

The Problem Section

Take the Challenge

Compiled by Sean Simpson, Westchester Community College, NY.

Welcome to the Problem Section. Each issue, we strive to provide several interesting and usually challenging problems for you to consider. Target content includes mathematics questions and puzzles connected in some way to the mathematics we teach in the two-year college. **Problems needed!** Readers are encouraged to submit problem proposals (with solution) for possible inclusion in this column. We also encourage readers to submit solutions to the problems posed; we will publish the best or most interesting in a future issue. Please put your name and affiliation on each solution; they are placed in separate folders and judged by different members of the team. To be considered for publication, send your solutions to problems in this issue by January 15, 2019. Send all correspondence to Problem Section Editor Sean Simpson, Sean.Simpson@sunywcc.edu, or at Westchester Community College, 75 Grasslands Road, Valhalla, NY 10595 (e-mail is preferred).



Sean Simpson is professor of mathematics at Westchester Community College, where he has been since 2002. He has a master's degree in mathematics from Pennsylvania State University and another in statistics from Baruch College. He has also won the Faculty Math Contest at AMATYC twice (2011 and 2012).