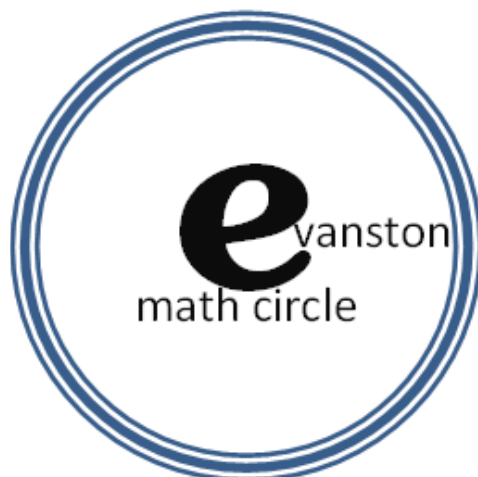


Infinite Summations

Say we play a game where we roll a die, and roll again every time we get a six. What are the chances that we will eventually roll a one? There are two ways to approach this problem, one giving a precise numerical answer, and the other giving an “answer” expressed as a sum of infinitely many numbers. But, what on earth does it mean to add together infinitely many things!? We’ll explore the math behind this problem and other types of infinite sums! Come join us at the

EVANSTON MATH CIRCLE Saturday, September 16



**Northwestern University
Lunt Hall Room 218, 11:00 AM to 12:30pm**

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

