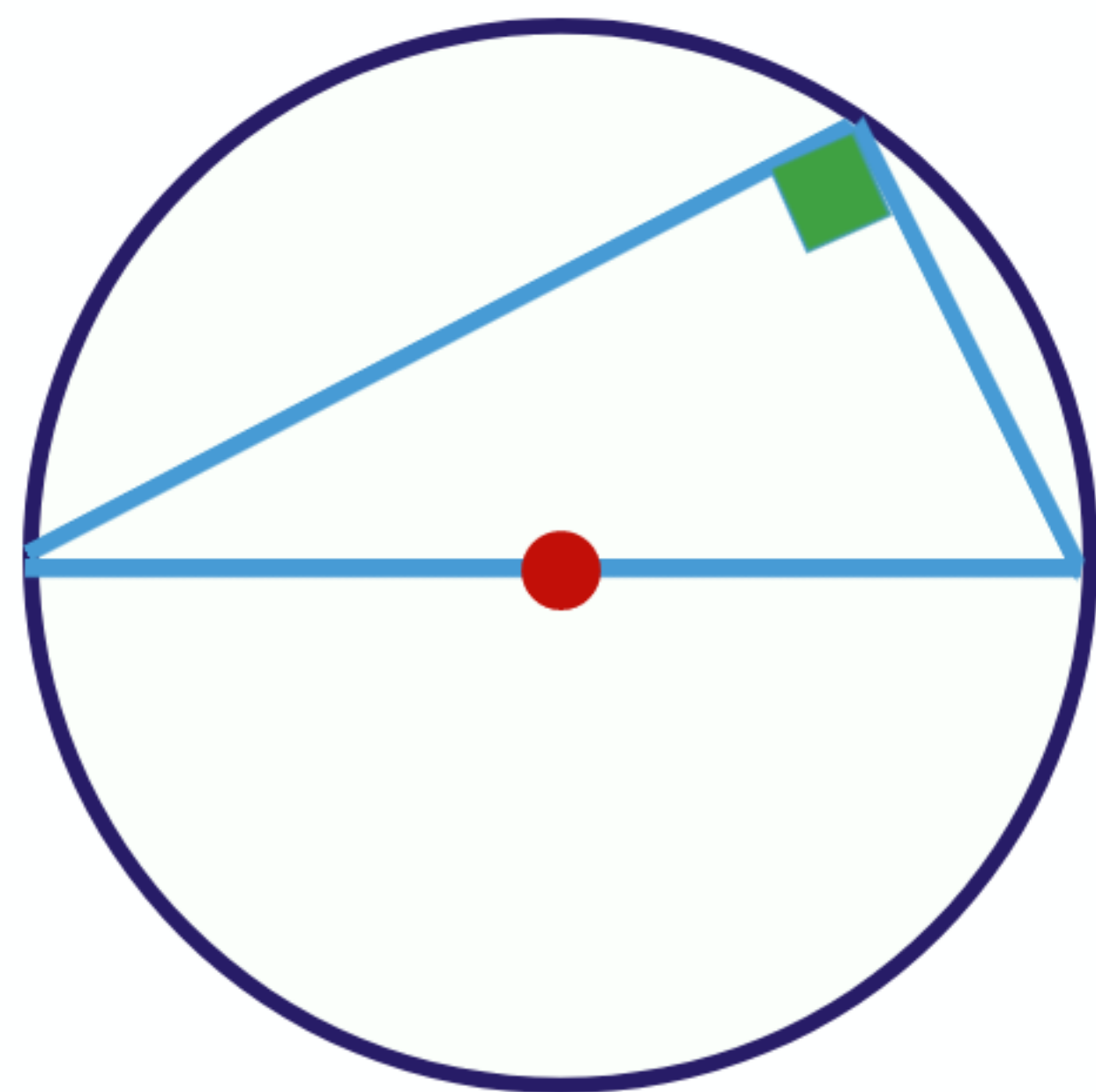
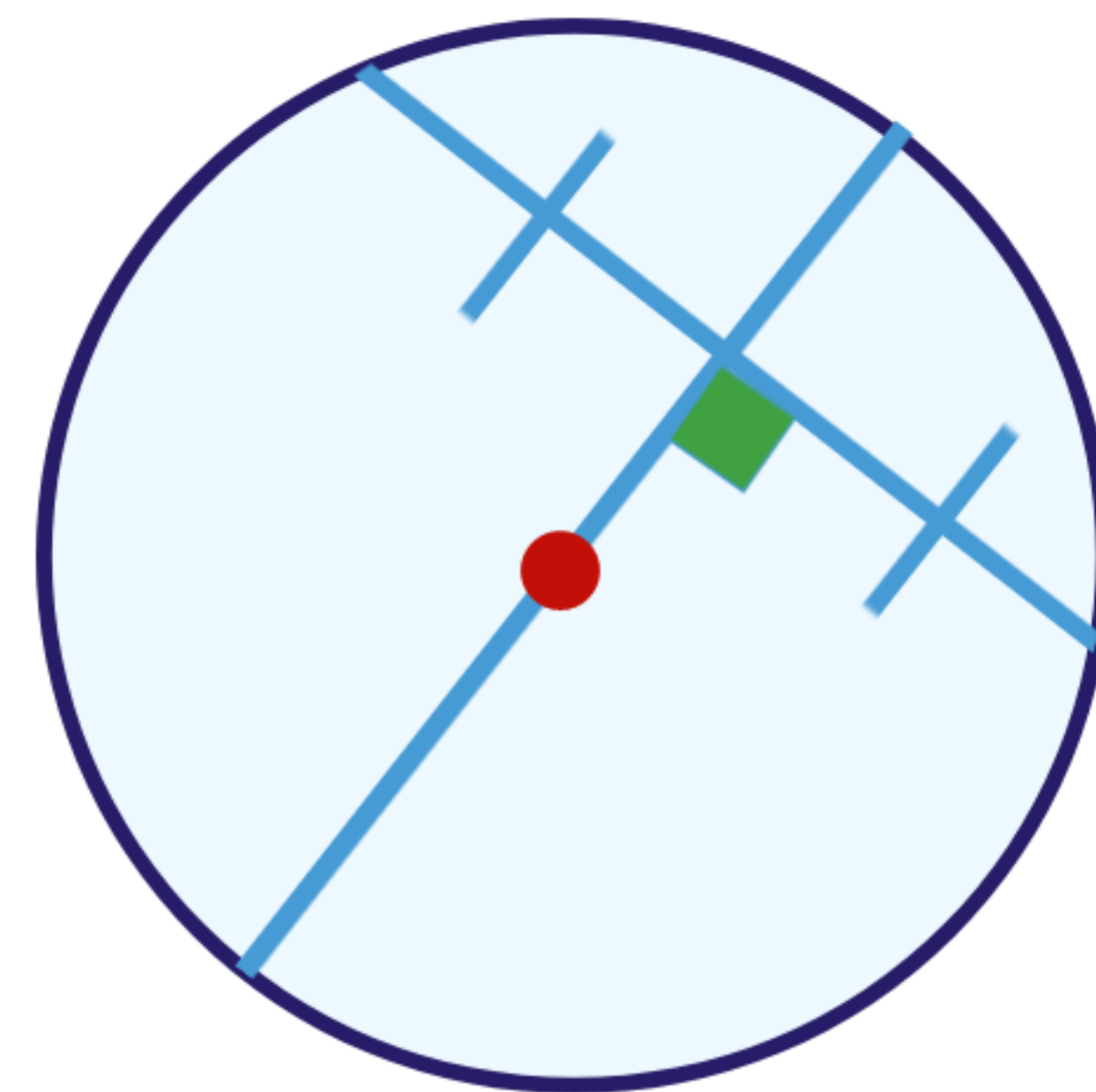


