

Samples

```

let x = -1
karnaugh(("CD", "AB"), // Labels in string
  implicants: (
    // (x, y, length/width, optional height)
    (0, 1, 2),
    (1, 0, 2),
    (2, 2, 2),
  ),
  (
    // Any number that is neither 0 or 1 will
    // be treated as don't-care.
    (0, 1, x, 0),
    (1, x, 1, 0),
    (1, 1, x, 1),
    (0, 0, 1, x),
  )
)

karnaugh(("C", "AB"),
  implicants: (
    (0, 1, 1, 2),
    (1, 2, 2, 1),
  ),
  (
    (0, 1, 0, 0),
    (0, 1, 1, 1),
  ),
  // Allow zero to appear
  show-zero: true
)

karnaugh(
  (
    // Labels in math mode
    ($I_2$,), ($I_1$, $I_0$)
  ),
  implicants: (
    // `(0, 3, 2)` moves outside the frame
    // but will come back
    (0, 3, 2),
    (1, 0, 4, 1),
  ),
  (
    (1, 0, 0, 1),
    (1, 1, 1, 1),
  )
)

```

$CD \backslash AB$	00	01	11	10
00		1	*	
01	1	*	1	
11	1	1	*	1
10			1	*

Table 1: Karnaugh map with don't-care

$C \backslash AB$	00	01	11	10
00	0	1	0	0
01	0	1	1	1

Table 2: Zeros are not ignored

$I_2 \backslash I_1 I_0$	00	01	11	10
00	1			1
01	1	1	1	1

Table 3: Crossing implicant