## A Winning Proposition

In the game of Chomp, a delicious rectangular chocolate bar is divided into rows of square pieces. Two players take turns removing groups of squares to eat, but there is one problem: the last square is poison! The player forced to 'eat' this square will lose the game. Is there a winning strategy for either player? We will try to understand Chomp and the related games 'Nim' and '21' by applying the idea of *winning positions*. Please join us at the

EVANSTON MATH CIRCLE
Saturday, November 16
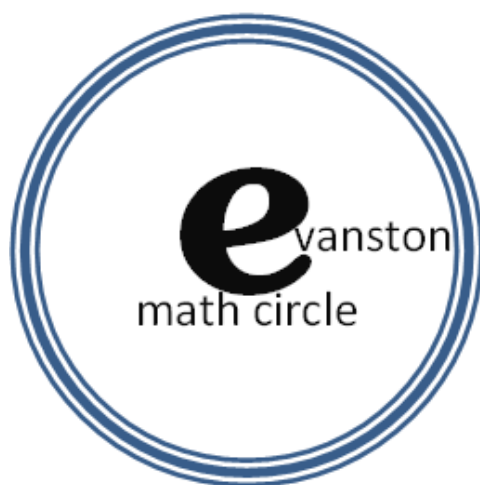
Northwestern University
Lunt Hall Room 218, 11:00 AM to 12:30pm

Math Circle is geared towards eager middle-school students, but students of other ages and backgrounds are welcome as well. More information is available at http://www.math.northwestern.edu/~scanez/mathcircle/