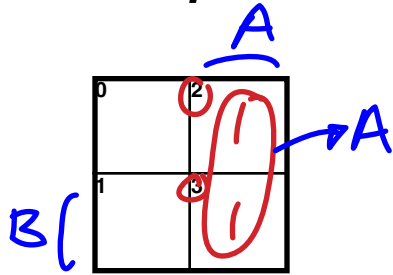


Karnaugh Maps

2 Variable Map:



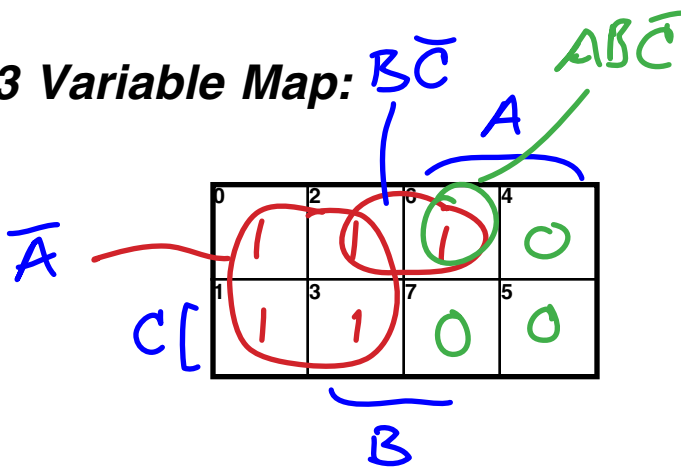
$$F = m_3 + m_2$$

$$= AB + A\bar{B} = A$$

$\left. \begin{array}{l} x y + x \bar{y} = x \end{array} \right\} BA$

Let $\begin{cases} x = A \\ y = B \end{cases}$

3 Variable Map:



$$F = \begin{cases} \Sigma m(0, 1, 2, 3, 6) \\ \Pi M(4, 5, 7) \end{cases}$$

$$= \bar{A} + B\bar{C} \quad \underline{\underline{SOP}}$$

4 Variable Map:

