게르곤느의 정리

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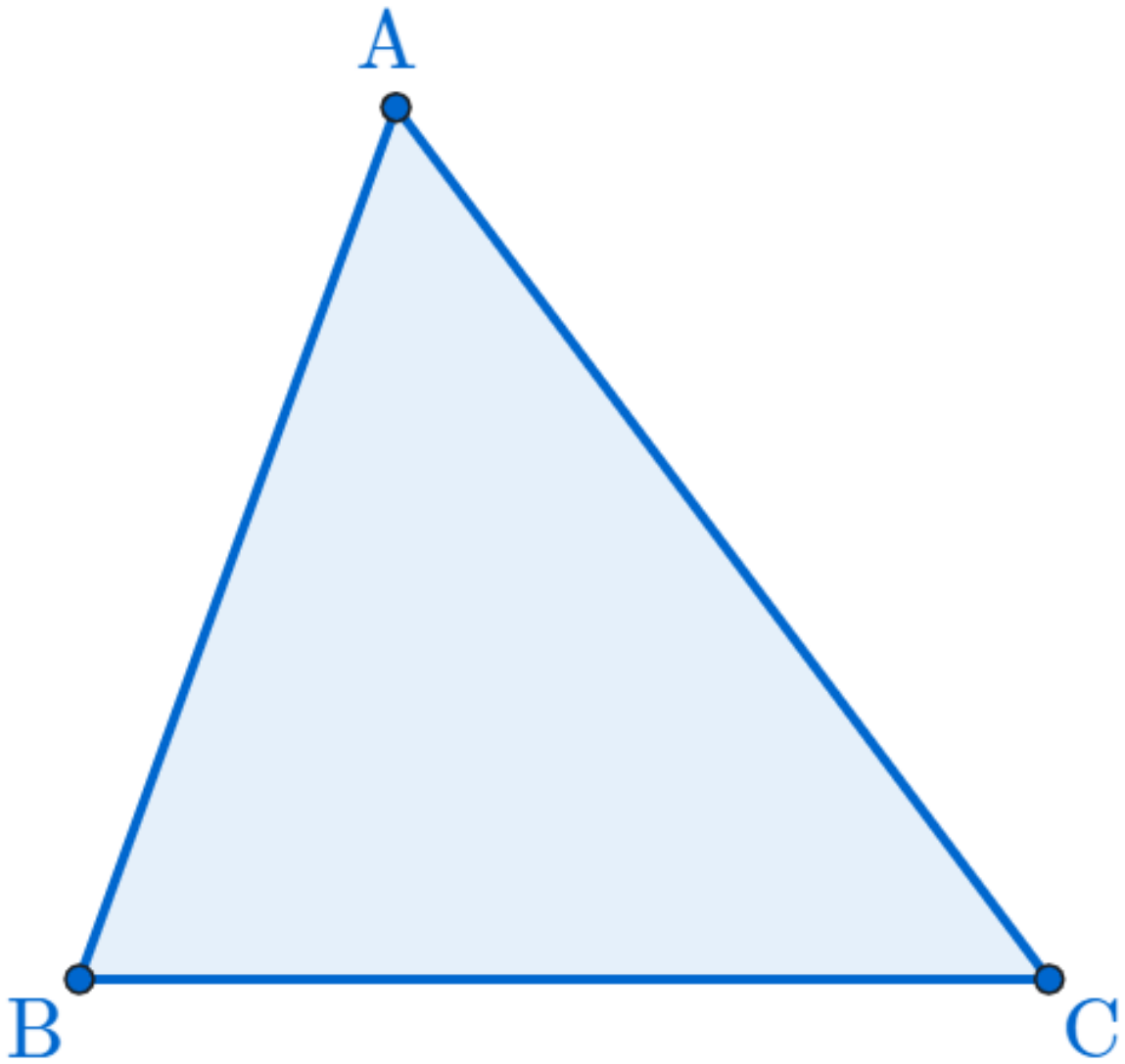

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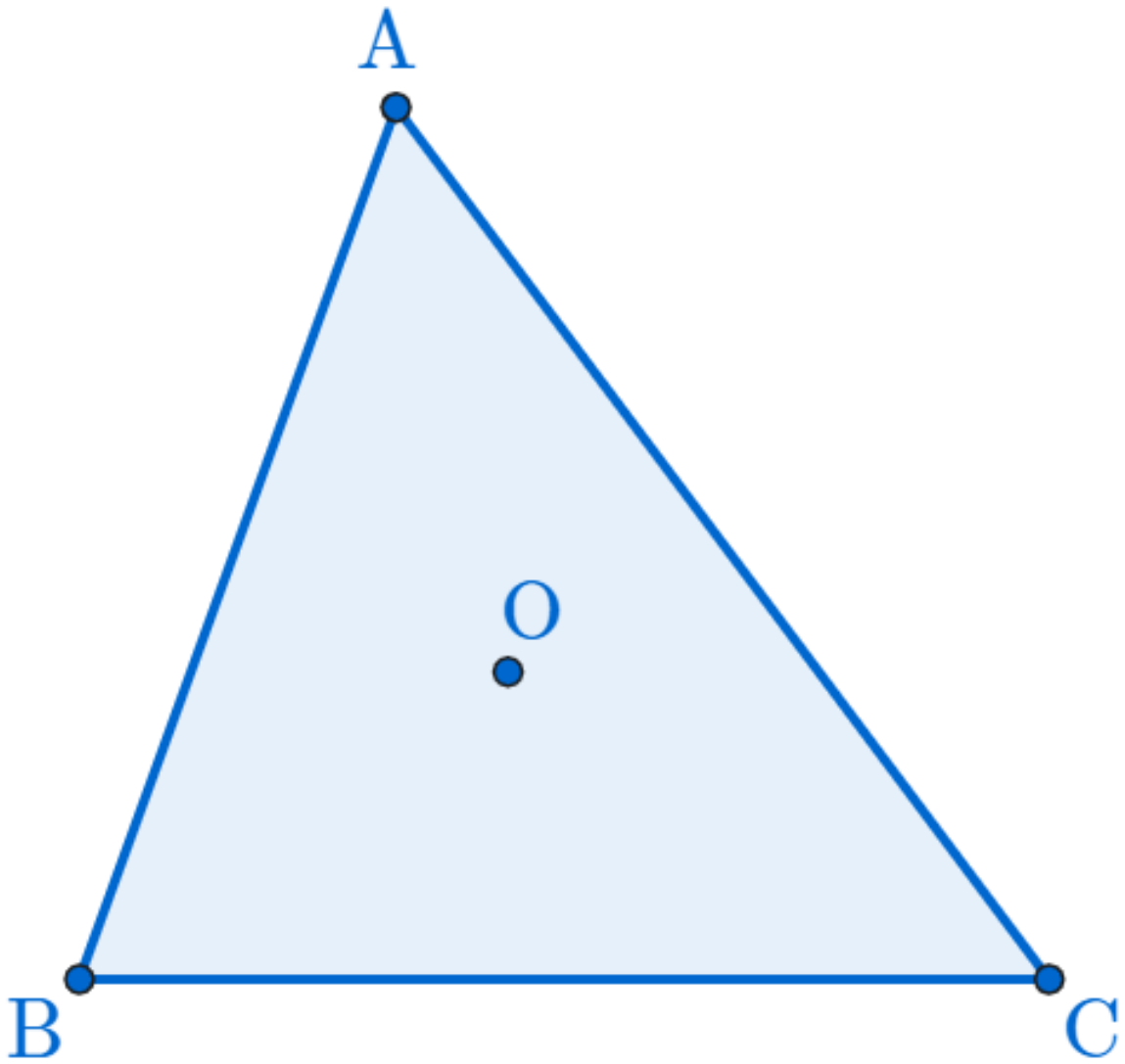

