

1125-M5-769

Igor Vladimirovich Minevich* (igor.minevich@bc.edu), Boston College Mathematics Department, Maloney Hall 553, 140 Commonwealth Avenue, Chestnut Hill, MA 02467. *Intriguing Problems for Students in a Proofs Class.*

We will explore some engaging and challenging problems that will excite your students about doing proofs. These problems, involving real life scenarios that students can easily relate to, will teach students to use induction, numerical invariants, and the pigeonhole principle. (Received September 11, 2016)