## Consider a square and a circle around Vitruvian Man.

 Let sides length of square $=1$.The circle diameter $=(1+\operatorname{sqrt}(2)) / 2=1.20710678 \ldots($ A174968 $)$.


## R0.60355339



1. Start with a unit square (red).
2. Create another square (green) by rotating the red square 45 degrees.
3. Draw a vertical line segment (blue) from the top vertex of the green square to the center of the bottom side of the red square.
4. Draw a circle circumscribed around the blue line segment.