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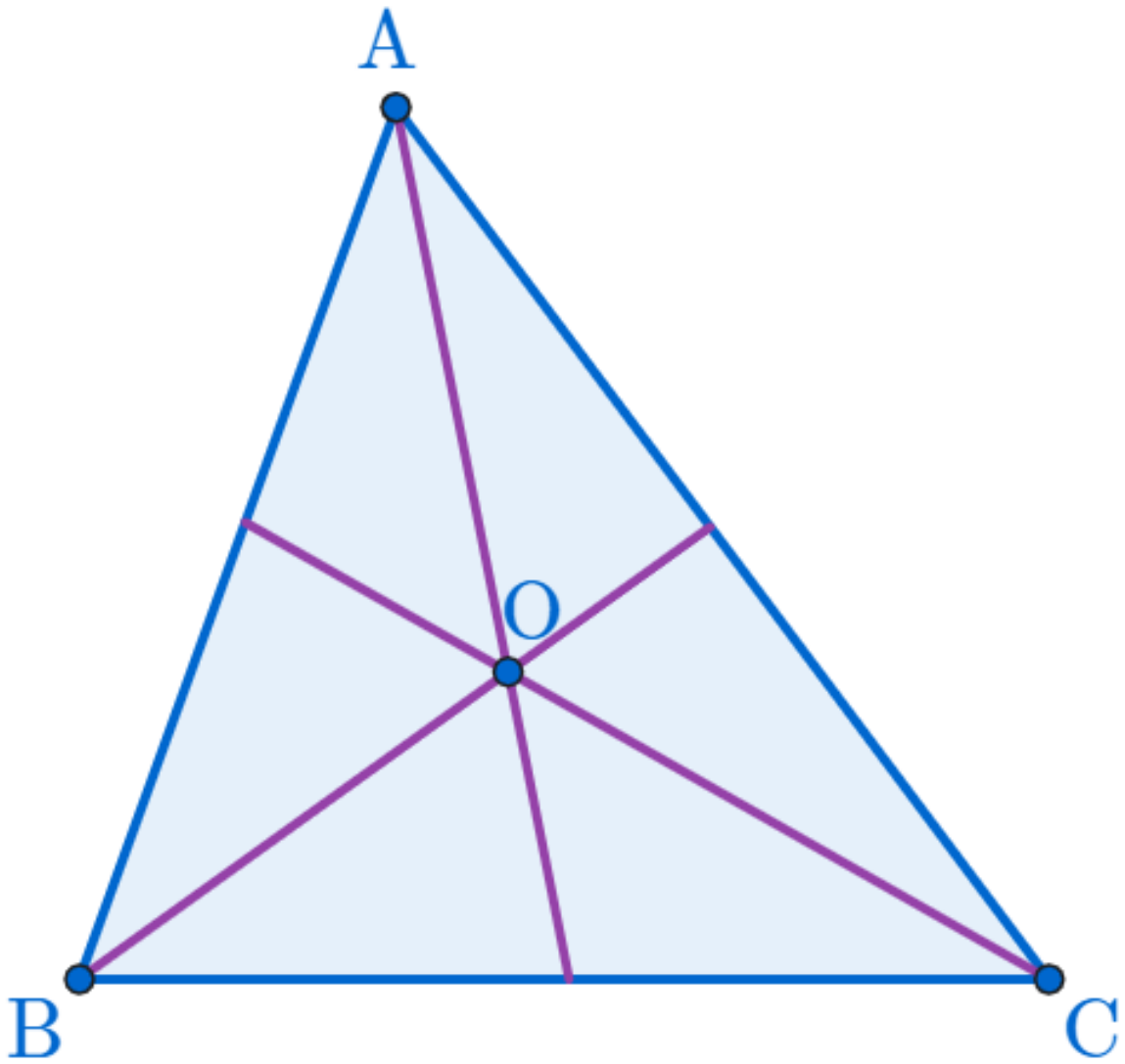

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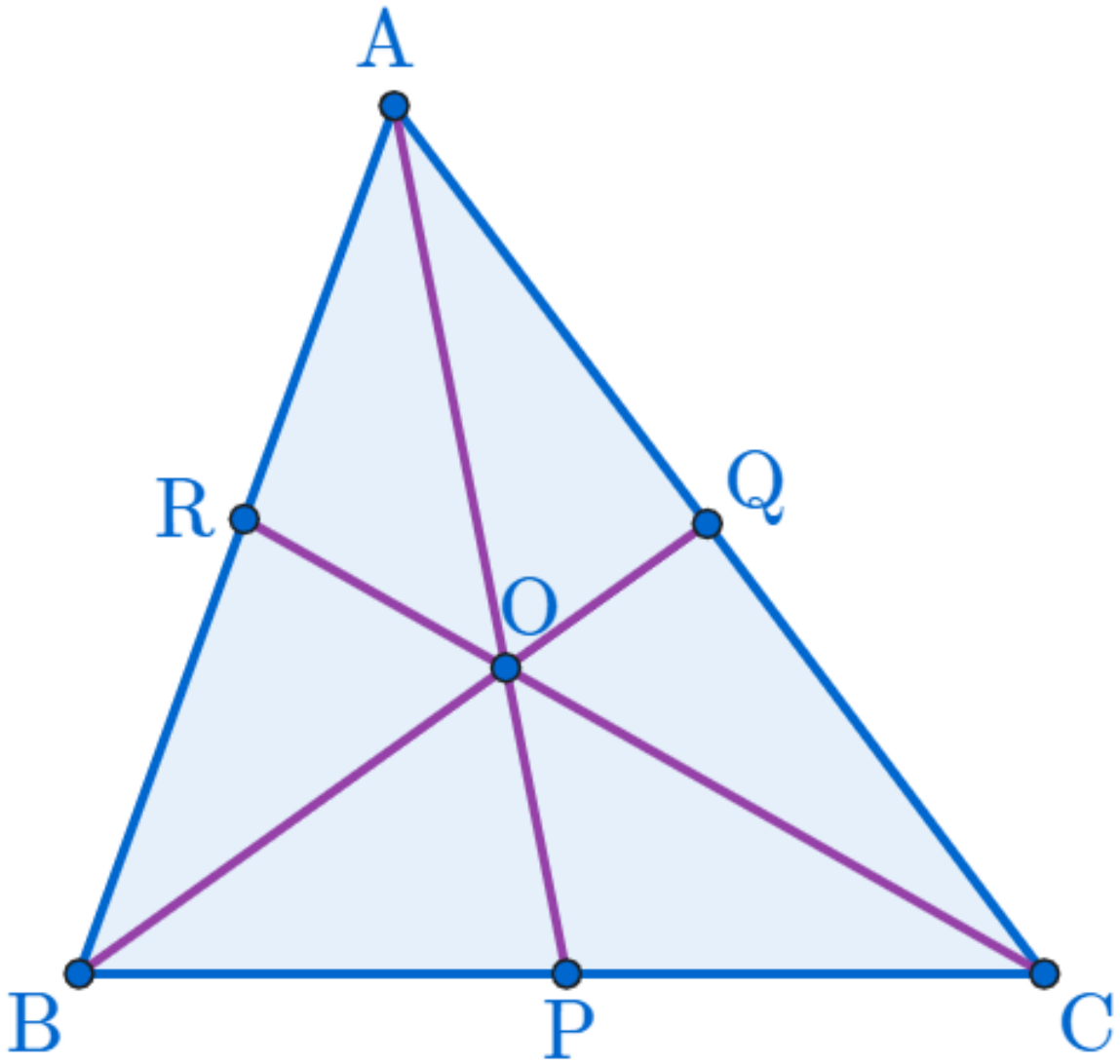