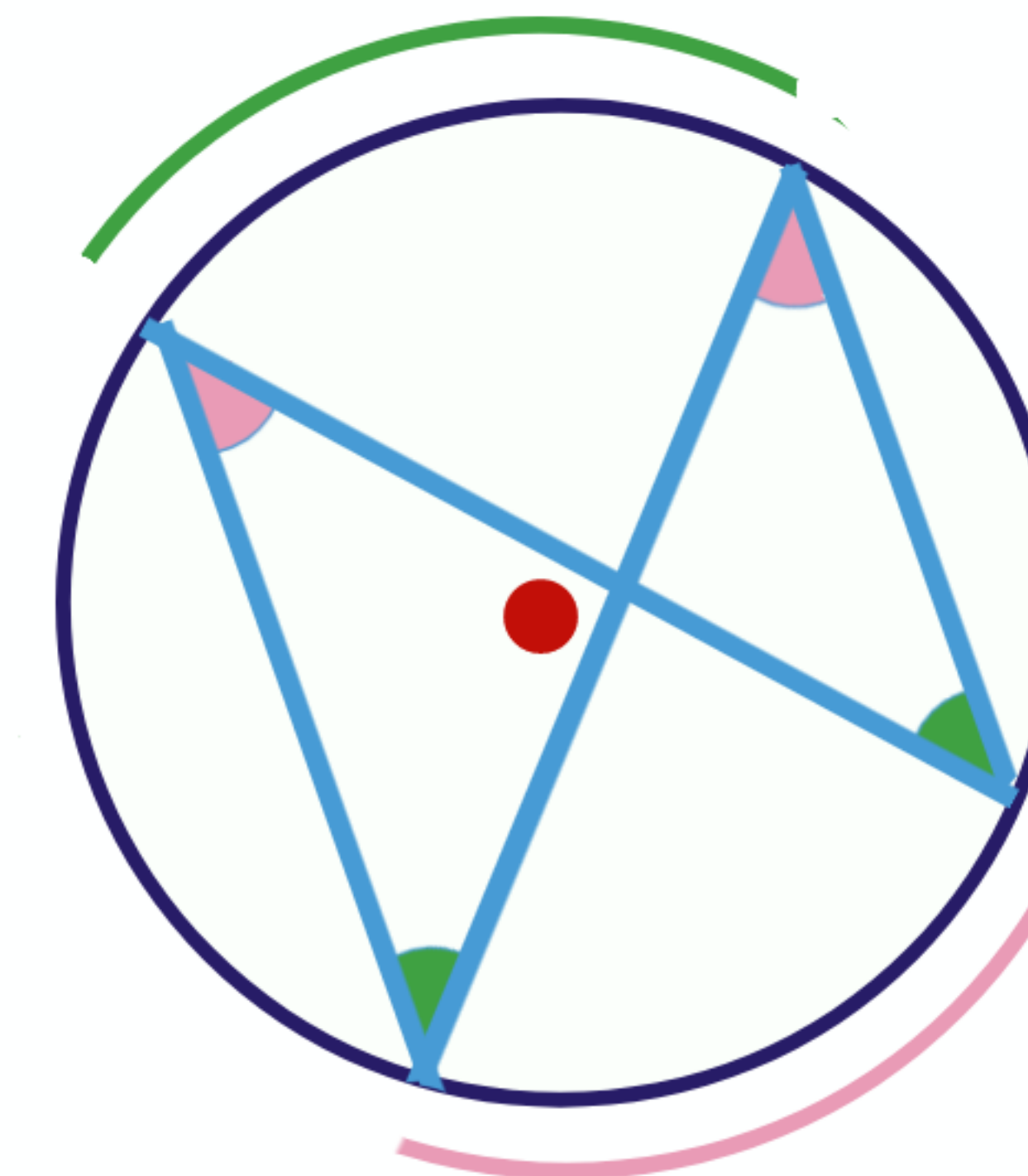
# Circle Theorems



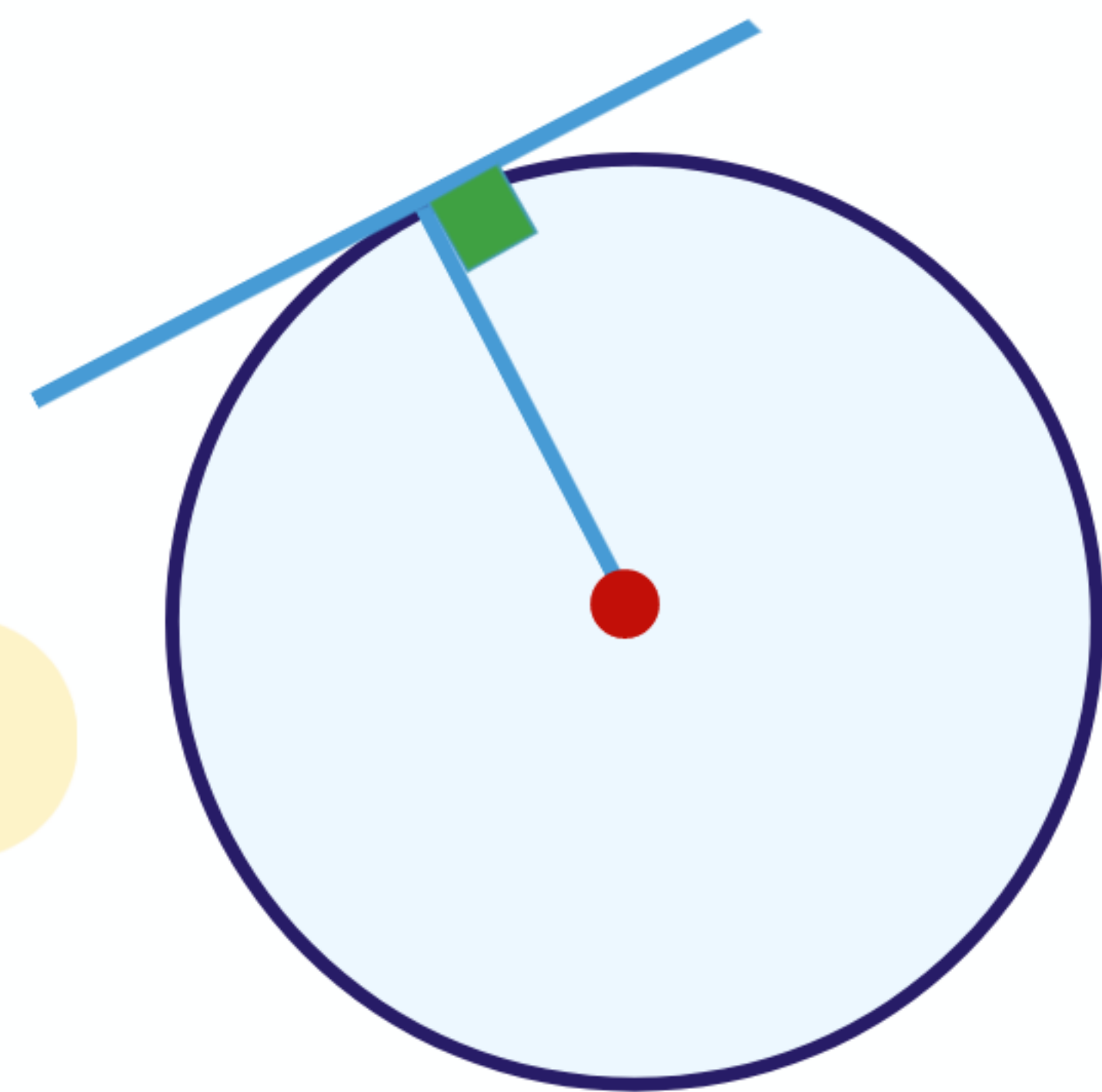
