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**Writing in mathematics: making it work.**

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Summary: This paper examines various issues surrounding the use of writing in the teaching and learning of mathematics using the voice and experiences of a licensed High School teacher instructing introductory college mathematics as a graduate teaching assistant. In general, we detail the journey taken by this teacher to explore the push for writing by major mathematical organizations, to learn about options for implementing writing as well as the benefits of doing so, and then to actually implement writing in her own classroom on a weekly basis. In particular, the teacher we studied employed three major types of writing activities: mathematical biographies, minute papers, and journaling. We include descriptions of the specific writing assignments she used, examples showing the range of student responses, and a discussion of the teacher's reaction to her student's submissions.

*Classification:* D40

*Keywords:* writing; biographies; journals; minute papers; difficulties; assessment; precalculus; undergraduate; instructional mode

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