

1106-VG-2437      **Claudiu Mihai\*** (cmihai@daemen.edu), 4380 Main St, Amherst, NY 14226, and **Christine Rakowski**. *A Piece of Paper and a Pair of Scissors*.

In this paper we will discuss the problem of splitting a given geometrical figure in two regions of equal area by drawing a line through a given point in the interior of the figure. For some geometric figures we will further discuss the possibility of splitting the figure in regions with areas  $p\%$  and  $(100 - p)\%$ . (Received September 16, 2014)