Angle in semicircle



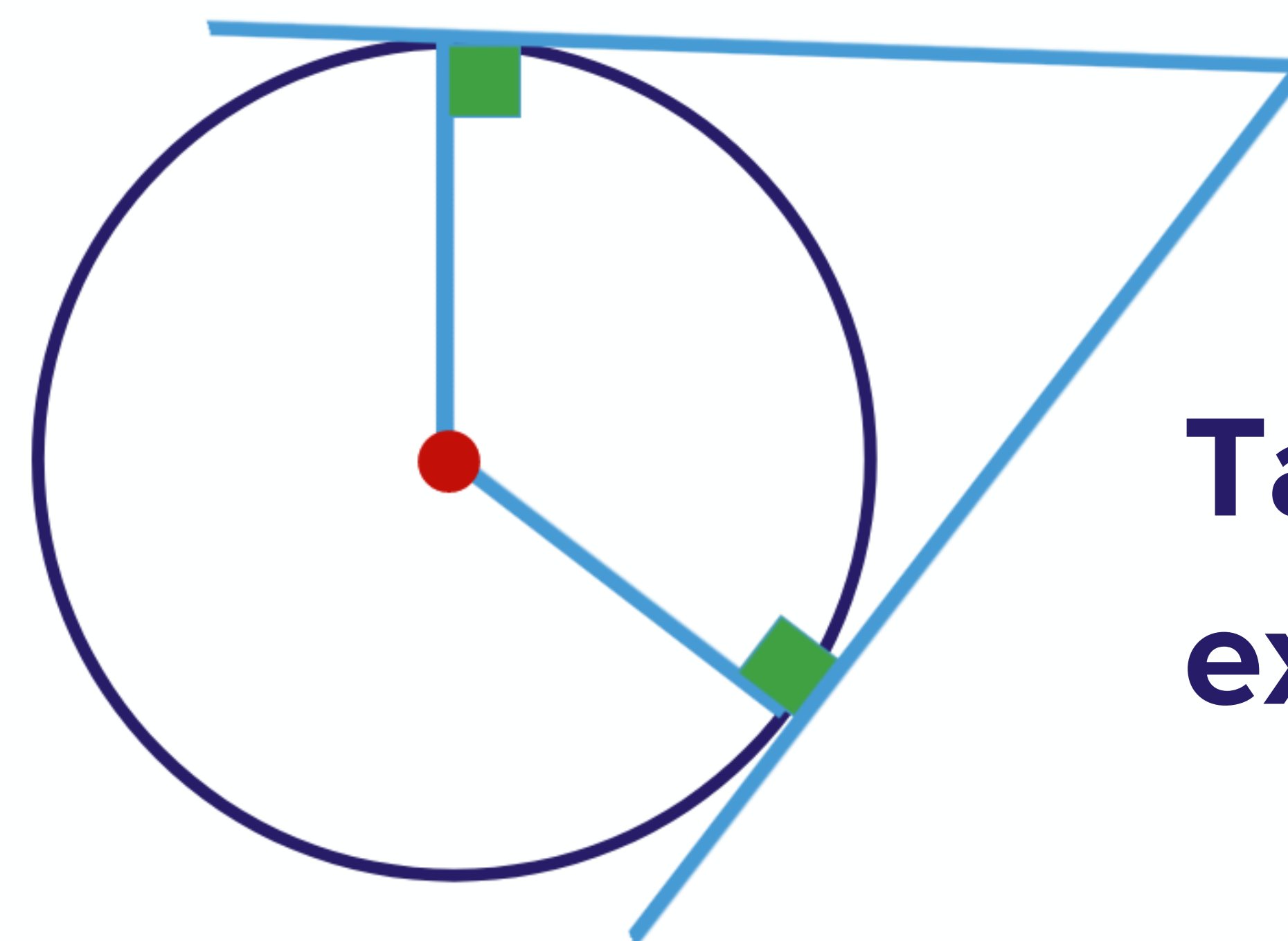
