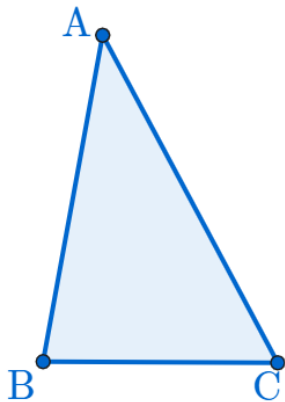
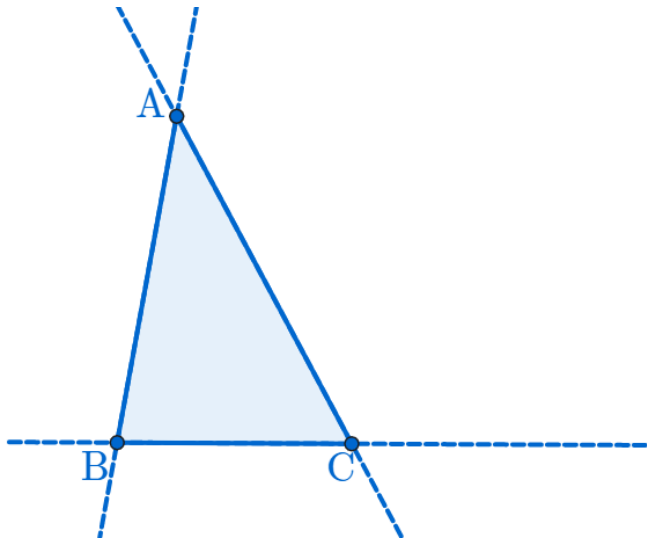


메넬라우스의 정리

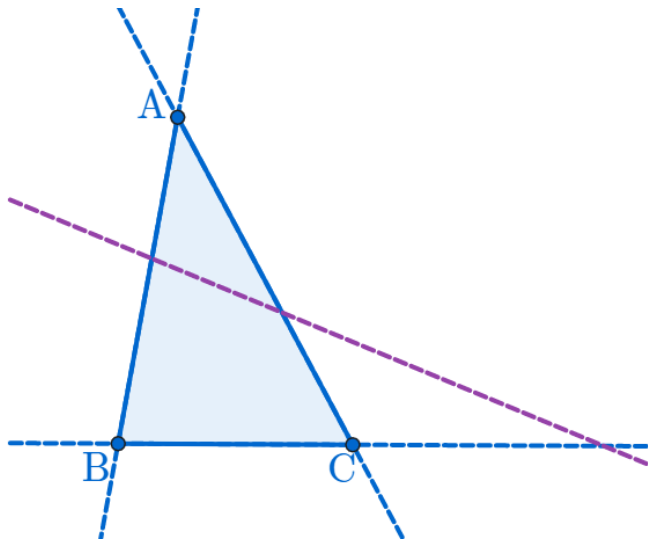
(Menelaus' Theorem)