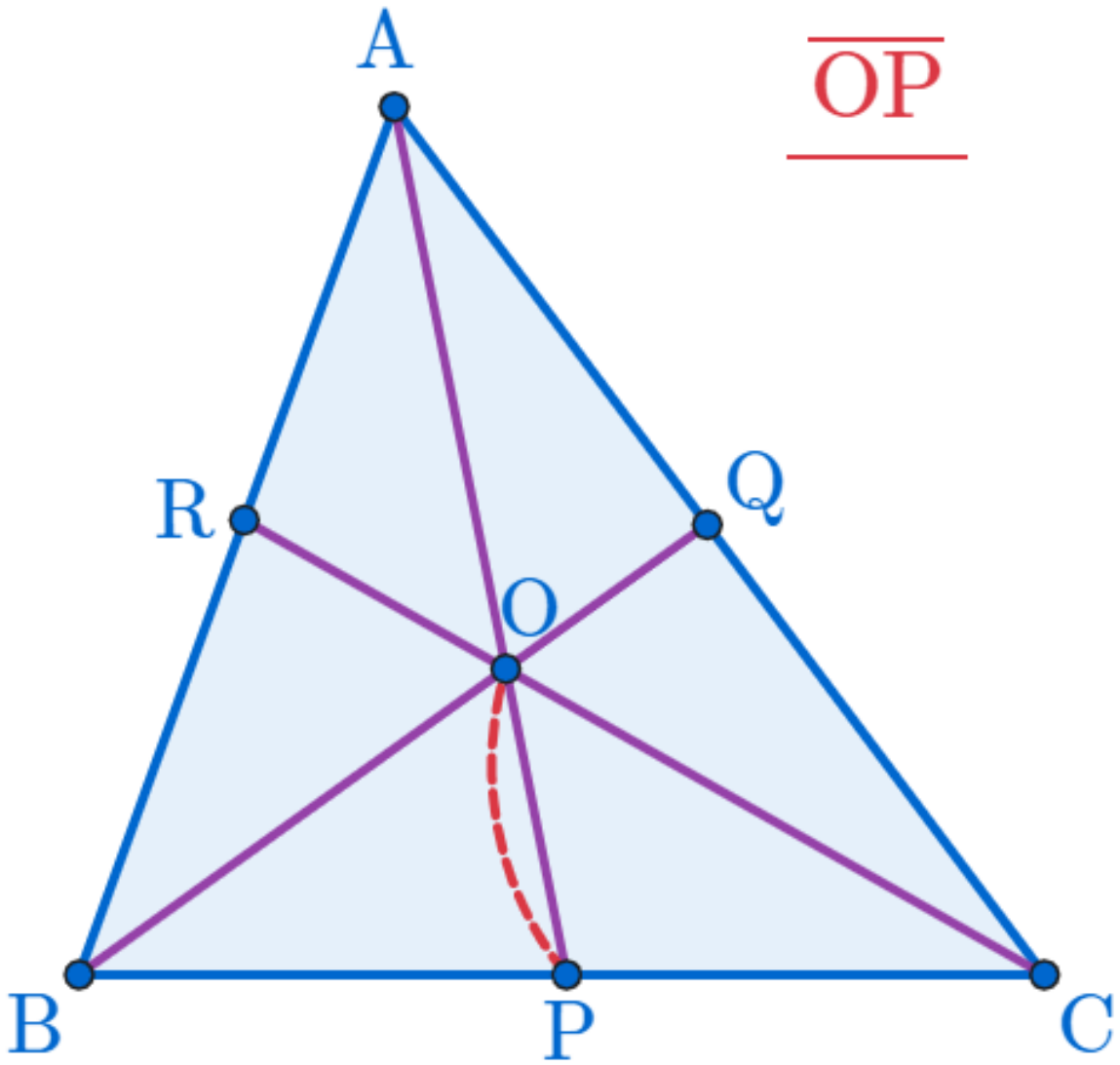

$\overline{OP}$

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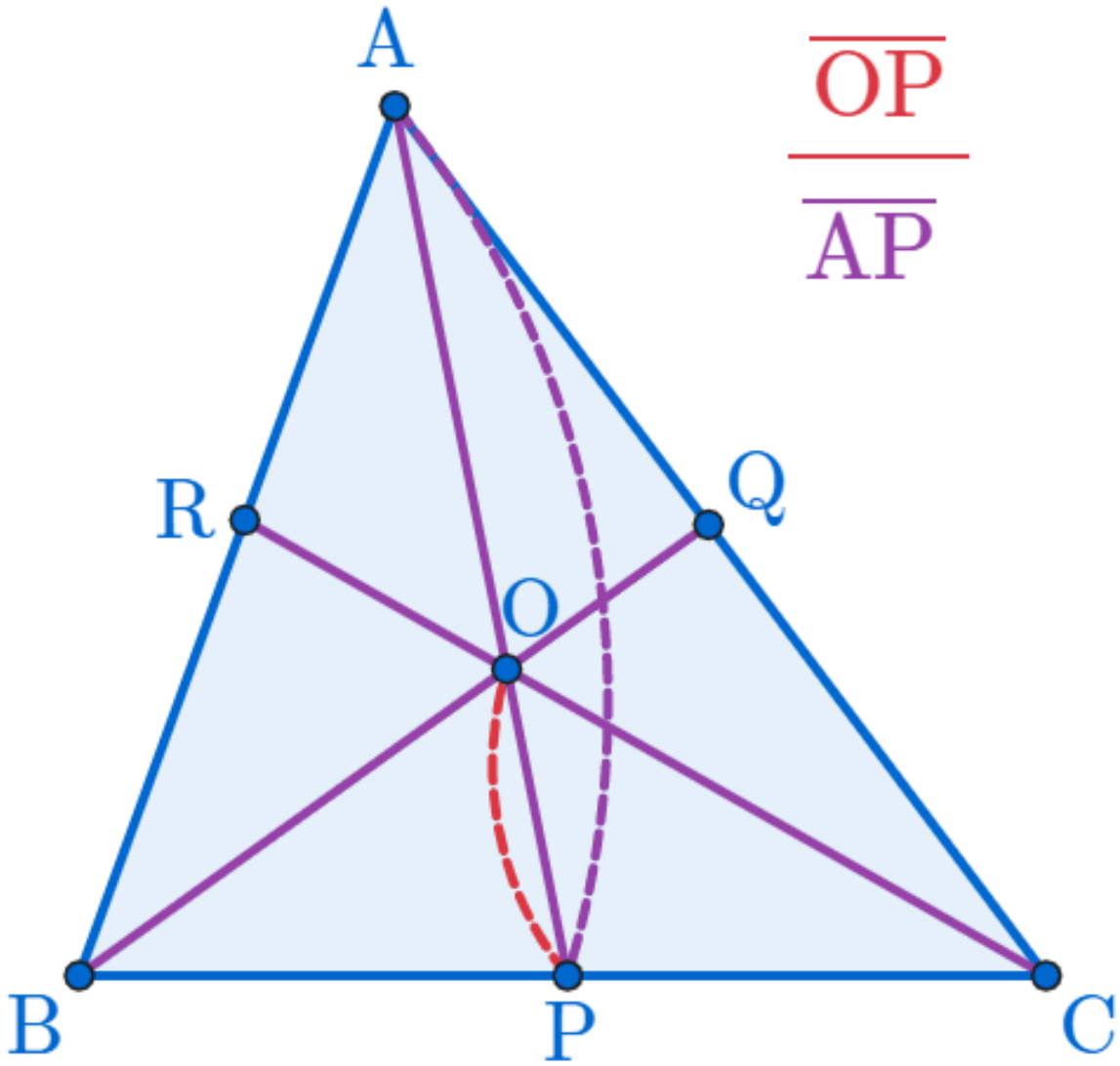