Perpendicular bisector of a chord



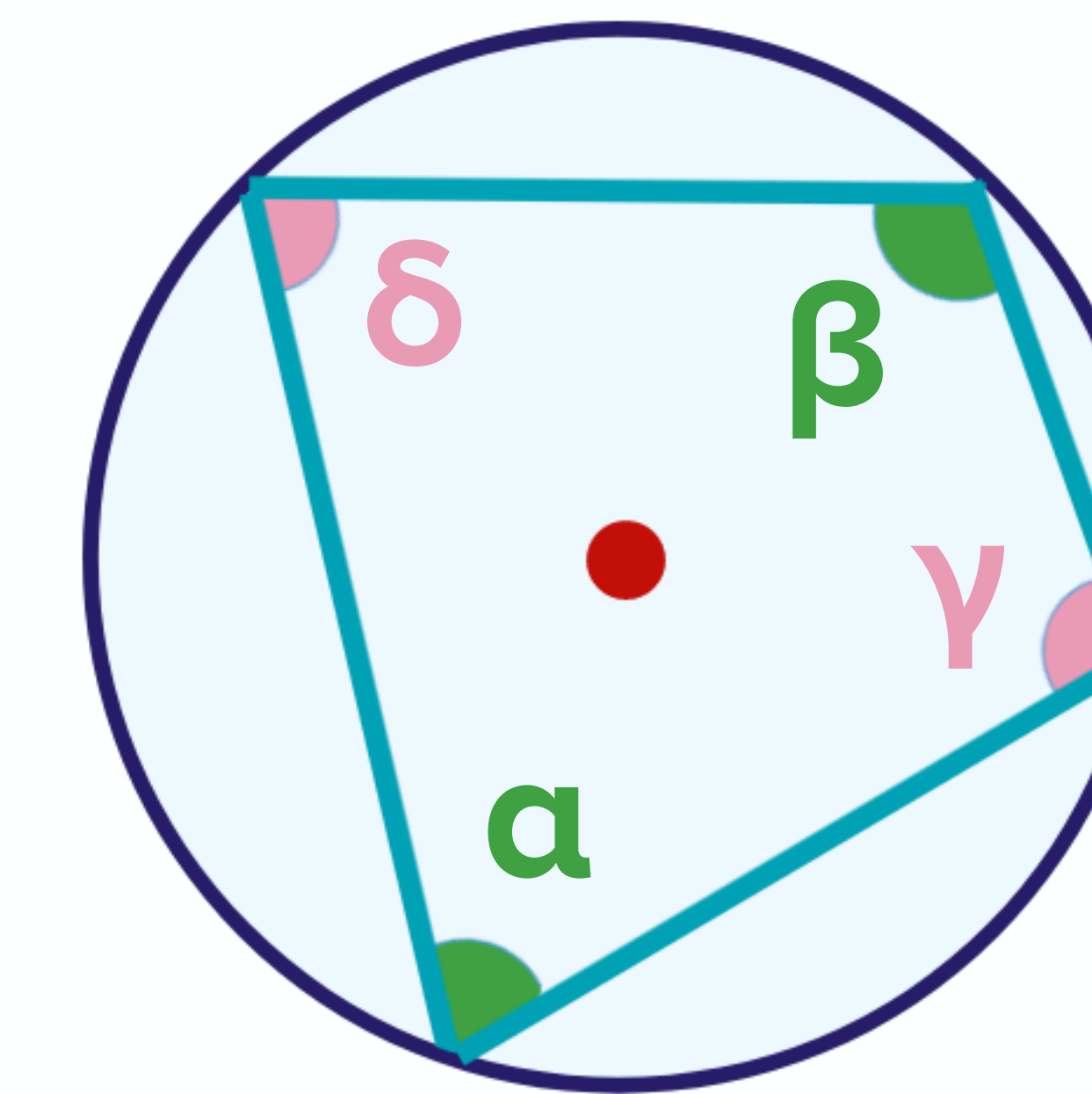
Angles on the same arc



