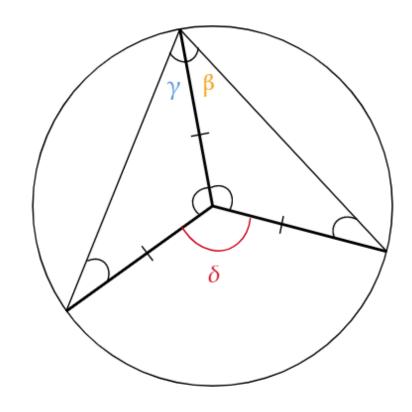


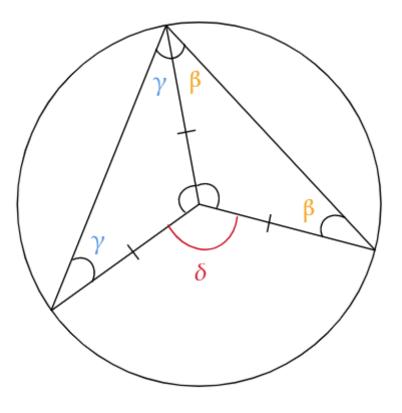
We have that  $\alpha=\gamma+\beta$  and  $\delta=2\alpha$ 

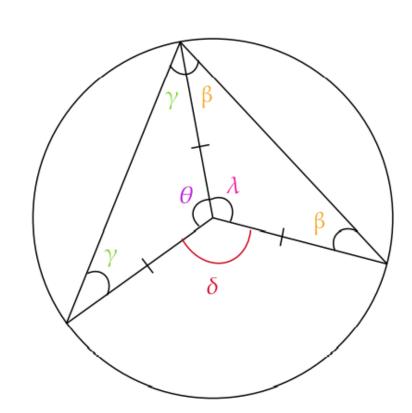
If we add a segment that goes
from the center to the cicle
border, we will have two triangles



As are inscribed angles, the bold lines have the same length which is the radius of the circle

Now we have two isosceles triangles, as they have two equal sides and two equal angles.





As the interior angles of a triangle add up to 180°

$$\Rightarrow \begin{array}{l} 2\gamma + \theta = 180^{\circ} \\ \theta = 180^{\circ} - 2\gamma \end{array} \wedge \begin{array}{l} 2\beta + \lambda = 180^{\circ} \\ \lambda = 180^{\circ} - 2\beta \end{array}$$

Remmembering that 
$$\alpha=\gamma+\beta$$
 and  $\delta=2\alpha$   $\Longrightarrow$   $\delta=2(\gamma+\beta)\over 2\alpha=2\alpha$ 

But a complete turn is 360° 
$$\delta = 360^{\circ} - \theta - \lambda$$
$$\delta = 360^{\circ} - (180^{\circ} - 2\gamma) - (180^{\circ} - 2\beta)$$
$$\delta = 360^{\circ} - 180^{\circ} + 2\gamma - 180^{\circ} + 2\beta$$
$$\delta = 2\gamma + 2\beta$$
$$\delta = 2(\gamma + \beta)$$