$$\frac{\overline{OP}}{\overline{AP}}$$

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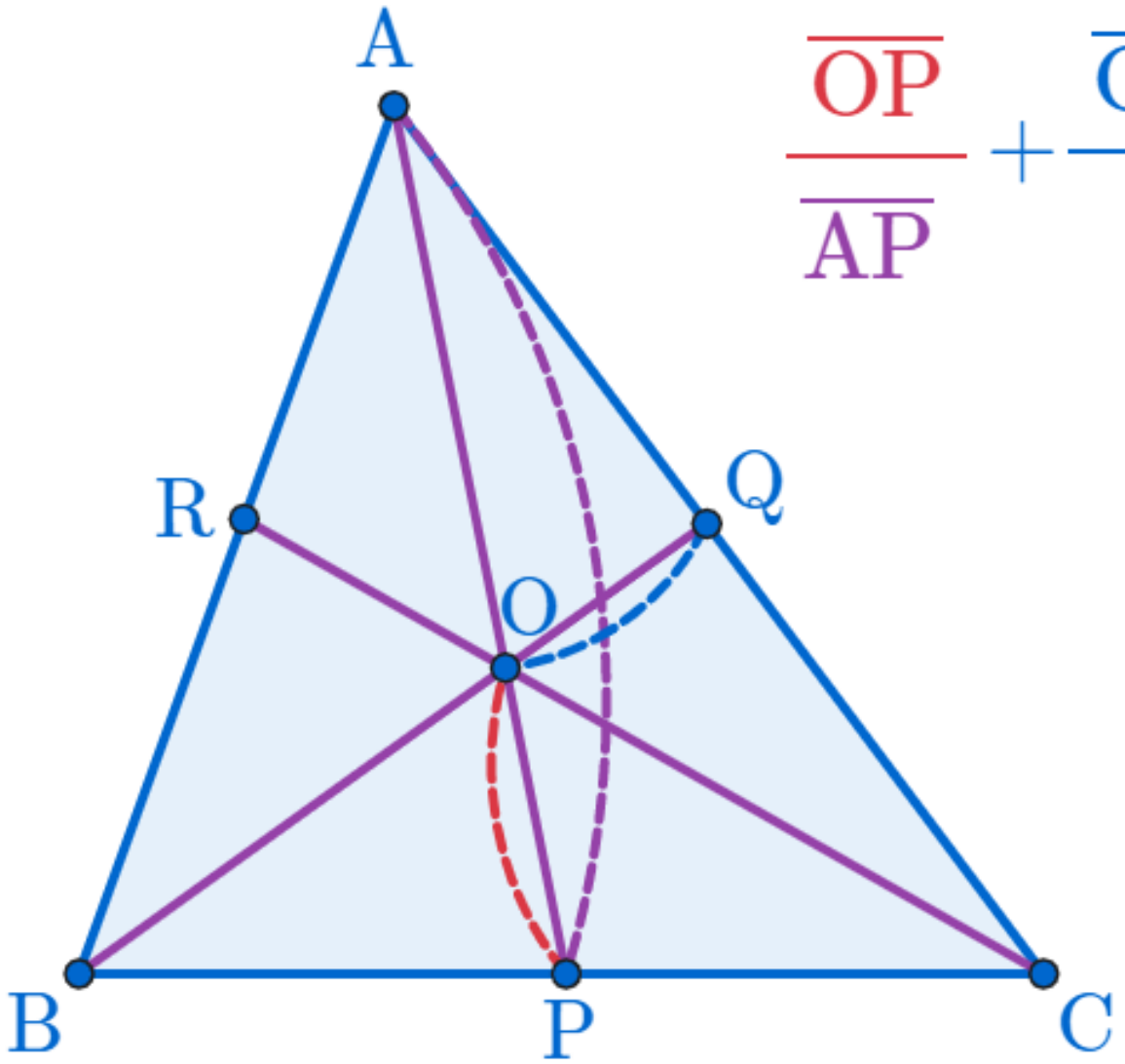
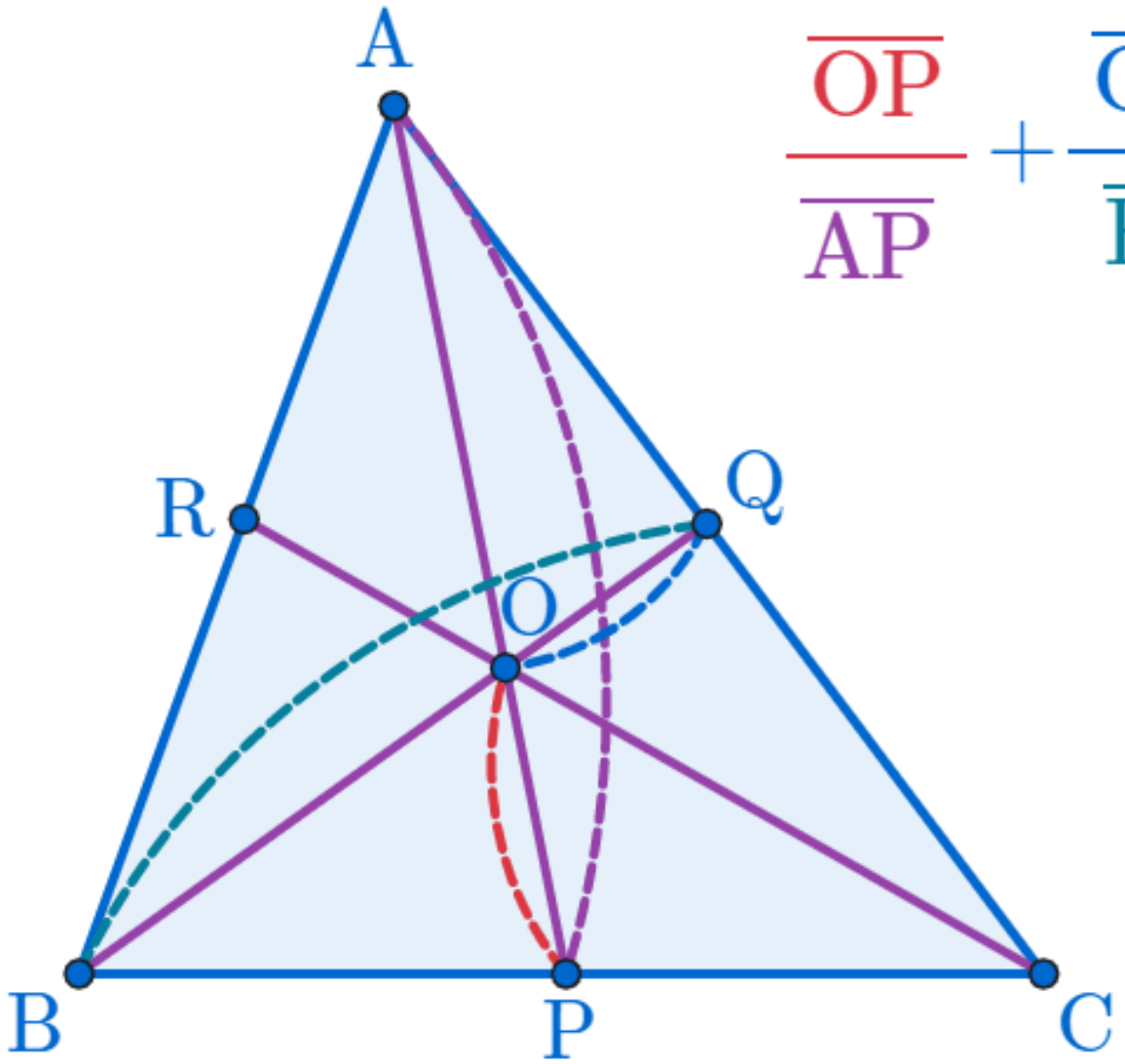


