

'Logical Truth' (pub. 10.08.17-10:08). Quote in M. Bergman & S. Paavola (Eds.), *The Commens Dictionary: Peirce's Terms in His Own Words. New Edition*. Retrieved from <http://www.commens.org/dictionary/entry/quote-logical-2>.

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**Term:** Logical Truth

**Quote:** *Logical truth* is a phrase used in three senses, rendering it almost useless.

1. The harmony of a thought with itself. Most usually so defined, but seldom so employed. So far as this definition is distinct, it makes logical truth a synonym for logical possibility; but, no doubt, more is intended. (Hamilton, *Lects. on Logic*, xxvii.)

2. The conformity of a thought to the laws of logic; in particular, in a concept, consistency; in an inference, validity; in a proposition, agreement with assumptions. This would better be called *mathematical truth*, since mathematics is the only science which aims at nothing more. (Kant, *Krit. d. reinen Vernunft*, 1st ed., 294.)

3. More properly, the conformity of a proposition with the reality, so far as the proposition asserts anything about the reality. Opposed, on the one hand, to metaphysical truth, which is an affection of the *ens*, and, on the other hand, to ethical *truth*, which is telling what a witness believes to be true. (Burgersdicius, *Inst. Met.*, chap. xviii.)

**Source:** Peirce, C. S. (1902). Logical. In J. M. Baldwin (Ed.), *Dictionary of Philosophy and Psychology, Vol. II* (pp. 27-28). London: Macmillan and Co.

**References:** DPP 2:27; CP 2:541

**Date of** 1902

**Quote:**

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