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Newton's *Principia Mathematica* famously denied "making hypotheses". His frequently-quoted Latin sentence—"*Hypotheses non fingo*" ("I make no hypotheses")—puzzles modern readers and prompts consideration of various interpretations of *make* and *hypothesis*.

A literature exists on how *fingo* ("I make") could be taken and, in particular, what *making* could mean applied to hypotheses. Less exists on the ambiguous noun *hypothesis*—borrowed from Greek by both Latin and English, and with the same spelling. The Greek noun *hupothesis* is cognate with the verb *hupotithenai* ("to place-under"): *hupo-* ("under"); *tithenai* ("to place"). A Latin-based correlate is *to suppose*—often used to translate *hupotithenai*.

A dictionary used in Plato's Academy defined *hupothesis* as "indemonstrable first principle" [1, p.1684]. Contemporaneously, Aristotle routinely used *hupothesis* in a completely different sense—for reductio assumptions in indirect deductions [3, pp. xxx, 210]. Ancient Greek exhibits other metaphorical uses of "to place-under" and literal uses abound.

We treat senses of *hypothesis*—and cognates such as *hypothesize* and *hypothetical*—emphasizing logic.

In logic *hypothesis* frequently indicates "open question": continuum hypothesis, Goldbach hypothesis, and, formerly, Fermat hypothesis. In [2], a proposition is defined to be a *hypothesis for a* given person *at a* given time if it is neither known true nor known false by that person at that time.

We discuss other logic passages where *hypothesis* is interchangeable with one or more of several near synonyms: *antecedent*, *assumption*, *axiom*, *condition*, *conjecture*, *postulate*, *premise*, *presupposition, supposition*, *theory*, etc. Broader contexts add *explanation*, *guess*, *hunch*, *inference*, *prediction*, *speculation*, *surmise*, and others. The adjective, as in *hypothetical situation* or *hypothetical proposition*, has near synonyms such as *conditional*, *consequent*, *imaginary, imagined, inferred*, etc.

[1] JOHN COOPER (editor), ***Plato: Complete Works***, Hackett, 1997.
[2] JOHN CORCORAN, *Argumentations and logic*, ***Argumentation***, vol. 3 (1989), pp. 17-43.
[3] ROBIN SMITH, ***Aristotle's Prior Analytics***, Hackett, 1989.