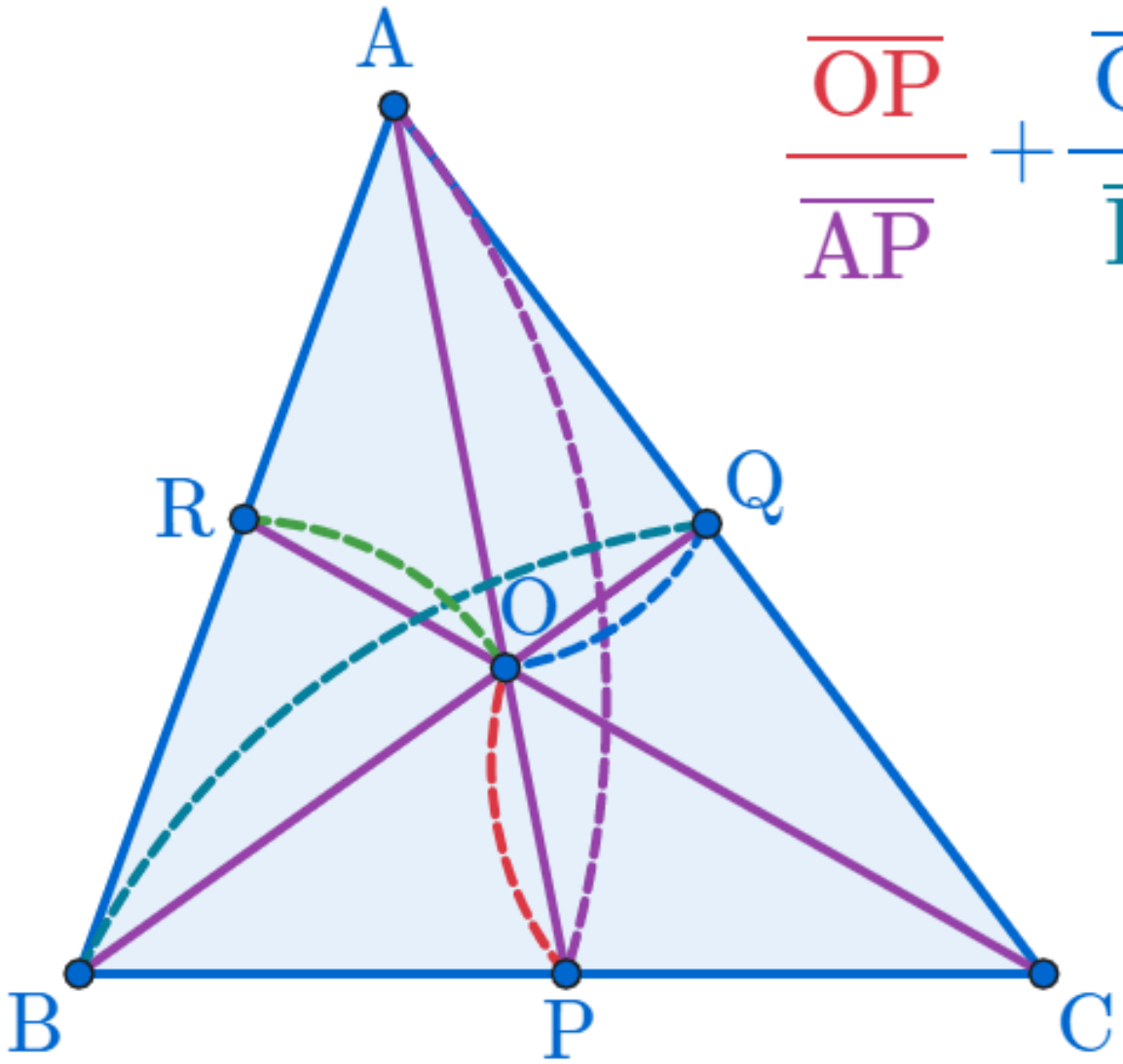
$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\quad}$$

