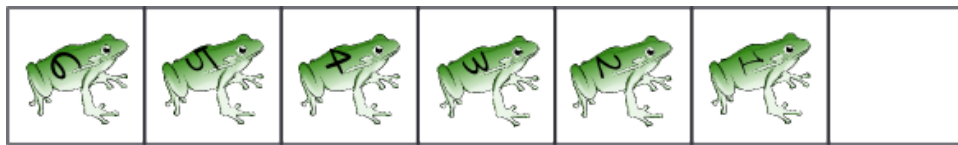# MATH CHALLENGE PROBLEM

for January 2017

Frog Reversal

Six frogs have hopped onto the first six of seven squares. Unfortunately, they have arrived in reverse order. The frogs would like to rearrange themselves so their numbers are increasing. A frog may slide to an adjacent open square, or may hop over exactly one other frog, landing on an empty square, but no other moves are allowed.

The Challenge: What is the least number of hops and slides required for the frogs to reverse their positions?

Submit solutions to Ross 2239G or `oscar.levin@unco.edu` by **Tuesday, January 31**.

The best solution will WIN A PRIZE!
Prizes include nifty Rubik's style puzzle cubes, math puzzle books, math games, even a math coloring book. So submit your answer TODAY!