Problem of the Week #3  
9/24/2018 to 10/7/2018

A billiard player strikes a ball without English so that it hits each cushion exactly once and then returns to the position where it was initially struck. If the top of the table is 8 feet by 4 feet, how far does the ball travel?

Solutions to the last problem were submitted by Otar Berizde (Georgia, the country), Suliko Bolkvadze (Georgia, the country), Matthew Brom (Troy, NY), Rob Hill (Gambrills, Maryland), Lincoln James (Chicago, IL), Jack Kennedy (San Antonio), Hari Kishan (India), Cheo Lee (San Antonio), Tom O’Neil (Central Coast of CA), Colin Perera (San Antonio), Thomas Roddenberry (Houston, TX), Drake Thomas (Minneapolis, MN), and Eric Zou (San Antonio).

Solutions for this problem can be submitted to Dr. Brian Miceli at bmiceli@trinity.edu, or you can drop them off at his office, MMH 115F. People with correct solutions will be acknowledged on the next problem. For old problems, follow the “Problem of the Week” link at www.trinity.edu/bmiceli, and if you like these problems, you may be interested in the Putnam Exam. More information on the Putnam Exam can also be found at www.trinity.edu/bmiceli.