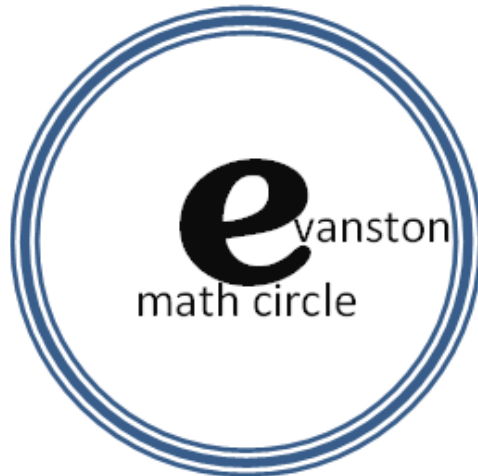## Up and Down

Four people are seated and can move only according to the following rule: on a given turn, a person can stand or sit only when the person directly in front of them is standing but all others ahead are seated. What is the fewest number of turns needed to have the final person, and no one else, standing? We'll dive into the math hidden in this problem! Come join us at the

EVANSTON MATH CIRCLE
Saturday, January 30

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/