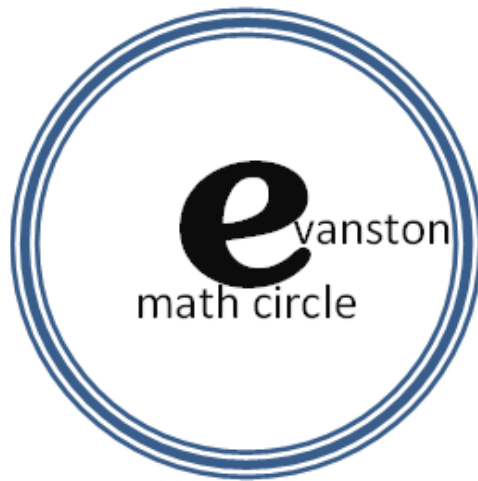


When's your birthday?

Here's a fun fact: in a room with 23 people, it is more likely than not that two will share the same birthday. This might seem surprising given that there are 365 (excluding leap years) possible birthdays and only 23 people, but is true nonetheless. In a similar way we can ask: how many people should there be in order for it to be more likely than not that all 365 possible birthdays will be represented? We'll explore some of the probability and counting which goes into answering this type of question! Come join us at the

EVANSTON MATH CIRCLE Saturday, September 24



**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/>

