



Commutative	$a + b = b + a$	
Associative	$a + (b + c) = (a + b) + c$	$a(bc) = (ab)c$
Identity	$a + 0 = a$	$a(1) = a$
Null	$a + 1 = 1$	$a(0) = 0$
Complement	$a + a' = 1$	$a(a') = 0$
Idempotency	$a + a = a$	$a(a) = a$
Involution	$(a')' = a$	
Distributive	$a(b + c) = ab + ac$	$a + bc = (a + b)(a + c)$
Adjacency	$ab + ab' = a$	$(a + b)(a + b') = a$
Simplification	$a + a'b = a + b$	$a(a' + b) = ab$
DeMorgan	$(a + b)' = a'b'$	$(ab)' = a' + b'$
Absorption	$a + ab = a$	$a(a + b) = a$
Consensus	$ab + ac + bc = ab + ac$	

		<i>ab</i>			
		00	01	11	10
<i>cd</i>	00	m_0	m_4	m_{12}	m_8
	01	m_1	m_5	m_{13}	m_9
	11	m_3	m_7	m_{15}	m_{11}
	10	m_2	m_6	m_{14}	m_{10}

		<i>ab</i>			
		00	01	11	10
<i>cd</i>	00				
	01	<div></div>	<div></div>		
	11	<div></div>			
	10				