



# MATH HOUR @ UNIVERSITY OF WASHINGTON

A MATH LECTURE FOR GRADES 6-10

UW Seattle campus

Savery Hall 260

[www.math.washington.edu/~mathcircle/mathhour](http://www.math.washington.edu/~mathcircle/mathhour)



*Professor Vic Reiner*

*University of Minnesota  
Mathematics*

## Guarding an Art Gallery

**Abstract:** How many museum guards do you need to post to see every bit of wall-space in a weird art gallery having  $N$  straight walls that meet at funny angles? We'll see why you need  $N/3$  guards at most and how this relates to cutting polygons into triangles.

**May 18, 2014  
Sunday, 1-2pm**