

Meeting: 1003, Atlanta, Georgia, MAA CP A1, MAA Session on Getting Students To Discuss and To Write About Mathematics, I

1003-A1-198 **Jennifer M. Switkes*** (jmswitkes@csupomona.edu), Department of Mathematics, 3801 W. Temple Ave., Pomona, CA 91768. *Four Revolutionaries, an Integral, and a Pizza Place,* and The Midnight Trek*

* (Title taken from an actual student project.).

In this talk, I will present my favorite writing project for differential calculus and my favorite writing project for integral calculus, each modified from a problem appearing in a popular calculus text. On each of these writing projects, I invite students to work in teams and to be as creative as they want. Students find these writing projects fun—after all, everyone likes pizza and no one wants to perish on a midnight trek through the snow! During the talk, I will discuss what students learn from these projects and show two actual student projects from the pizza problem. (Received August 25, 2004)