## Proof Without Words: Area of a Disk is $\boldsymbol{\pi} \boldsymbol{R}^{2}$

Russell Jay Hendel, Dowling College, Oakdale, NY 11772
Mathematics Magazine, June 1990, Volume 63, Number 3, page 188.


R

R

R


$$
A=(1 / 2)(2 \pi R) R=\pi R^{2}
$$

