톨레미의 정리

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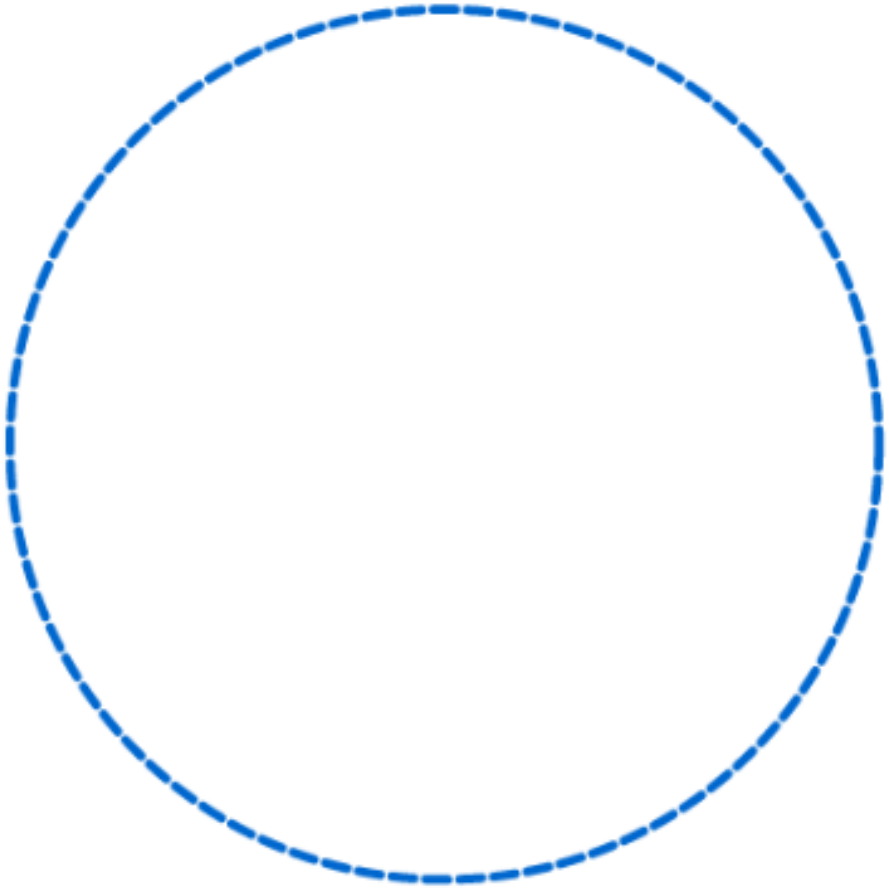

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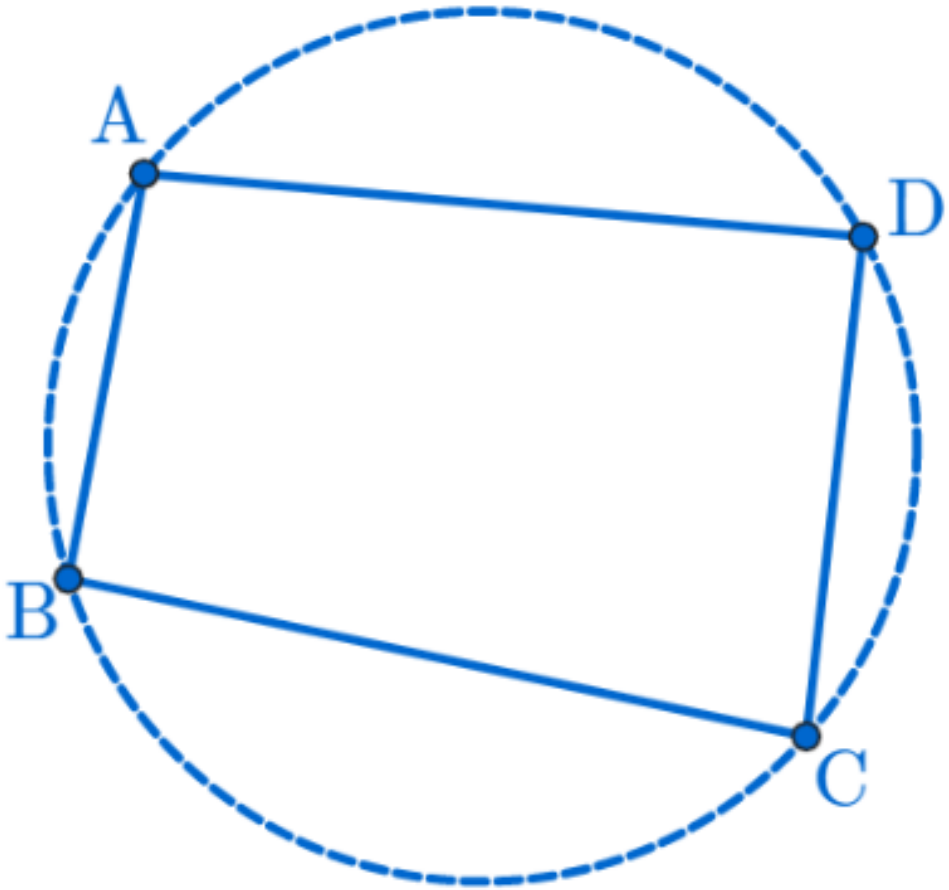

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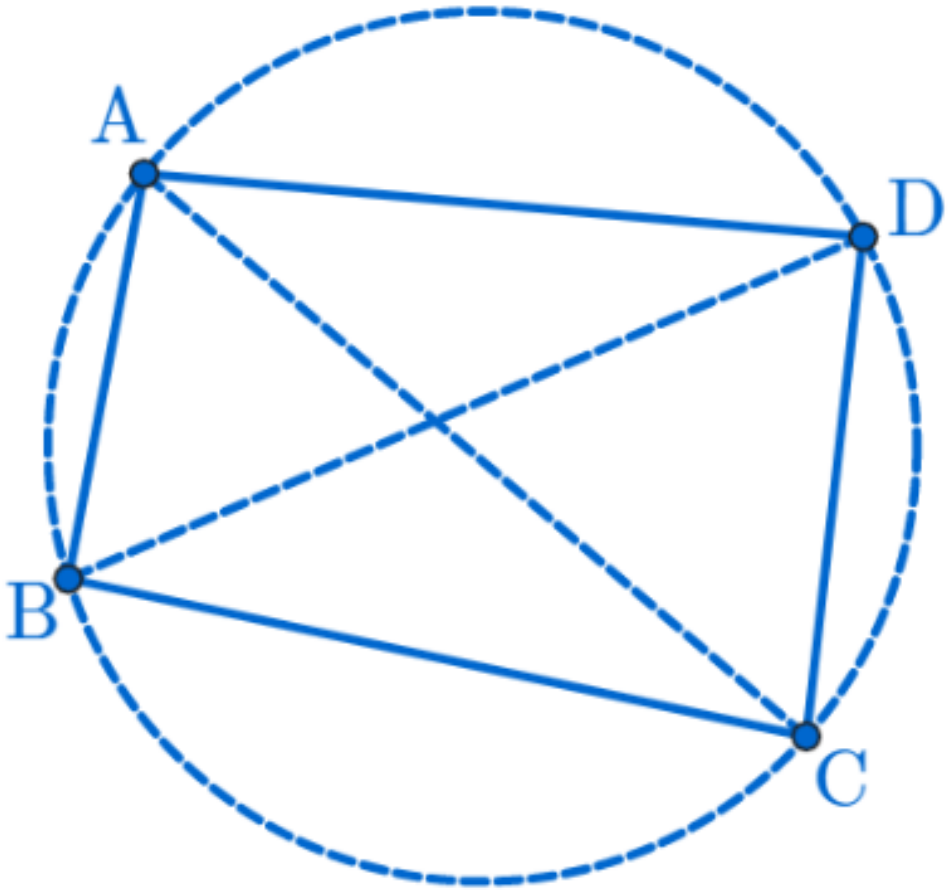

