Distributive Proposition – Circuits and Truth Table

A.B + A.C

A(B+C)
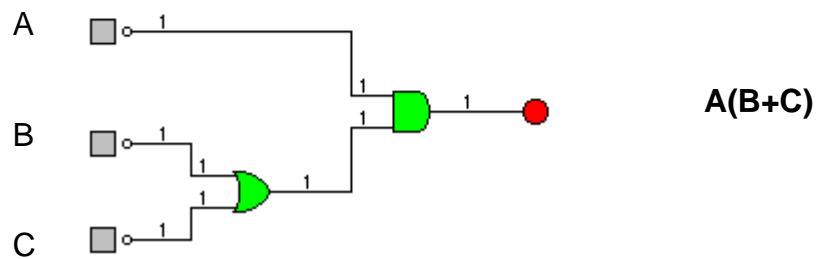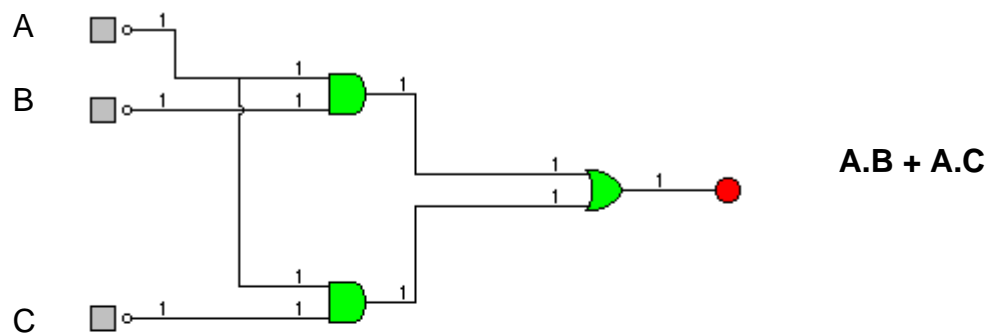
A(B+C) = A.B + A.C

A	B	C	B+C	A.B	A.C	A.B + A.C	A(B+C)
0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0
0	1	0	1	0	0	0	0
0	1	1	1	0	0	0	0
1	0	0	0	0	0	0	0
1	0	1	1	0	1	1	1
1	1	0	1	1	0	1	1
1	1	1	1	1	1	1	1