게르곤느의 정리



$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}}$$

게르곤느의 정리



$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\quad}$$

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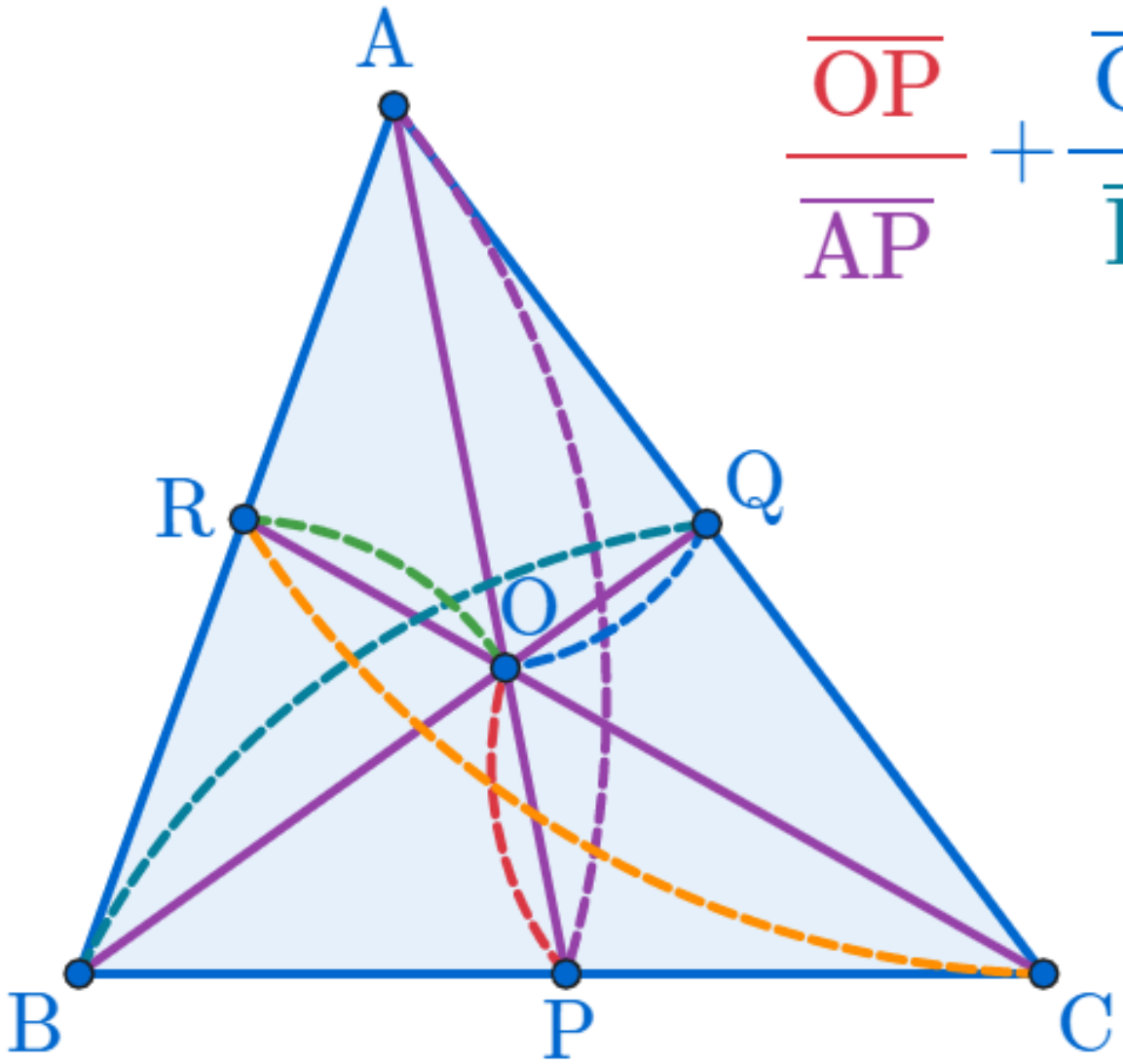