Angle at tangent



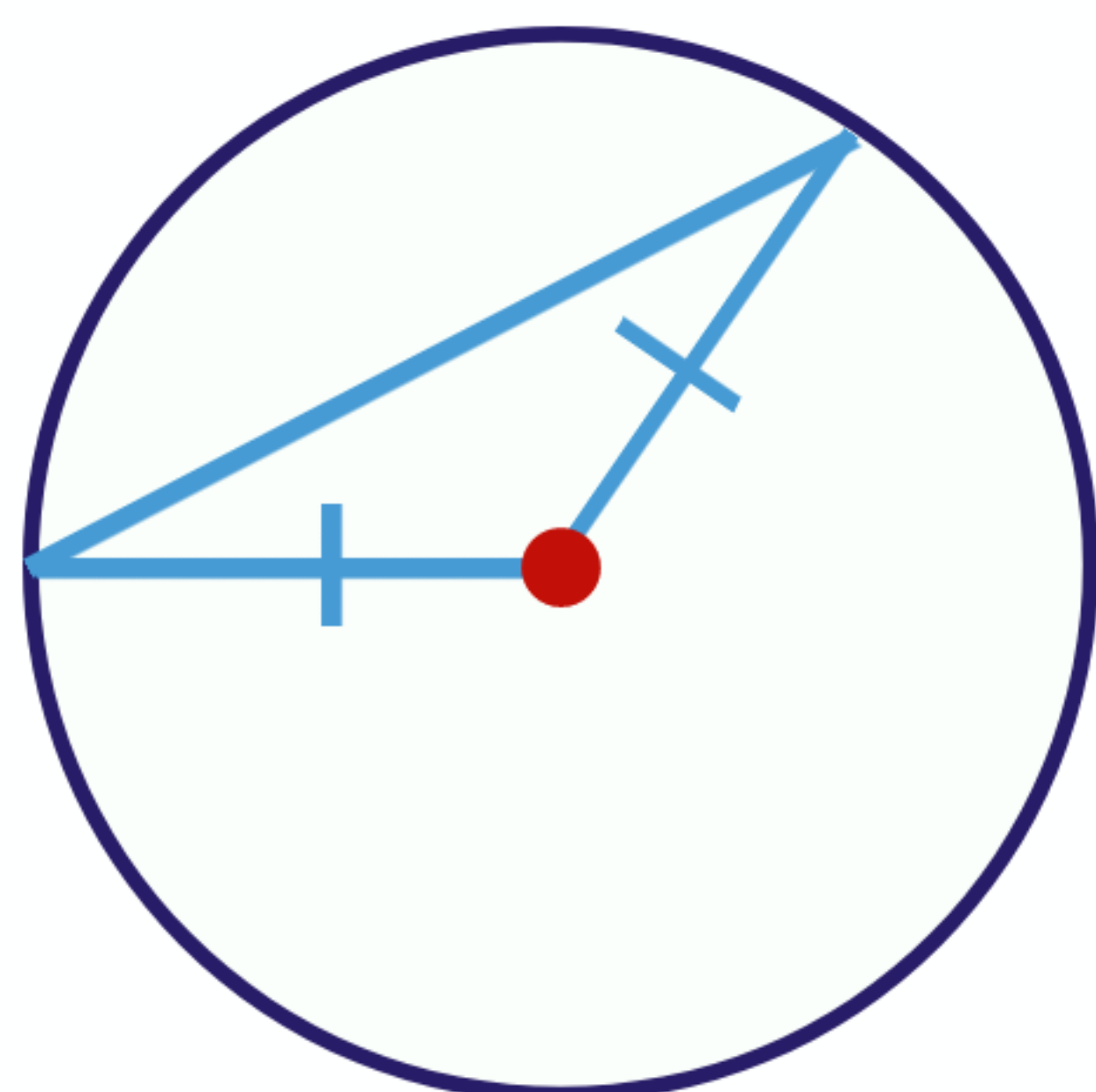
Tangents from external point



