

'Problem' (pub. 20.11.15-10:13). 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-sketch-dichotomic-mathematics-10>.

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**Term:** Problem

**Quote:** Any *Problem* (as I shall use the term) would be a proposition pronouncing, in effect, that under circumstances known to exist or to be possible, a certain sort of result, described partly, at least, in a general way, exists or is possible, this vague proposition being usually, though not essentially capable of definition, showing under what general conditions it always will be realized, and at any rate, being capable of demonstration from propositions previously established, but only by means of a hypothesis not immediately suggested in the vague enunciation; and any proposition of that description would be a Problem.

**Source:** Peirce, C. S. (1904). *Sketch of Dichotomic Mathematics*. MS [R] 4.

**References:** NEM 4:291

**Date of** 1904

**Quote:**

**URL:** <http://www.commens.org/dictionary/entry/quote-sketch-dichotomic-mathematics-10>