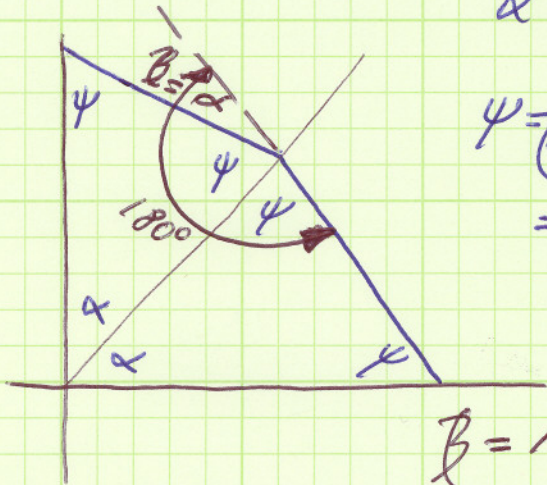


$$n = 8 (\text{octagon})$$

$$\alpha = \frac{360}{n} = 45^\circ$$

$$\psi = \left( \frac{180 - \alpha}{2} \right) \\ = 67.5^\circ$$



$$\beta = 180 - 2\psi \\ = 45^\circ \\ = \alpha$$