

Professor Mohamed Omar

Mathematics, Harvey Mudd College

Areas of polygons and counting

A WATHLECTURE LOR GRADES 6-10 www.math.washington.edu/-mathcircle/mathhour Abstract: Finding the area of a general polygon can be quite complicated, especially when it has many sides and strange angles at its vertices. However, for a special class of polygons, there is a beautiful formula for determining their areas that has amounts to counting dots on a page! This talk will guide us through the development of the special formula.

UM Seattle campus

Savery Hall 260

April 9, 2017 Sunday, 1-2pm