

Truth table for m_1 (Karnaugh map):

$a_1a_0 \backslash b_1b_0$	00	01	11	10
00	0	0	1	1
01	0	0	1	1
11	1	1	1	1
10	1	1	1	1

The map shows two groups of 1s: a group of 4 cells (11, 10) for b_1b_0 (11, 10) and a group of 4 cells (11, 10) for a_1a_0 (11, 10).

Truth table for m_0 (Karnaugh map):

$a_1a_0 \backslash b_1b_0$	00	01	11	10
00	0	1	1	0
01	1	1	1	0
11	1	1	1	1
10	0	0	1	0

The map shows four groups of 1s: a group of 4 cells (01, 11) for b_1b_0 (01, 11), a group of 4 cells (01, 11) for a_1a_0 (01, 11), a group of 4 cells (11, 10) for b_1b_0 (11, 10), and a group of 4 cells (11, 10) for a_1a_0 (11, 10).