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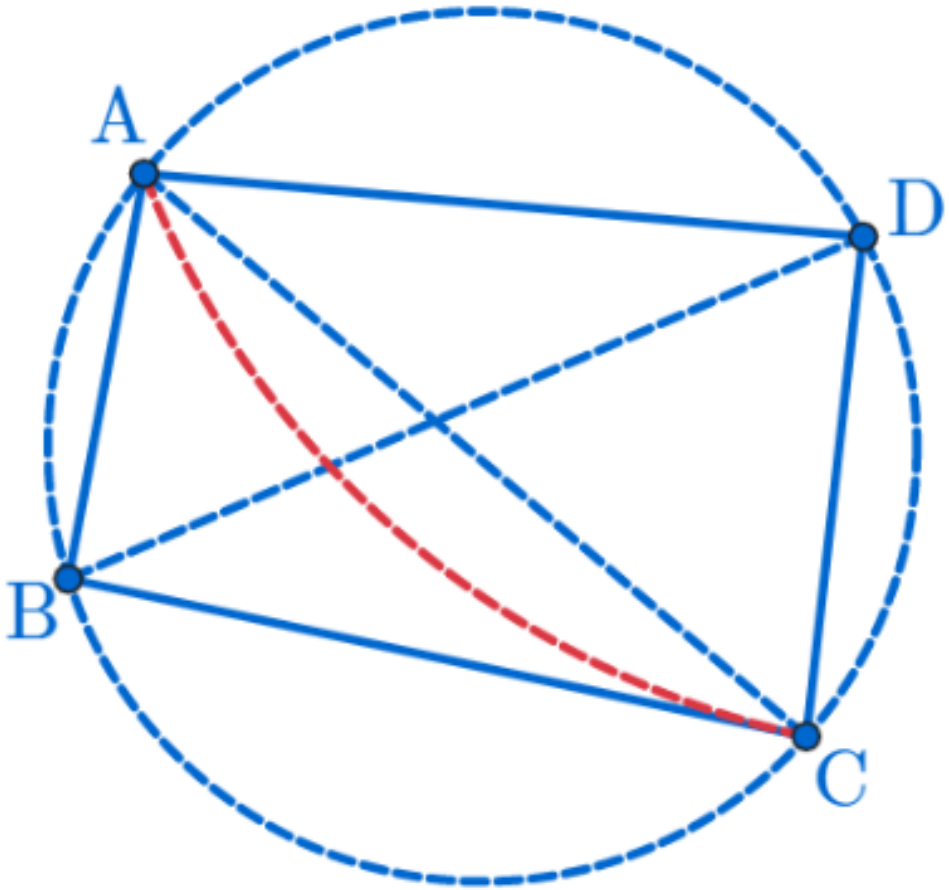
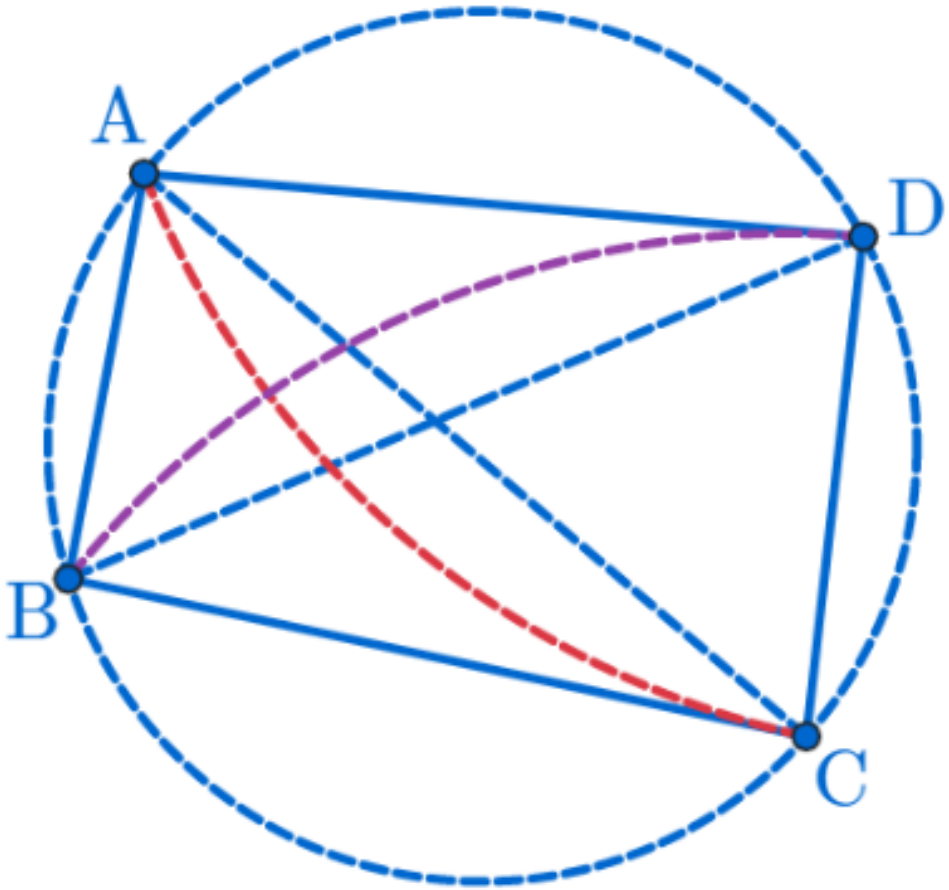


