	1	0	1	0	1	0	1
43	1	0	1	0	1	1	1
44	1	0	1	1	0	0	0
45	1	0	1	1	0	1	0
46	1	0	1	1	1	0	0
47	1	0	1	1	1	1	0
48	1	1	0	0	0	0	0
49	1	1	0	0	0	1	0
50	1	1	0	0	1	0	0
51	1	1	0	0	1	1	0
52	1	1	0	1	0	0	0
53	1	1	0	1	0	1	0
54	1	1	0	1	1	0	0
55	1	1	0	1	1	1	0
56	1	1	1	0	0	0	0
57	1	1	1	0	0	1	0
58	1	1	1	0	1	0	0
59	1	1	1	0	1	1	0
60	1	1	1	1	0	0	0
61	1	1	1	1	0	1	0
62	1	1	1	1	1	0	0
63	1	1	1	1	1	1	0