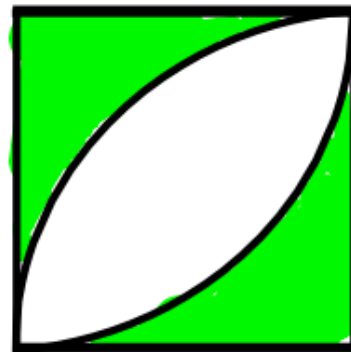


# Corbett's Conundrums

17<sup>th</sup> November

In the figure, the arcs are quadrants of a circle.

Calculate the shaded area.



$r$