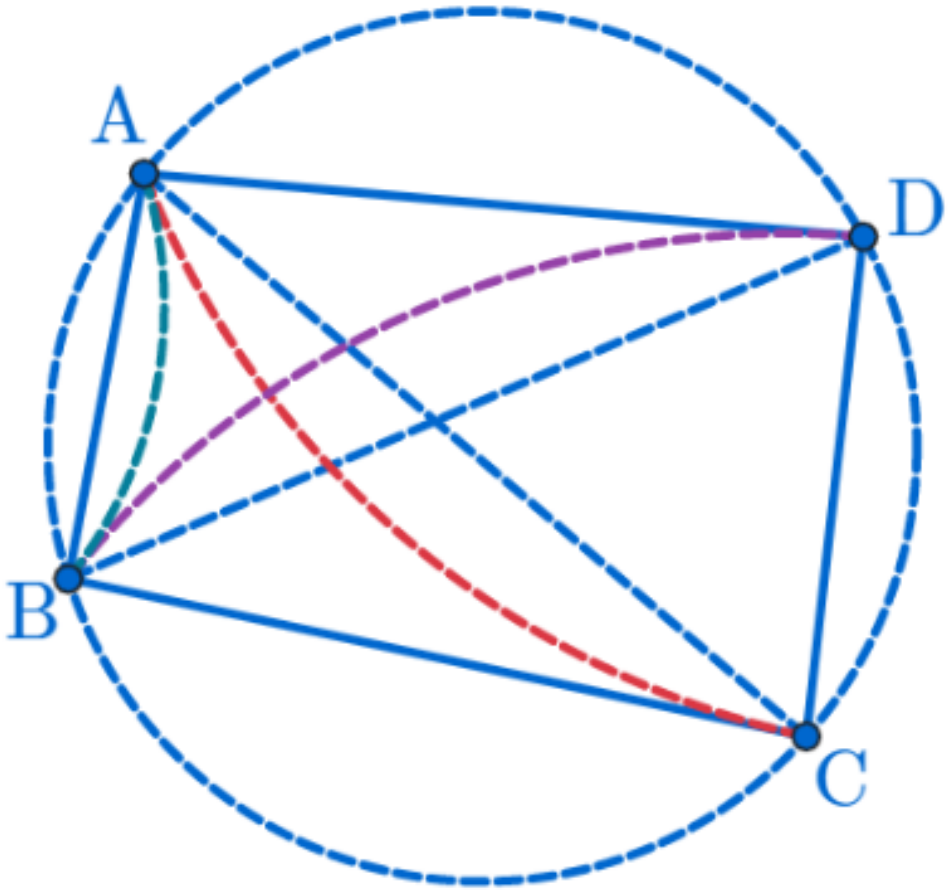
$\overline{AC}$

톨레미의 정리



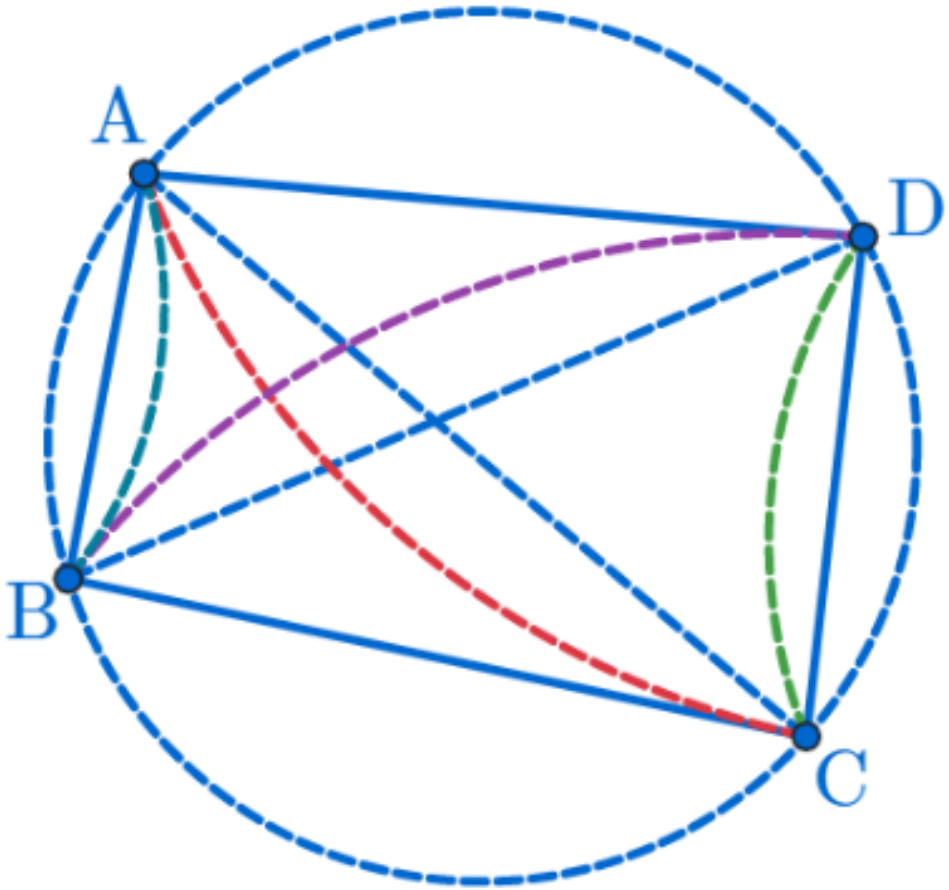
$\overline{AC} \cdot \overline{BD}$

톨레미의 정리



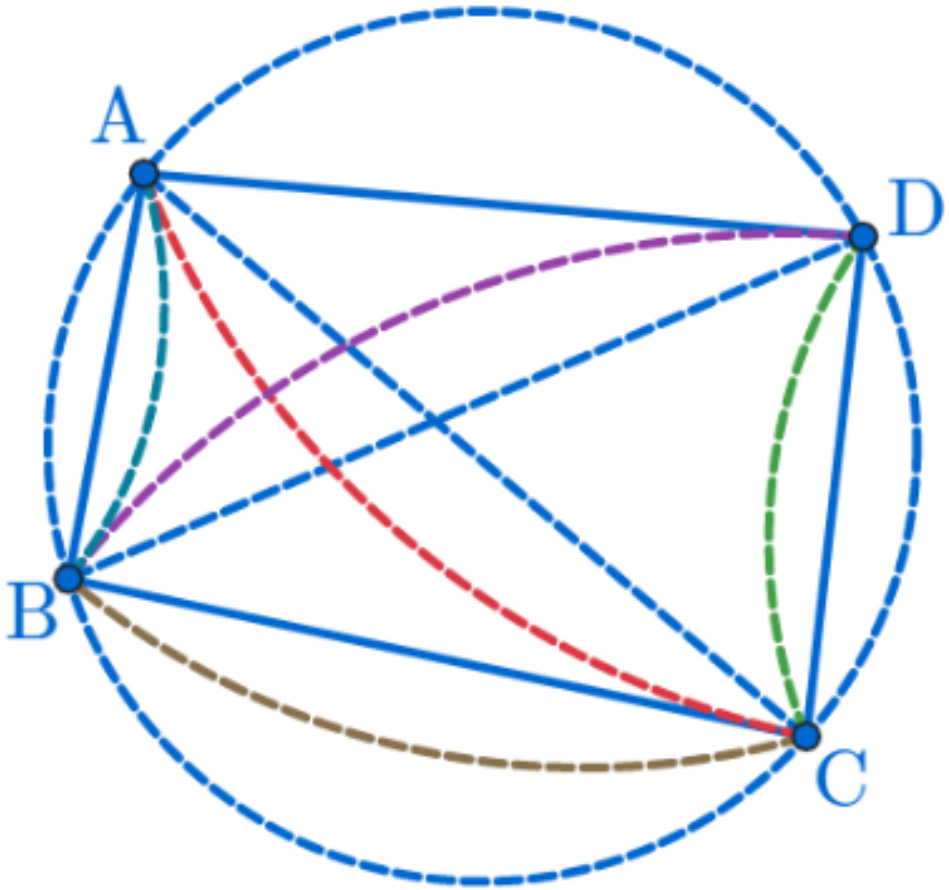
$$\overline{AC} \cdot \overline{BD} = \overline{AB}$$