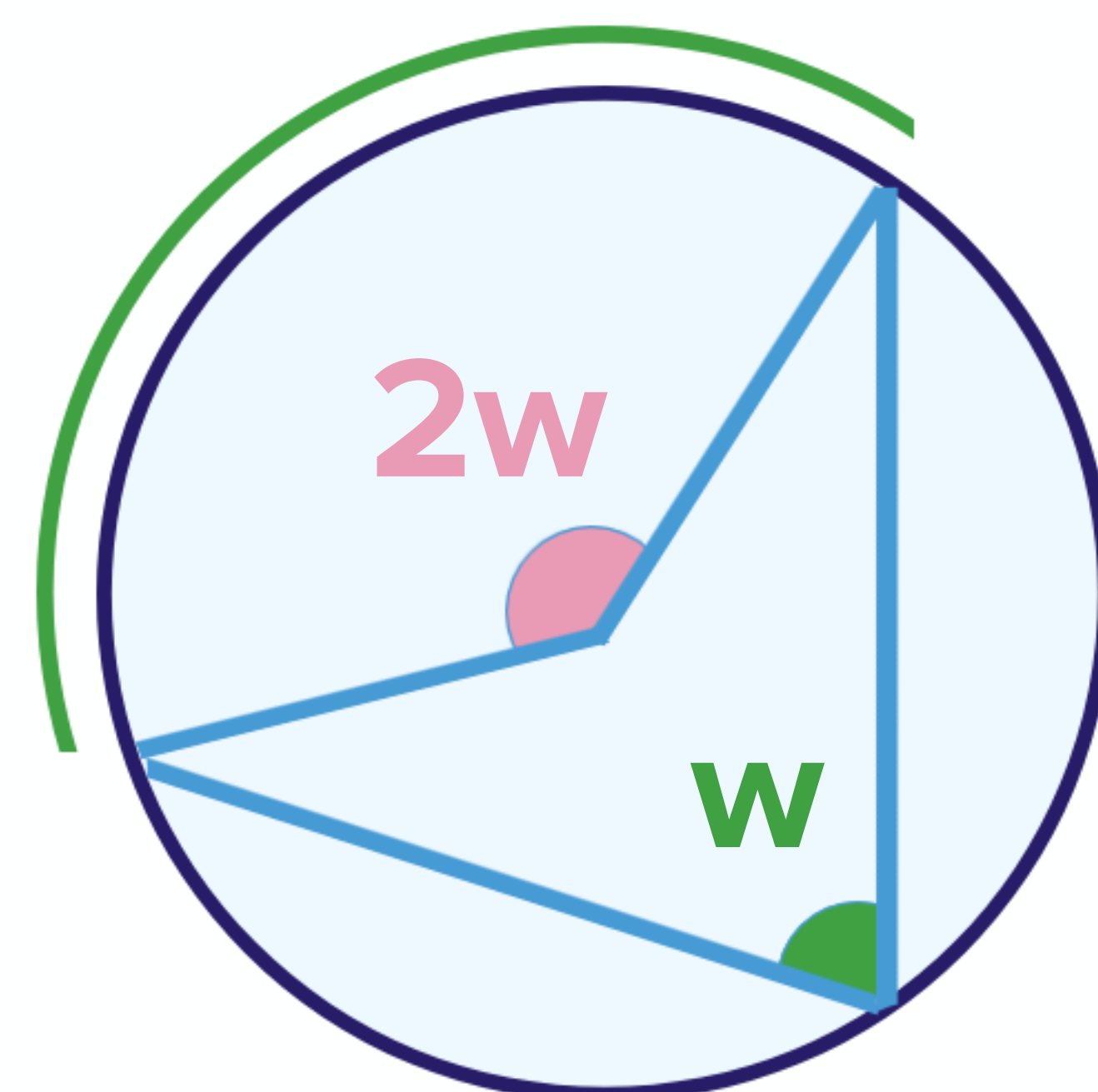
Cyclic quadrilateral

$$\alpha + \beta = 180^\circ$$

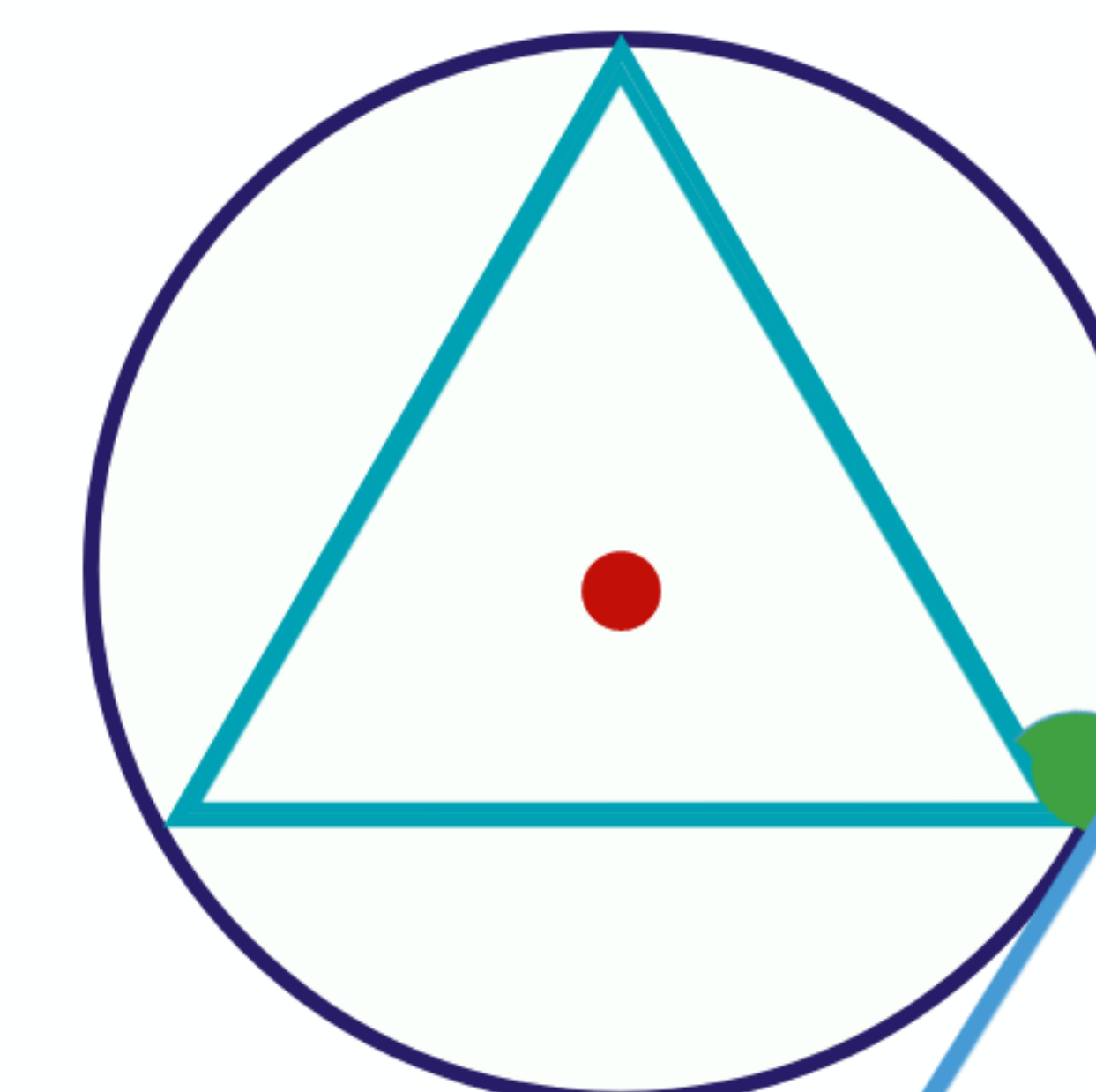
$$\gamma + \delta = 180^\circ$$



Isosceles triangle by radii



Angle at the centre



Alternate segment theorem