$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\overline{CR}}$$

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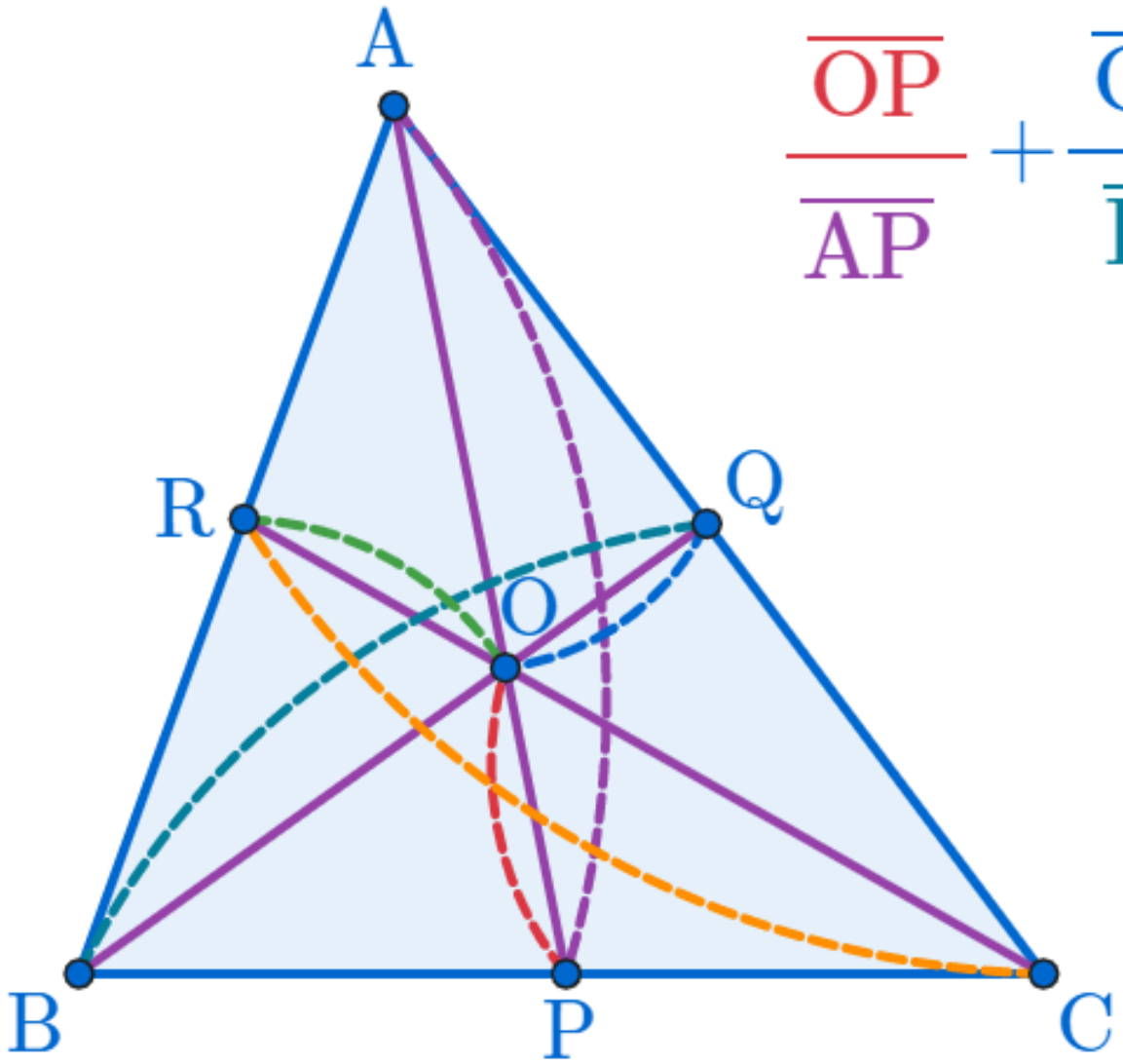
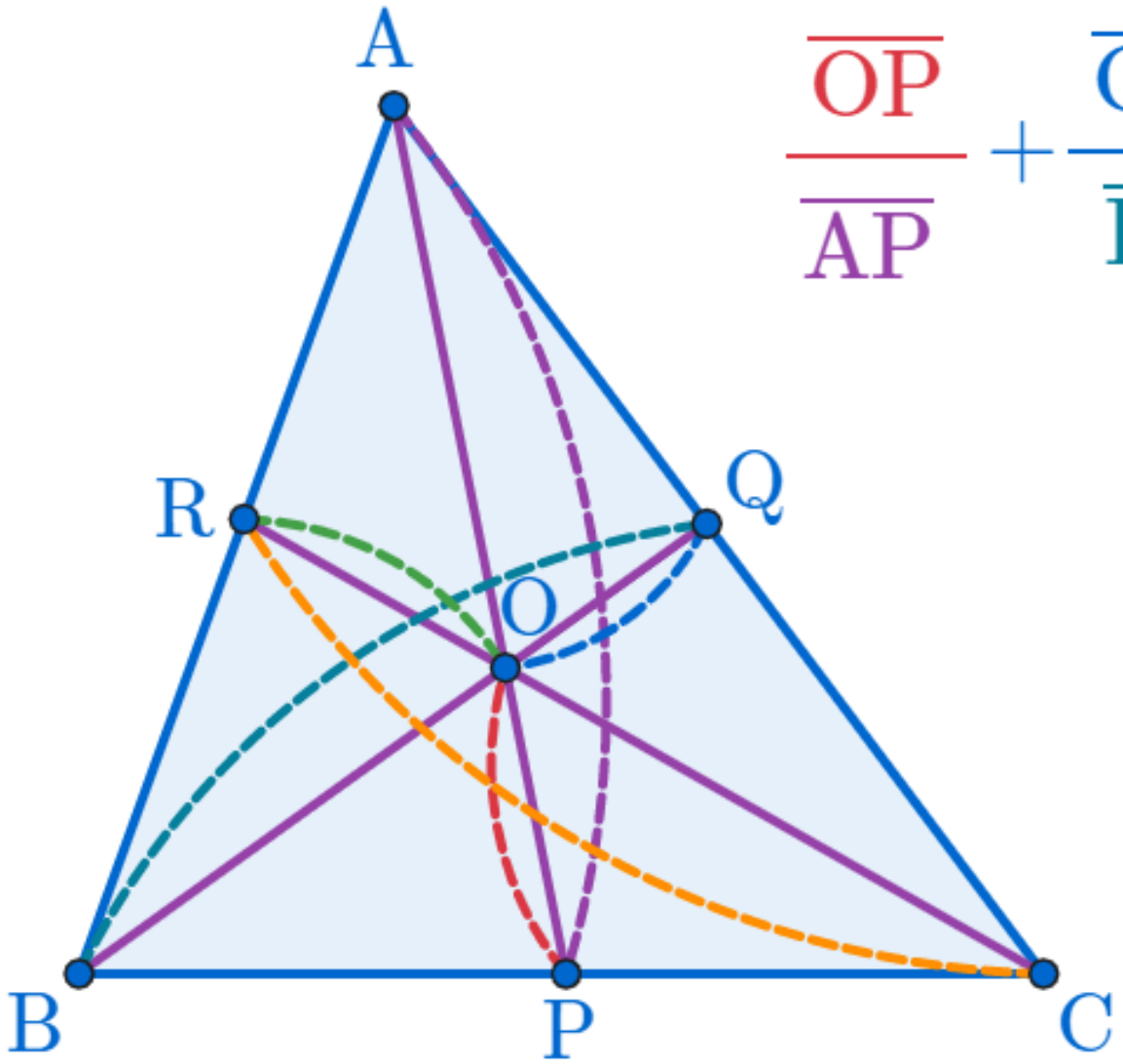


