Example:

$$f = m_1 + m_4 + m_7 = M_0 M_2 M_3 M_5 M_6$$
= $\{(!,5)\}$
= $\{(m_0 + m_2 + m_3 + m_5 + m_6)\}$
= $\{(m_0)(!m_2)(!m_3)(!m_5)(!m_6)\}$
= $M_0 M_2 M_3 M_5 M_6$
 $M_0 = \overline{xy} = S_0, \overline{m}_i = M_i$
 $\overline{m}_0 = \overline{xy} = \overline{x}$
= $x + y + z$
 $\overline{m}_i = m_i$

Karnough Majos (K Majos).

* Truth table in a different format.

* Allows for application of Boolean Algebra graphicaly.

2 Mo

* Good for functions of <5 variables.

2 variable kmap

$$\int_{-\infty}^{\infty} m_0 + m_1 + m_3$$

$$= \overline{x} \overline{y} + \overline{x} y + \overline{x} y + \overline{x} y + \overline{x} y + \overline{x} y$$

$$= \overline{x} (\overline{y} + y) + (\overline{x} + \overline{x}) y$$

$$= \overline{x} (\overline{y} + y) + (\overline{x} + \overline{x}) y$$

$$= \overline{x} + \overline{y}$$



