

## Establishing and Maintaining a Monthly Math Puzzler for Everyone's Participation

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In this article, we give guidance about how to create and sustain a monthly mathematics puzzler contest at a college. One goal of puzzler contests is to encourage student involvement outside the classroom by providing another activity to complement math clubs, undergraduate research, and independent study. The desire is to foster a sense of community among students and any faculty who want to become involved. Potential educational benefits include engaging students in mathematics in a manner different from their regular coursework. In an almost entirely nonjudgmental environment with no assessment except whether the student's name might be included among the solvers, students can work untimed, wherever they wish, on a specific problem over a month.

Keywords: mathematical puzzles, student engagement



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