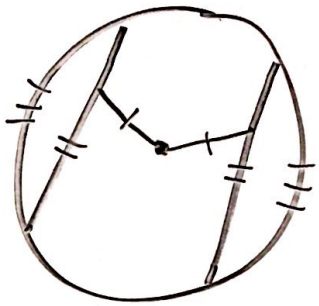
$A = \theta r^2 \left(\frac{\pi}{360}\right)$

$S = \theta r \left(\frac{\pi}{180}\right)$

Central $\angle$ = arc

inscribed $\angle = \frac{1}{2}$ arc



radis $\perp$ to tangent

$a^2 + b^2 = c^2$

$\angle = \frac{1}{2}(\text{arc} + \text{arc})$

$\angle = \frac{1}{2}(\text{larger arc} - \text{smaller arc})$

Whole (outside) = Whole (outside)

Whole (outside) = tangent^2