톨레미의 정리



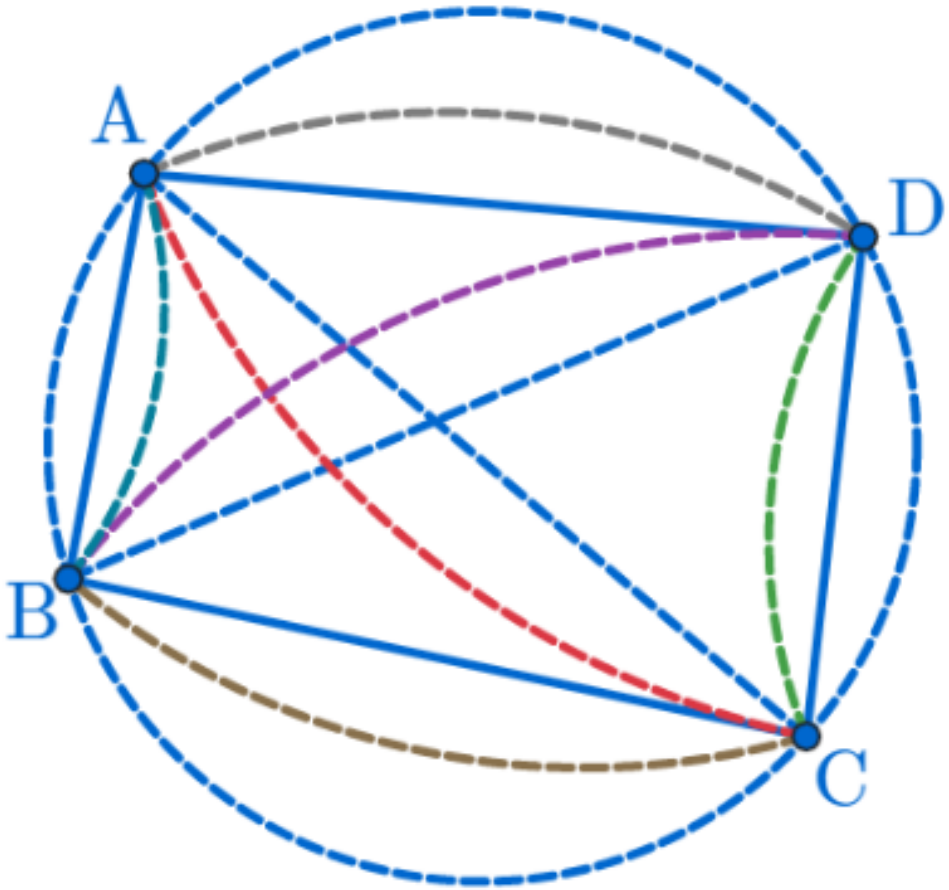
$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

톨레미의 정리



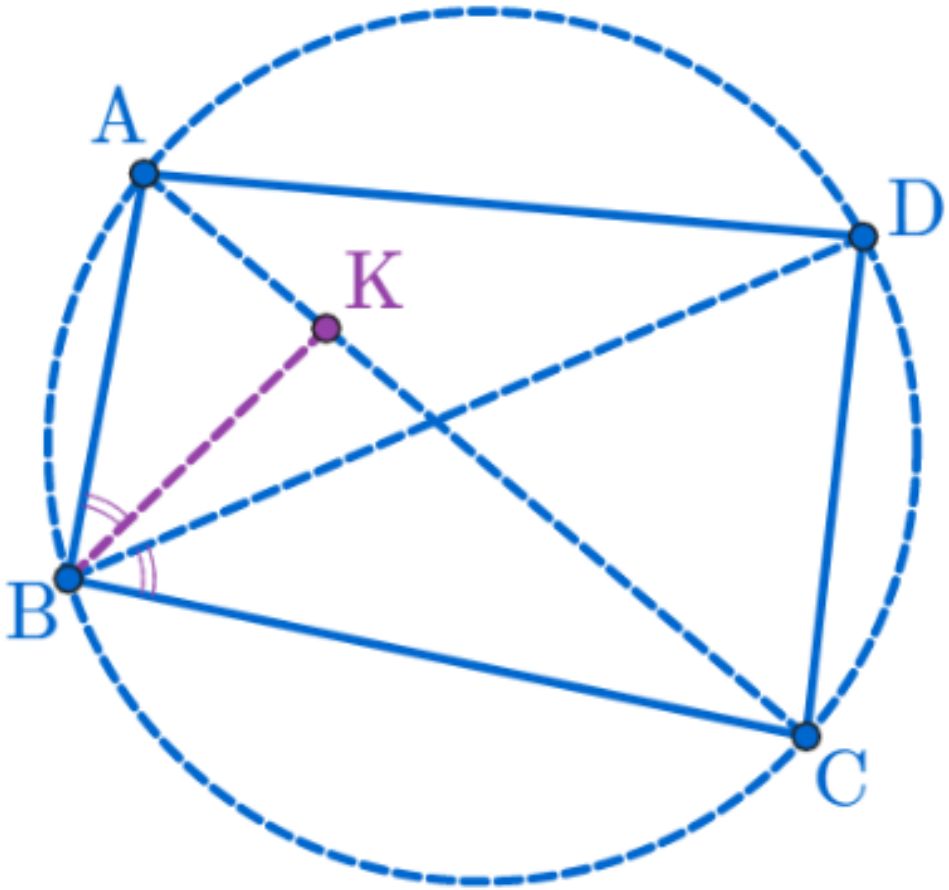
$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC}$$

톨레미의 정리



$$\overline{AC}\cdot\overline{BD} = \overline{AB}\cdot\overline{CD} + \overline{BC}\cdot\overline{DA}$$

톨레미의 정리



$$\overline{AC}\cdot\overline{BD} = \overline{AB}\cdot\overline{CD} + \overline{BC}\cdot\overline{DA}$$

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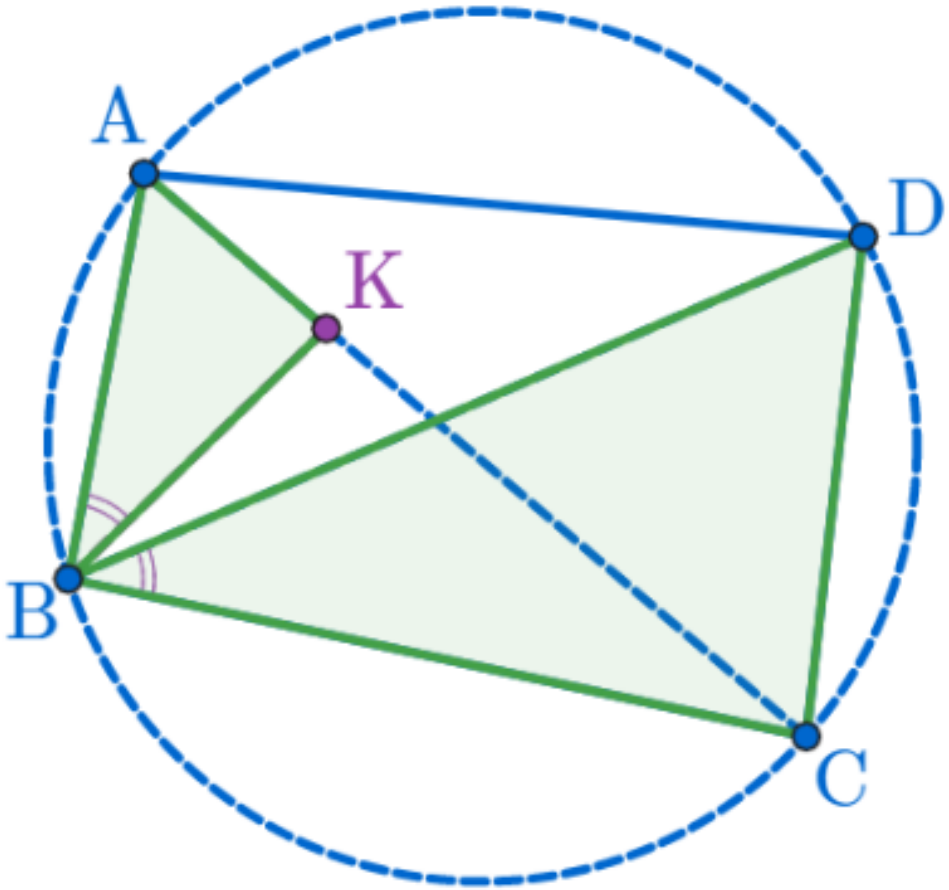

