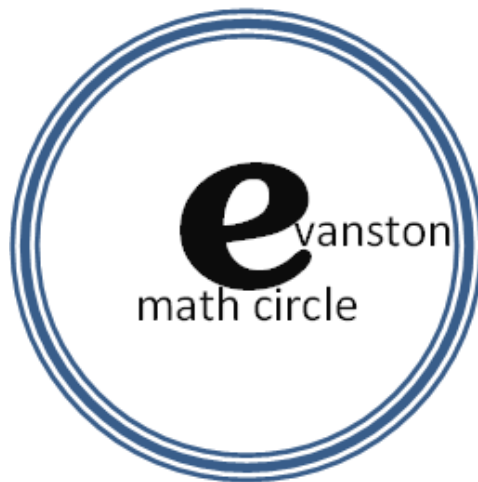# So Many Squares

A "square number" is a number obtained by multiplying another number by itself. These numbers are fun, but they are pretty rare! If you pick a random number, chances are it won't be square! What happens if we add two or three squares? What kinds of numbers do we get? If I give you a number, can you predict whether it will be a sum of two, three or four squares? We'll explore the math behind these questions! Come join us at the:

EVANSTON MATH CIRCLE
Saturday, January 18

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/