

1		()	
2	$A \& 0 = 0$	$(\cdot = 0)$	
3	$A \vee 1 = 1$	$(A + = 1)$	
4	$\overline{\overline{A}} = A$		
5	$A \& 0 = 0$ $A \vee 0 = A$	$\cdot 0 = 0$ $A + 0 = A$	
6	$A \& 1 = A$ $A \vee 1 = 1$	$\cdot 1 = A$ $A + 1 = 1$	
7	$A \& A = A$ $A \vee A = A$	$\cdot A = A$ $A + A = A$	
8	$A \vee \overline{A} = 1$	$A + \overline{A} = 1$	
9	$\overline{\overline{(A \rightarrow B)}} = A \& B$	$\overline{\overline{(A \rightarrow B)}} = A \cdot B$	
10	$A \rightarrow B = A \vee \overline{B}$	$A \rightarrow B = \overline{A} + B$	
11	$A \& (A \vee B) = A$	$A \cdot (A + B) = A$	

12	$A \vee A \& B = A$	$A + A \cdot B = A$	
13	$\&(A \vee B) = \&A \& B$	$\cdot(A + B) = \cdot A + \cdot B$	
14	$A \vee \&B = A \vee B$	$A + \cdot B = A + B$	
15	$(A \vee B) \vee C = A \vee (B \vee C)$ $(A \& B) \& C = A \& (B \& C)$	$(A + B) + C = A + (B + C)$ $(A \cdot B) \cdot C = A \cdot (B \cdot C)$	
16	$(A \& B) \vee (A \& C) = A \& (B \vee C)$	$(A \cdot B) + (A \cdot C) = A \cdot (B + C)$	
17	$A \vee A = A$ $A \& A = A$	$A + A = A$ $A \cdot A = A$	
18	$A \vee B = B \vee A$ $A \& B = B \& A$	$A + B = B + A$ $A \cdot B = B \cdot A$	
19	$A \& B = A \& (B \vee A) \quad \text{and} \quad A + B = (A + B) \& (A + B)$		