$$\overline{AC}\cdot\overline{BD} = \overline{AB}\cdot\overline{CD} + \overline{BC}\cdot\overline{DA}$$

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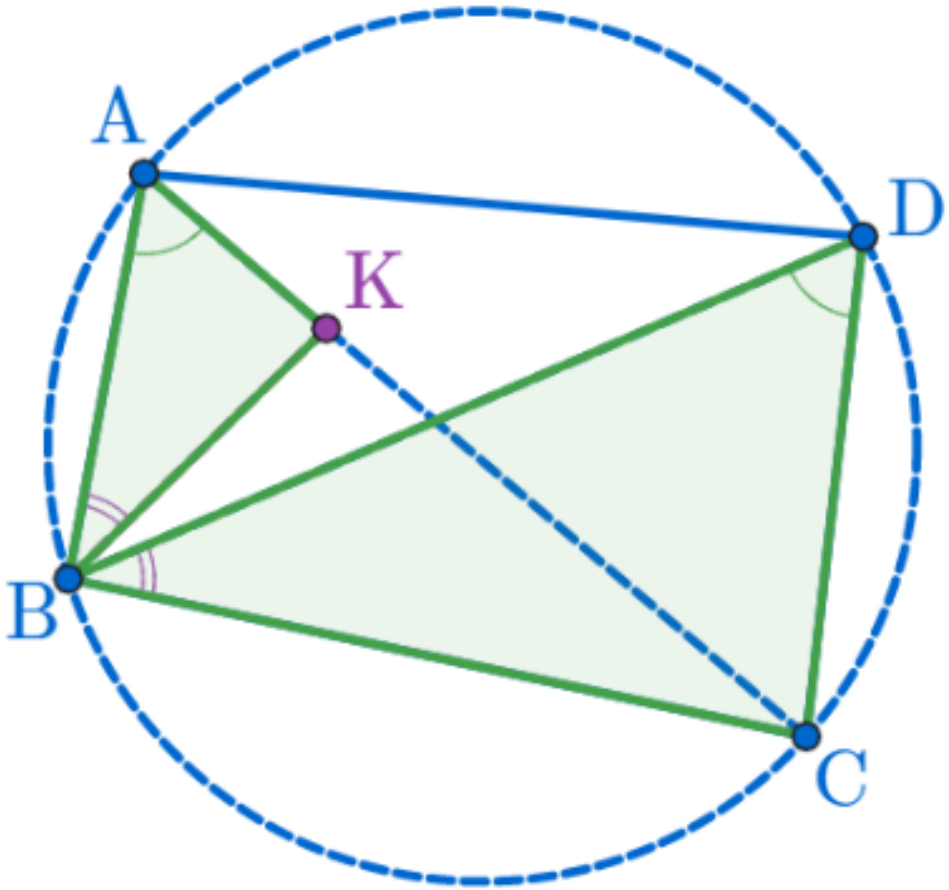
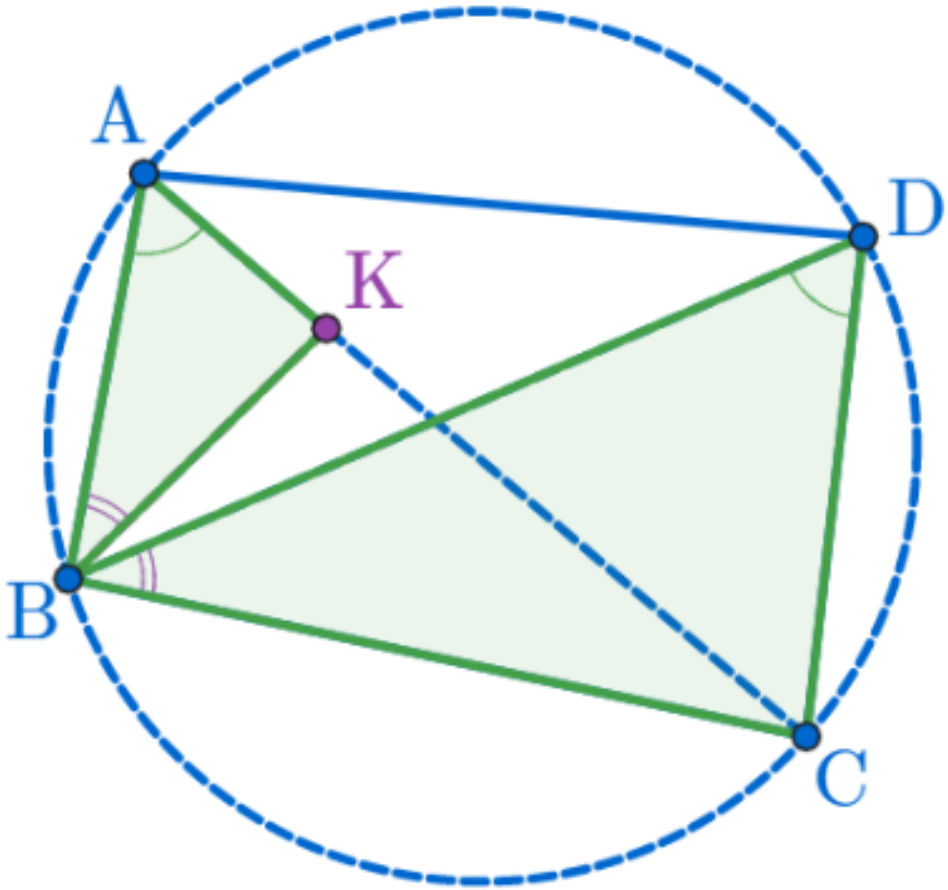


