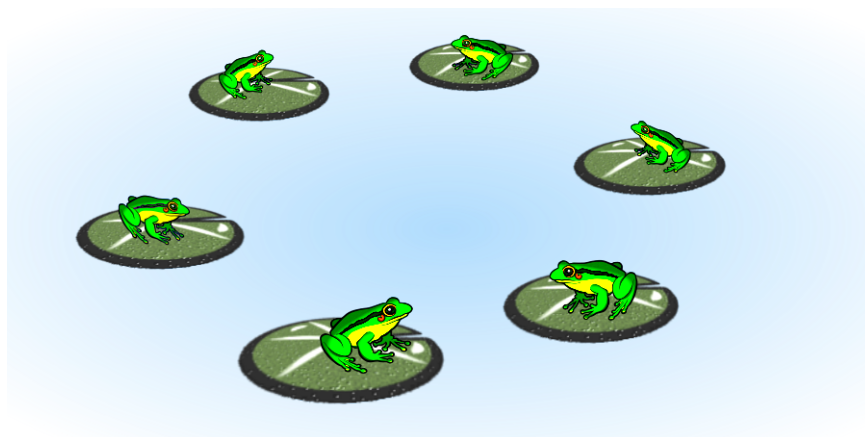


MATH CHALLENGE PROBLEM

for April 2017

Frog party



Six frogs sit on six lily pads arranged in a circle. The frogs wish to party, and as such must all hop to a single pad. So that things do not get too crazy, they agree that exactly two frogs will hop at a time, and that frogs will only hop to one of the two pads adjacent to their current location. The frogs wonder what is the fastest they can all arrive on a common pad.

The Challenge: Prove that no matter what, the frogs will never all occupy a common lily pad.

Submit solutions to Ross 2239G or oscar.levin@unco.edu by **Friday, April 28.**

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!