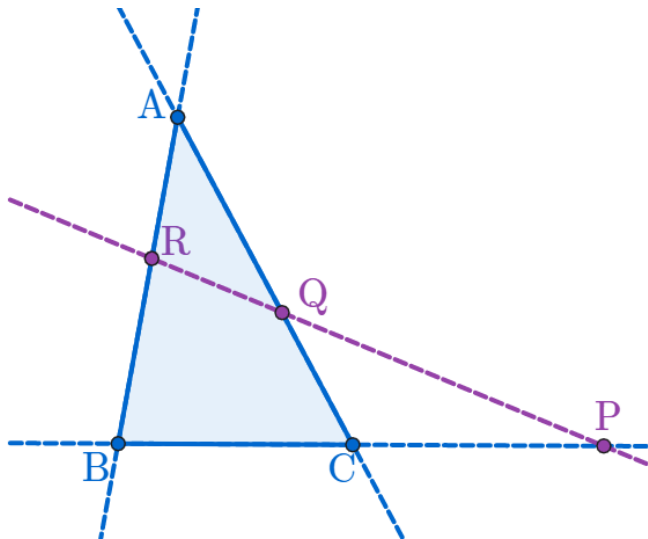
Menelaus' Theorem



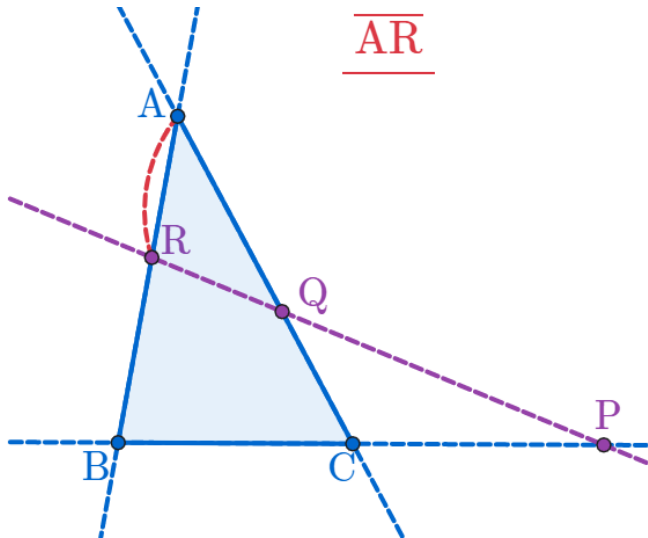
Menelaus' Theorem



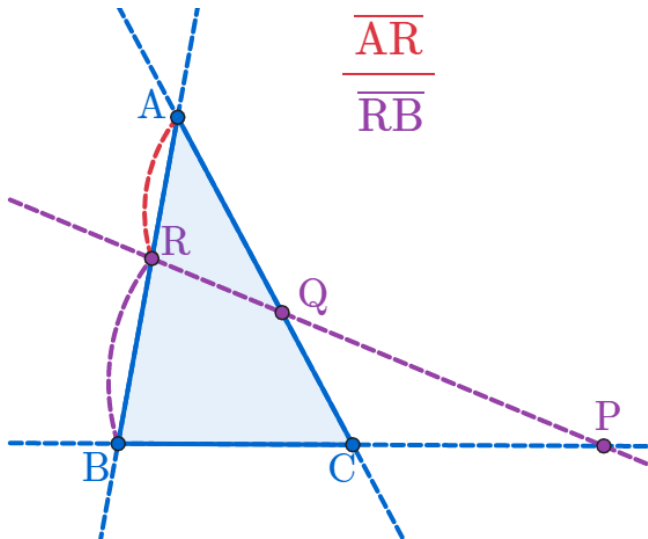
Menelaus' Theorem



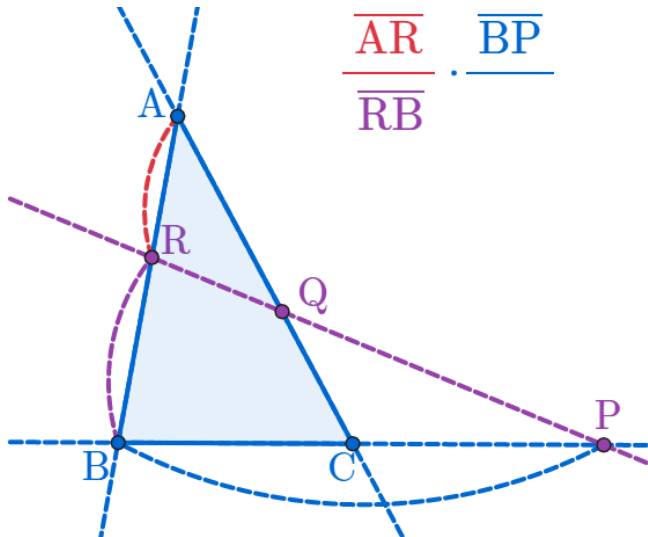
