The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.

원에 내접하는 사각형의 한 외각의 크기는 그 내대각의 크기와 같다.
(The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.)
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\[ \angle \alpha + \angle \gamma = 180^\circ \]
The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.

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(\text{Opposite angles of a cyclic quadrilateral add up to 180 degrees.})
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\[ \angle \alpha + \angle \gamma = 180^\circ \]
The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.

$$\angle \alpha + \angle \gamma = 180^\circ$$

$$\angle \gamma + \angle \beta = 180^\circ$$

"원에 내접하는 사각형에서 한 쌍의 대각의 크기의 합은 180도이다. (Opposite angles of a cyclic quadrilateral add up to 180 degrees.)"
The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.

\[ \angle \alpha + \angle \gamma = 180^\circ \]
\[ \angle \gamma + \angle \beta = 180^\circ \]
\[ \therefore \angle \alpha = \angle \beta \]

\[ \because \text{원에 내접하는 사각형에서 한 쌍의 대각의 크기의 합은 } 180\text{도이다.} \]
(Opposite angles of a cyclic quadrilateral add up to 180 degrees.)
The size of an exterior angle of a cyclic quadrilateral is equal to the size of its inner opposite angle.

Github:
https://min7014.github.io/math20200212001.html

Click or paste URL into the URL search bar, and you can see a picture moving.