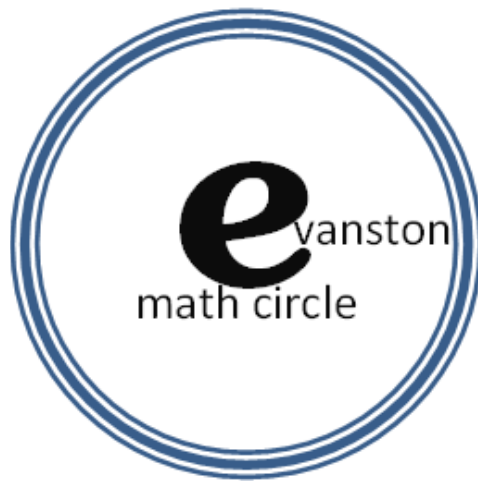


Pigeons and Counting

Take a standard chess board with 64 squares and place 17 rooks anywhere you want on the board. Here's a fun fact: you can always find 3 rooks among the 17 with the property that none of those three attack the other 2. We'll explore the basic counting techniques which lie behind this problem and ones like it, and see what this all has to do with counting pigeons! Come join us at the

EVANSTON MATH CIRCLE Saturday, October 29



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

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

