

1035-N1-1452 **Kevin Hartshorn*** (hartshorn@moravian.edu), Department of Math/CS, 1200 Main St.,
Bethlehem, PA 18018. *The Aesthetics of Rectangles*.

The golden rectangle has long captured the imagination – too long. Many other important rectangles have been ignored, from the $\sqrt{3}$ rectangle in the *vesica piscis* to the $4/3$ rectangle on the standard computer screen. I will discuss an activity to help students explore the aesthetics of rectangles in art, architecture, and technology. In the process, students will explore ratios, gnomons, similar figures, and continued fractions. This activity will be written as a module to include in a general education mathematics course, particularly a “Mathematics for Design” or “Mathematics and Art” course. (Received September 19, 2007)