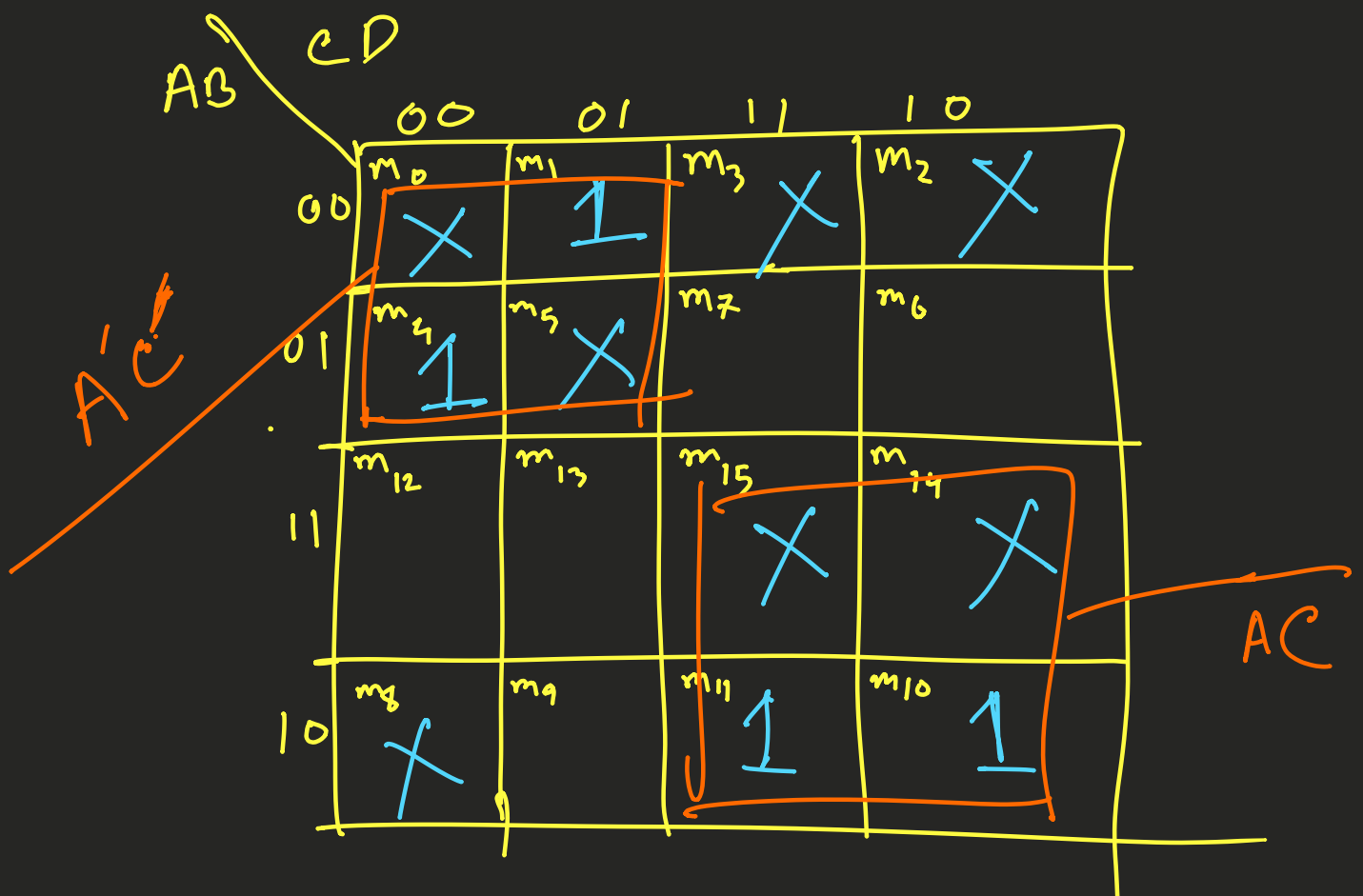


Problem 01

$$f(A, B, C, D) = \sum (1, 4, 10, 11)$$

$$+ D(0, 2, 3, 5, 8, 14, 15)$$



$$\therefore F = A'C' + AC$$

Problem 02

$$f(A, B, C, D, E)$$

$$= \sum 4, 5, 17, 19, 25, 27$$

$$+ D(2, 6, 12, 13, 16, 18, 24, 26, 30, 31)$$

$A=0$

$A=1$

$A=0$				$A=1$			
$BC \backslash DE$		00	01	11	10	$BC \backslash DE$	
00	m_0		m_1	m_3	m_2	00	m_{16}
01	m_4		m_5	m_7	m_6	01	m_{17}
11	m_{12}	X	X	m_{15}	m_{14}	11	m_{19}
10	m_8		m_9	m_{11}	m_{10}	10	m_{18}

$A'C'D'$

$A=1$			
$BC \backslash DE$		00	01
00	m_{16}	X	
01	m_{20}		m_{21}
11	m_{28}		m_{29}
10	m_{24}	X	

AC'

$$F = AC' + A'C'D'$$