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conjunction

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A conjunction is true only when both parameters (called conjuncts) are true. In English, conjunction is denoted by the word “and”. Symbolically, we represent it as \wedge or multiplication applied to Boolean parameters. Conjunction of a and b would be written

$$a \wedge b$$

or, in algebraic context,

$$a \cdot b$$

or

$$ab$$

The truth table for conjunction is

a	b	$a \wedge b$
F	F	F
F	T	F
T	F	F
T	T	T