$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

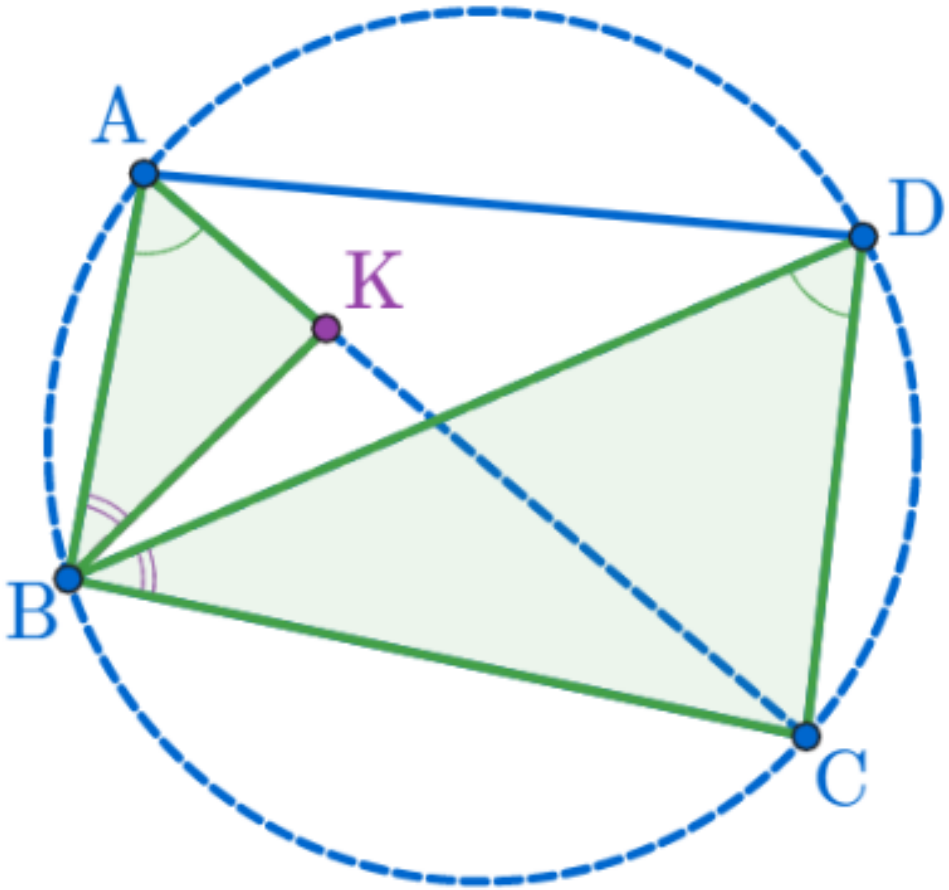
톨레미의 정리



$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

톨레미의 정리



$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

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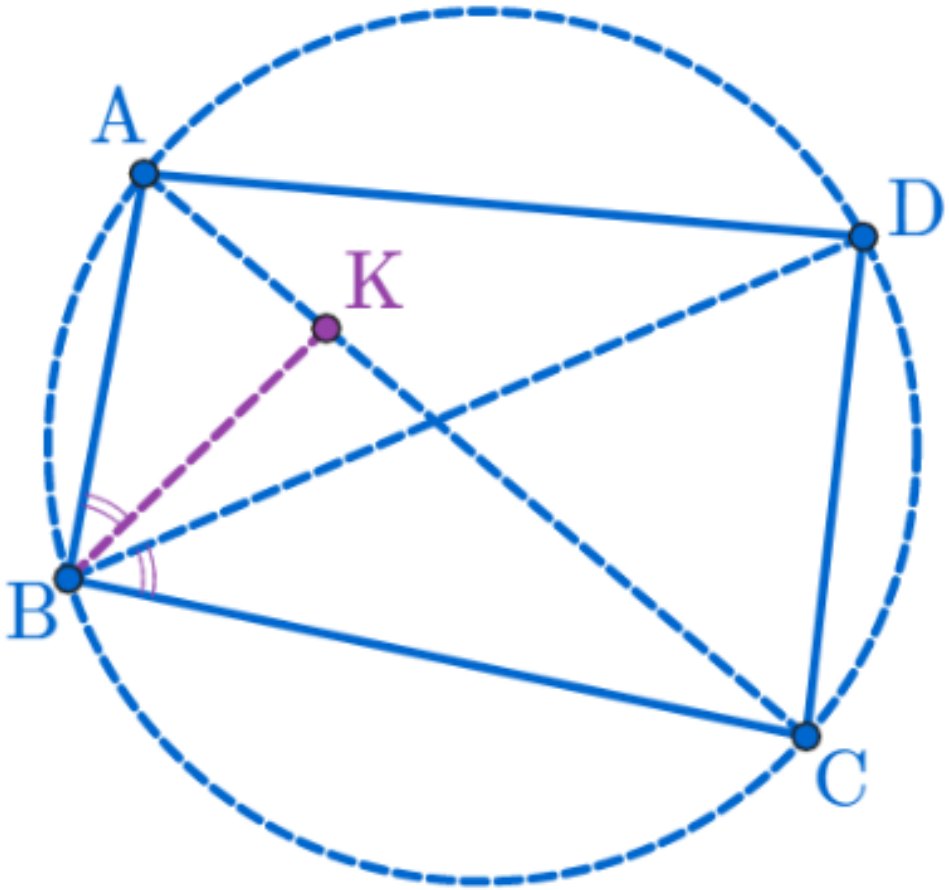

$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

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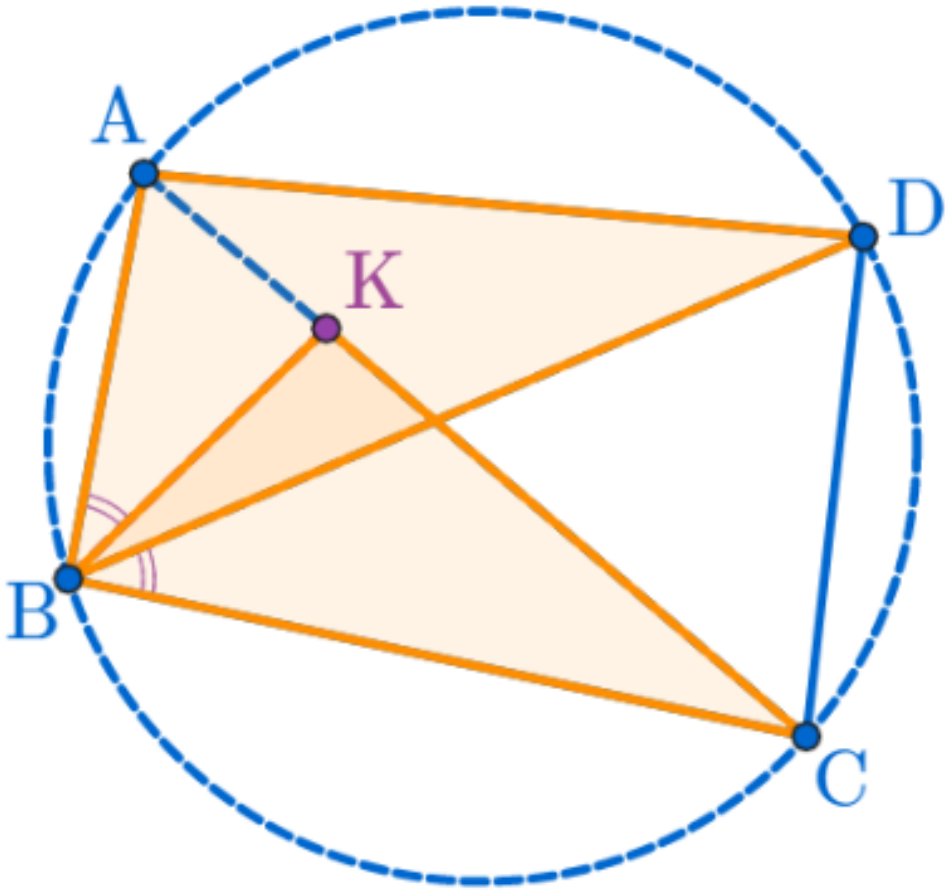

