

Boolean algebra

Truth table

A	B	A'	B'	AB	A+B
F	F	T	T	F	F
F	T	T	F	F	T
T	F	F	T	F	T
T	T	F	F	T	T

Boolean algebra

Exercise 5. write the truth table for $(A+B)B$

A	B	$A+B$	$(A+B)B$
F	F		
F	T		
T	F		
T	T		

Truth tables can be used to prove equivalencies.
What have we proved in this table?