Menelaus' Theorem



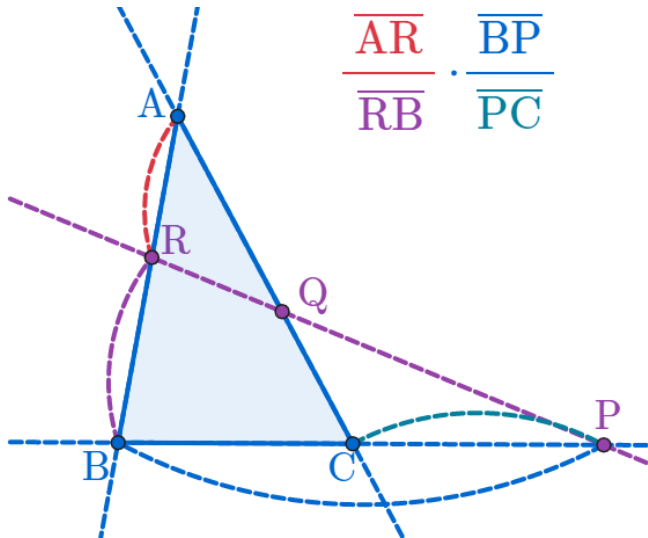
Menelaus' Theorem

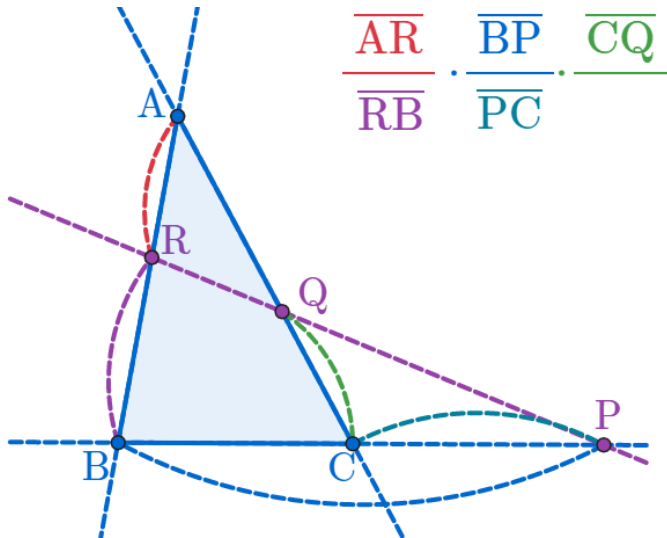


Menelaus' Theorem

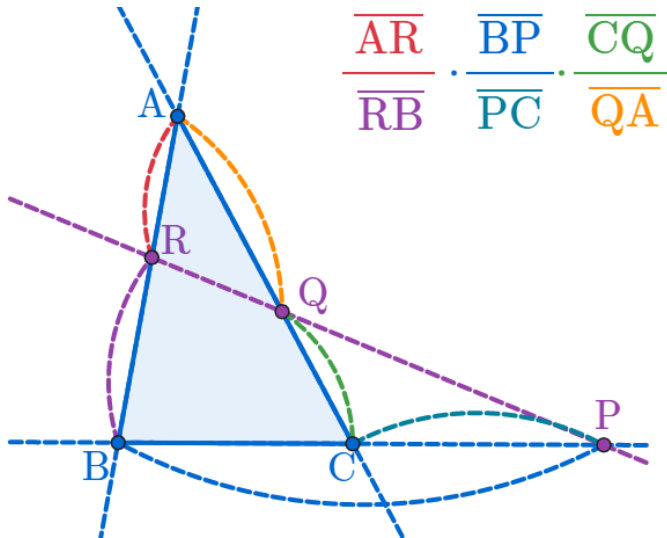


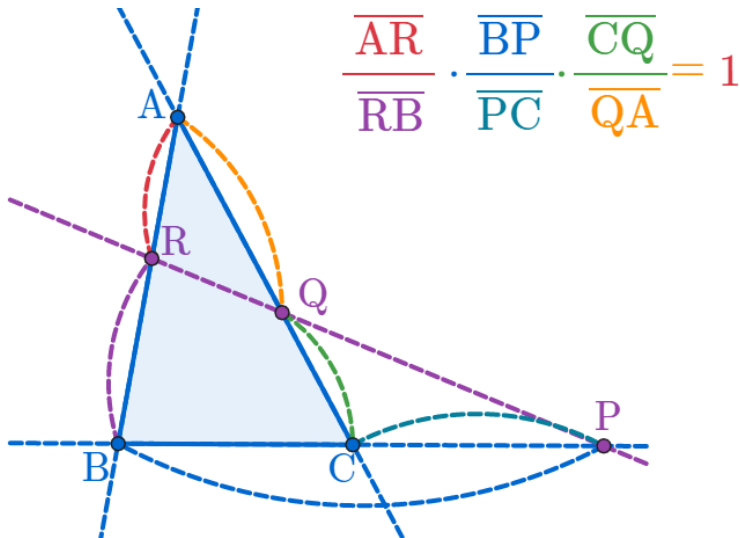
