

# 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?

