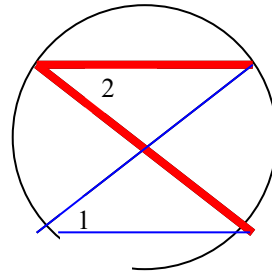


Corollary **If two inscribed angles intercept congruent arcs, the angles are congruent.**



A

$\angle 1$ and $\angle 2$ both intercept
arc AB, $\angle 1 = \angle 2$

B

Corollary **If a quadrilateral is inscribed in a circle, the opposite angles are supplementary.**

Corollary **An angle inscribed in a semicircle is a right angle.**