Curious Calculus Questions from Students and Colleagues—Part IV

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Curious questions are questions based on a hunch, personal interest, generalization, or a suspected error. While these questions may baffle students and teachers alike, pursuing an answer may lead to a fascinating mathematical journey. Students may be led to a satisfying answer while teachers may stumble upon ideas for projects and enrichment. The situation is a win–win for student and teacher. This article discusses four questions asked in a recent Calculus II class, including the origin of each question and ways to encourage curiosity and investigation in classroom environments.

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