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Function notation as an idiom.

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Summary: Functions play a large role in mathematics education beginning in middle school. The aim of this paper is to investigate the meaning teachers hold for function notation; namely, we suggest that many teachers view function notation as a four-character idiom consisting of function name, parenthesis, variable and parenthesis. Many of the teachers who engaged in tasks aimed at exploring teachers’ meanings for function notation responded in a manner suggestive of viewing function notation idiomatically.

Classification: I29 E49

Keywords: functions; function notation