When there is an intersection of two chords in a circle, products of distances from the intersection to two endpoints of each chord are equal.

한 원에서 두 현의 교점이 있을 때 두 현 교점으로부터 각 현의 두 끝점까지의 거리의 곱은 같다.

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\[ a : a' = b' : b \]
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\[ a : a' = b' : b \]
\[ a \times b = a' \times b' \]
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$\frac{a}{a'} = \frac{b'}{b}$

$a \times b = a' \times b'$
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**AA 닮음 (AA similarity)**

\[ a : a' = b' : b \]
\[ a \times b = a' \times b' \]
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AA 닫음
(\textit{AA similarity})
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$$a \times b = a' \times b'$$
When there is an intersection of two chords in a circle, products of distances from the intersection to two endpoints of each chord are equal.

Github:
https://min7014.github.io/math20200218001.html

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