$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

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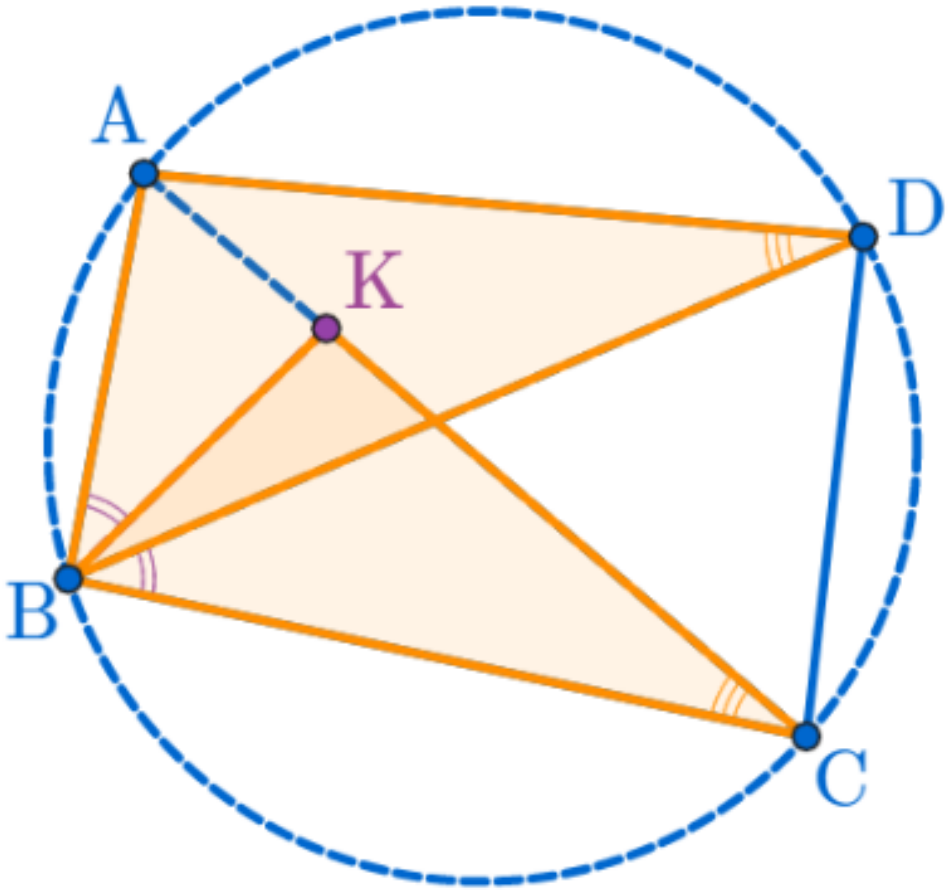
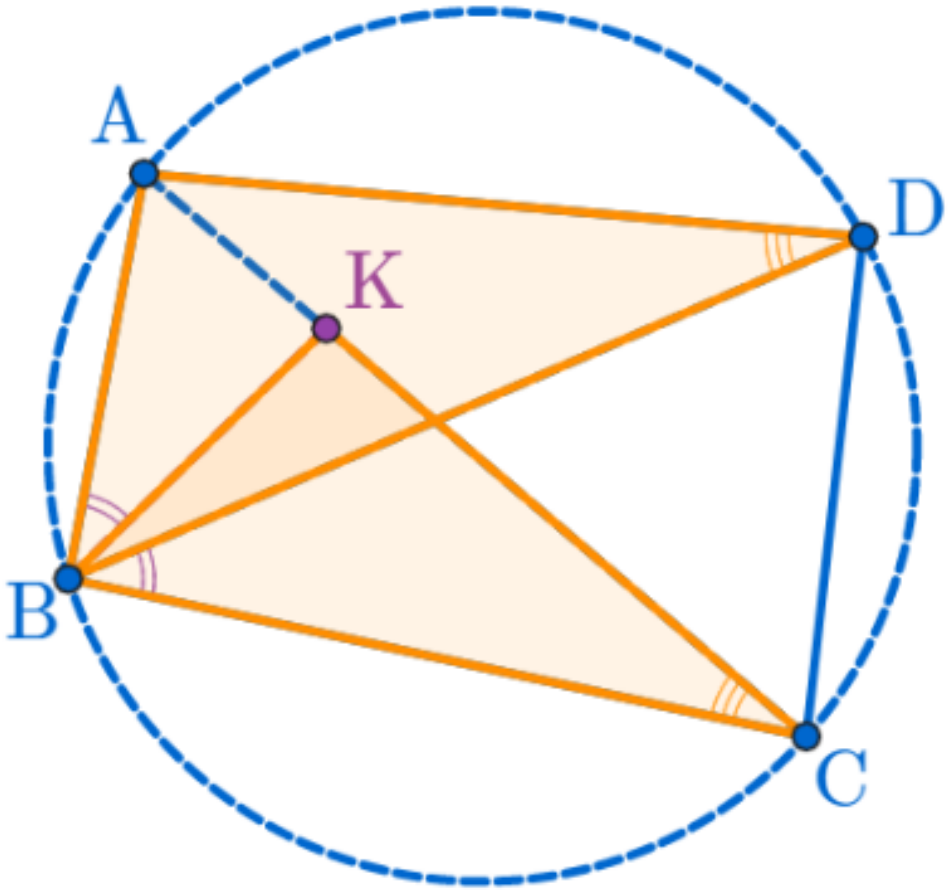


$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

톨레미의 정리



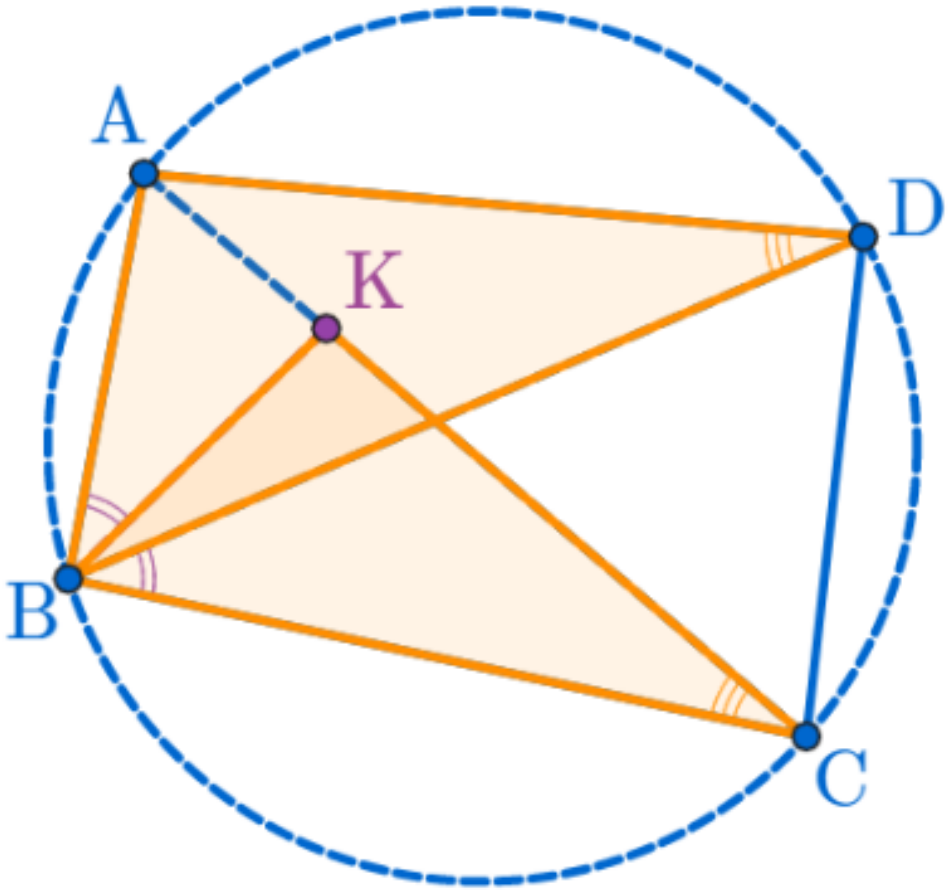
$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{DA} : \overline{BD} = \overline{KC} : \overline{BC}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