$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\overline{CR}} = 1$$

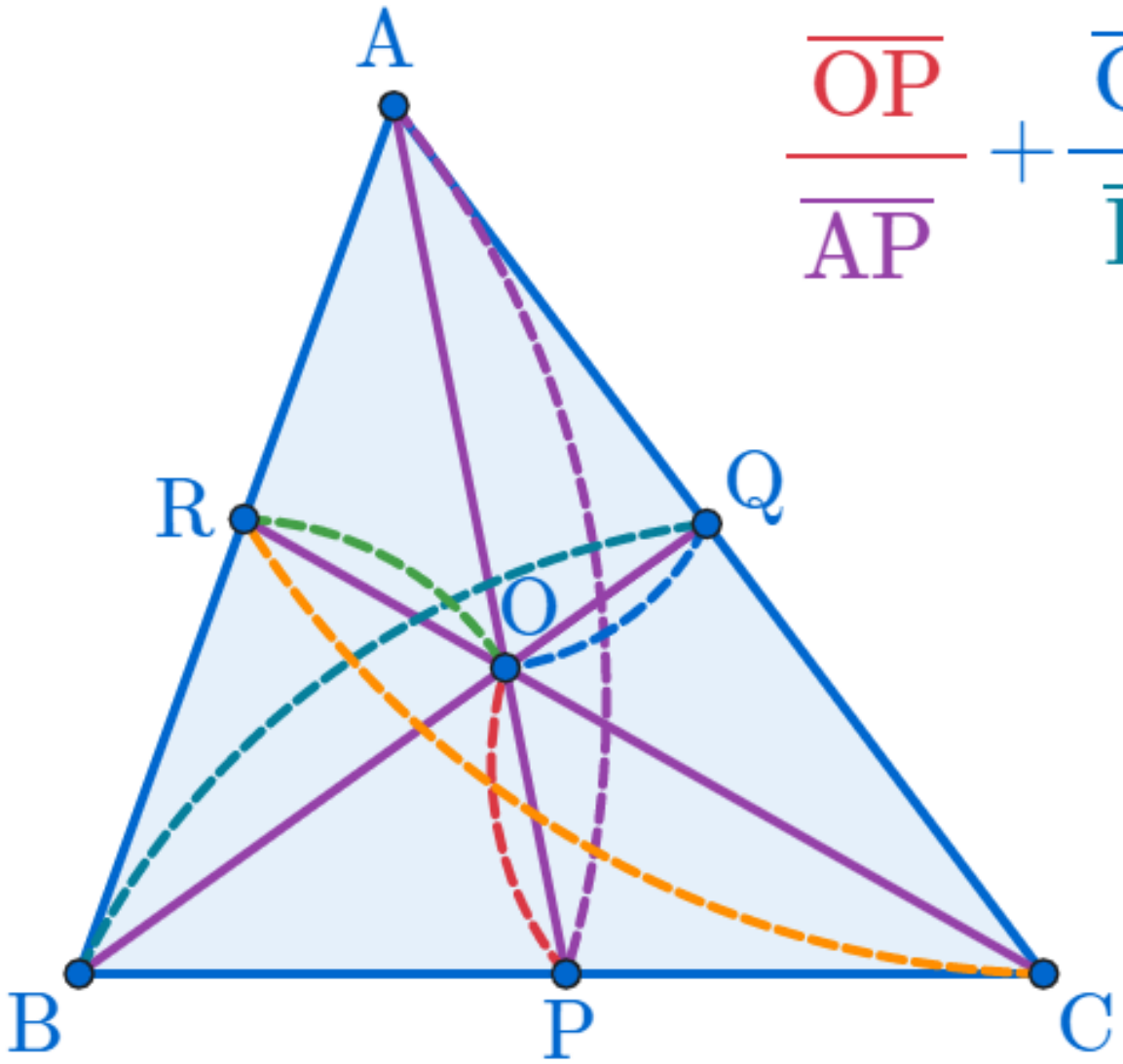
게르곤느의 정리



$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\overline{CR}} = 1$$

$$\frac{\overline{OP}}{\overline{AP}} = \frac{\Delta OBC}{\Delta ABC}$$

게르곤느의 정리



$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\overline{CR}} = 1$$

$$\frac{\overline{OP}}{\overline{AP}} = \frac{\Delta OBC}{\Delta ABC}$$

$$\frac{\overline{OQ}}{\overline{BQ}} = \frac{\Delta OCA}{\Delta BCA}$$

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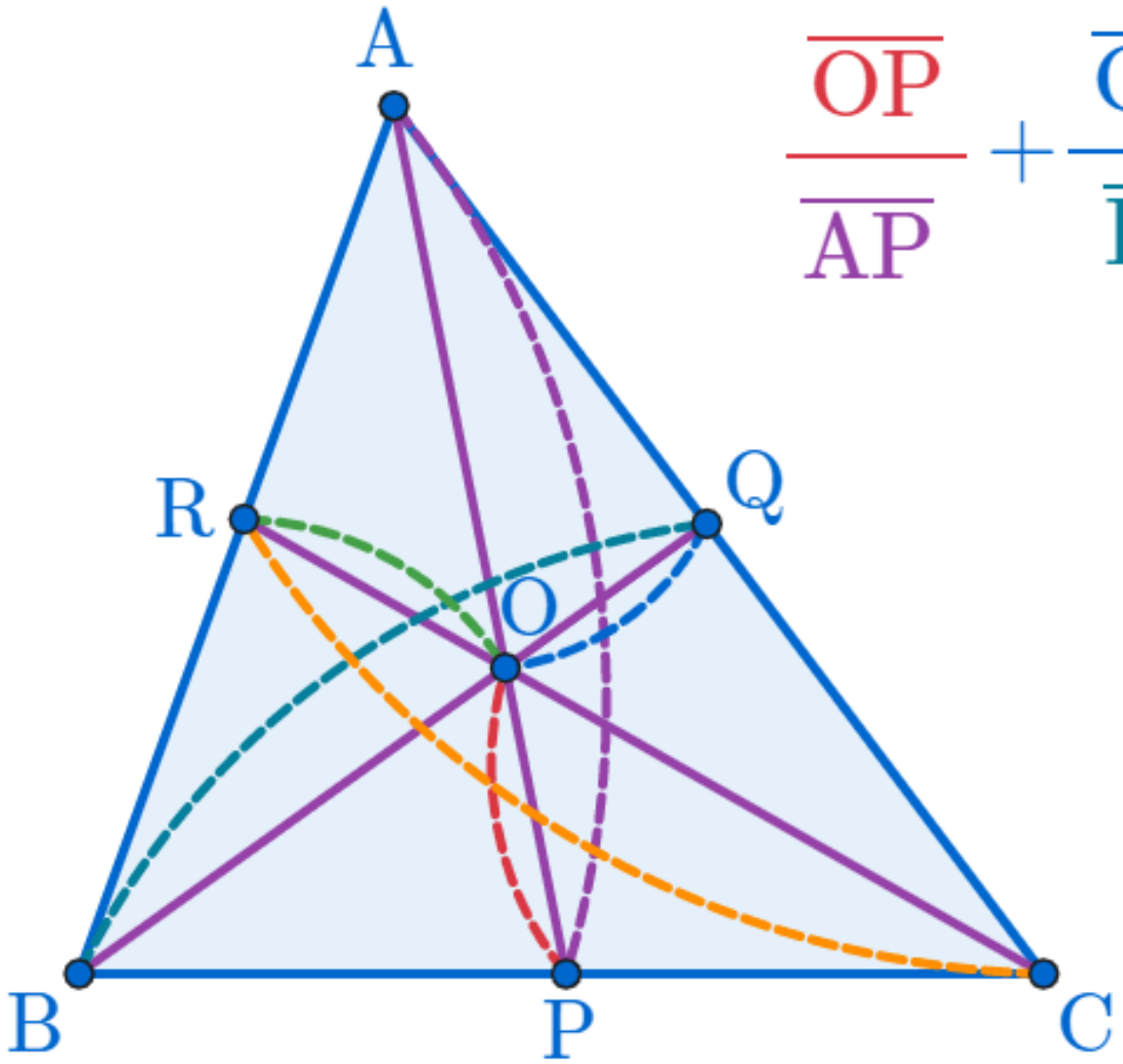

$$\frac{\overline{OP}}{\overline{AP}} + \frac{\overline{OQ}}{\overline{BQ}} + \frac{\overline{OR}}{\overline{CR}} = 1$$

$$\frac{\overline{OP}}{\overline{AP}} = \frac{\Delta OBC}{\Delta ABC}$$

$$\frac{\overline{OQ}}{\overline{BQ}} = \frac{\Delta OCA}{\Delta BCA}$$

$$\frac{\overline{OR}}{\overline{CR}} = \frac{\Delta OAB}{\Delta CAB}$$