톨레미의 정리



$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

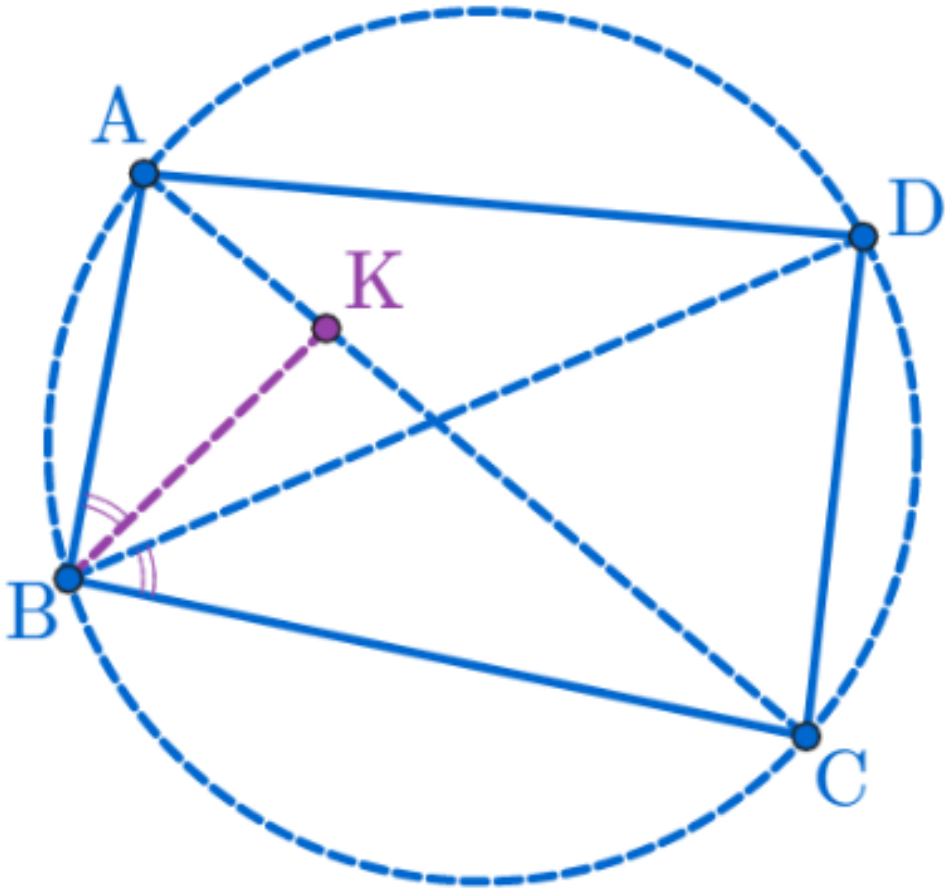
$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{DA} : \overline{BD} = \overline{KC} : \overline{BC}$$

$$\overline{KC} \cdot \overline{BD} = \overline{BC} \cdot \overline{DA}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

톨레미의 정리



$$\overline{AB} : \overline{AK} = \overline{BD} : \overline{CD}$$

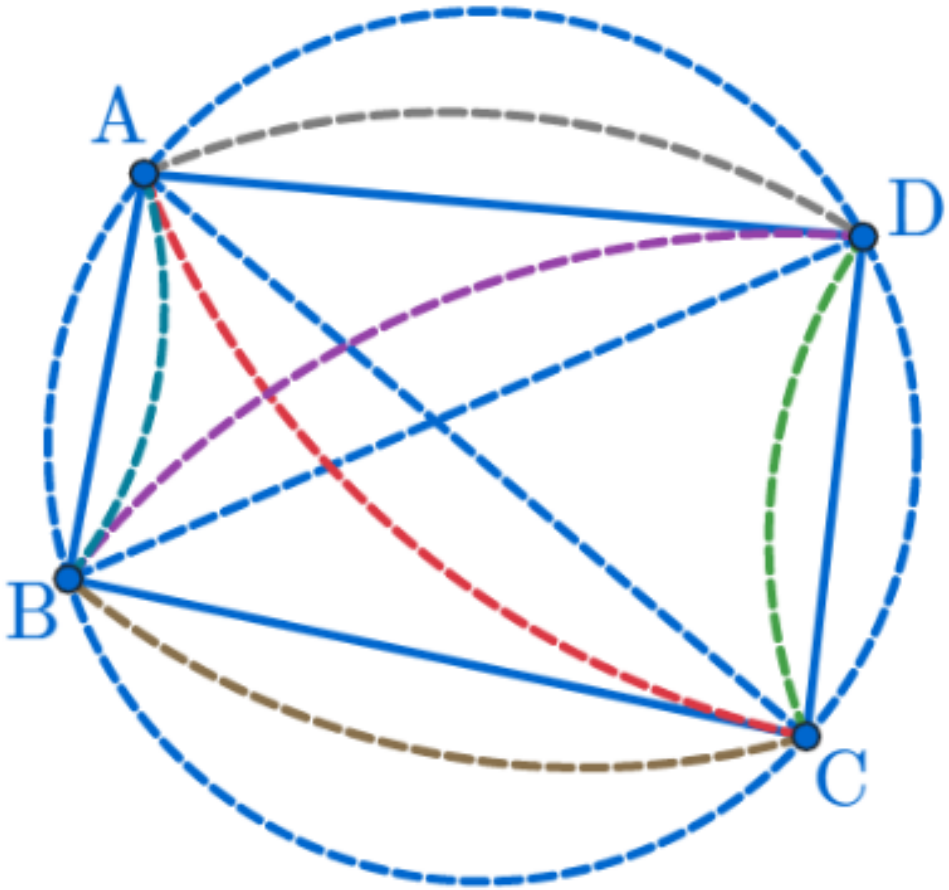
$$\overline{AK} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD}$$

$$\overline{DA} : \overline{BD} = \overline{KC} : \overline{BC}$$

$$\overline{KC} \cdot \overline{BD} = \overline{BC} \cdot \overline{DA}$$

$$\overline{AC} \cdot \overline{BD} = \overline{AB} \cdot \overline{CD} + \overline{BC} \cdot \overline{DA}$$

톨레미의 정리



$$\overline{AC}\cdot\overline{BD} = \overline{AB}\cdot\overline{CD} + \overline{BC}\cdot\overline{DA}$$