Menelaus' Theorem

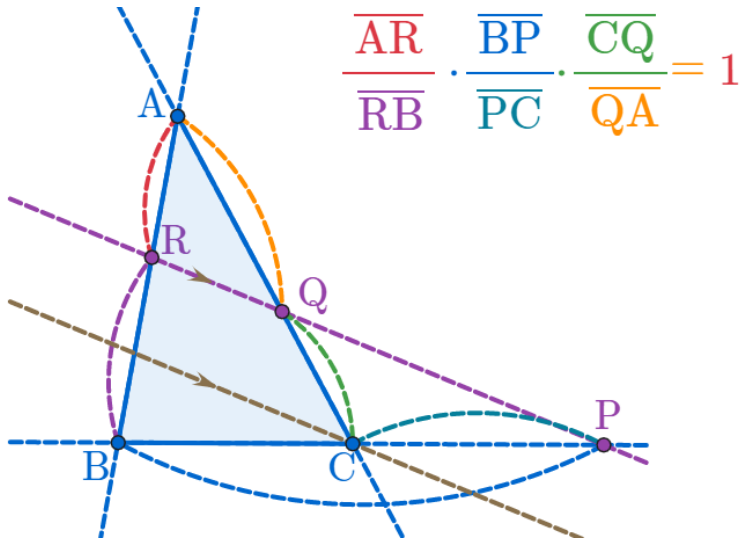


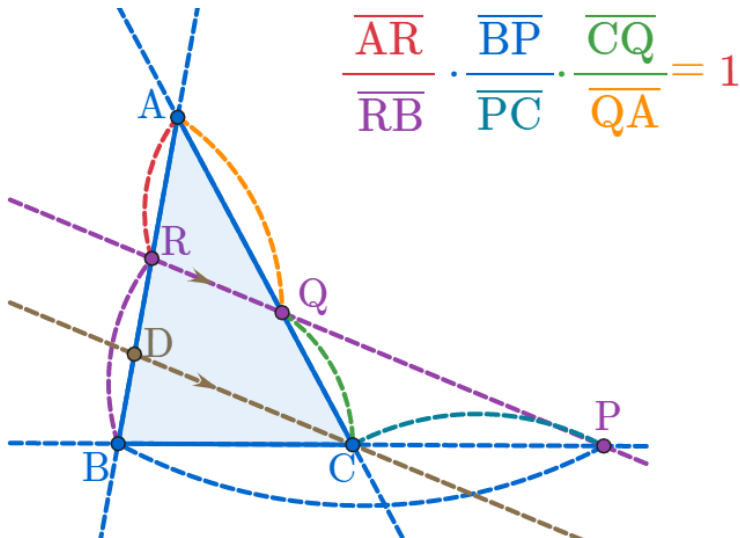


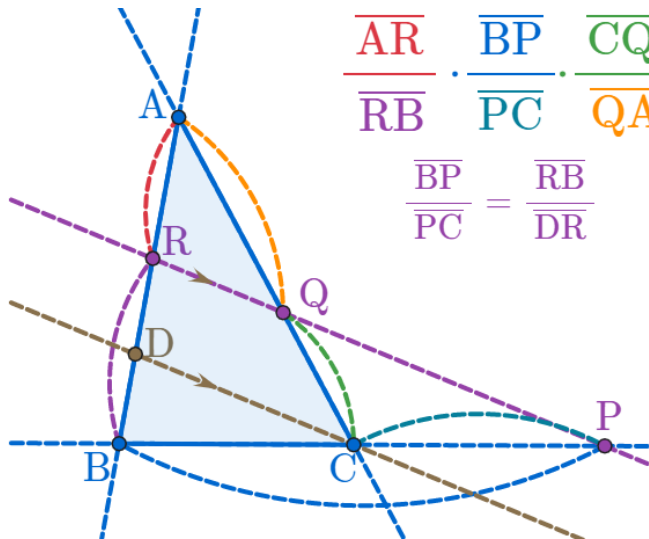
Menelaus' Theorem





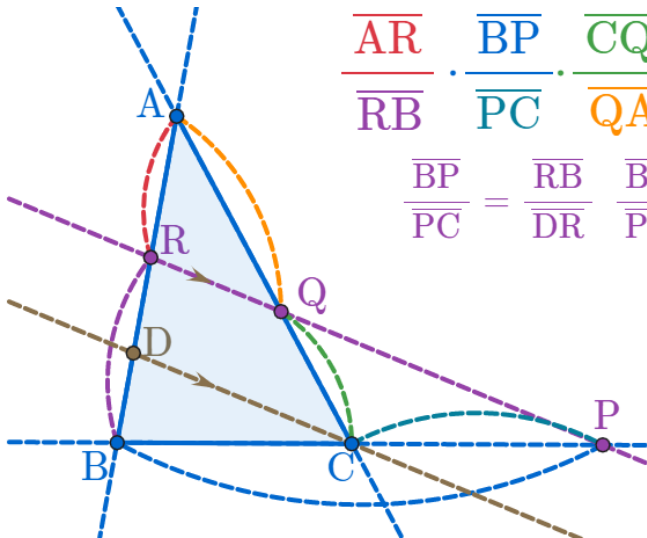






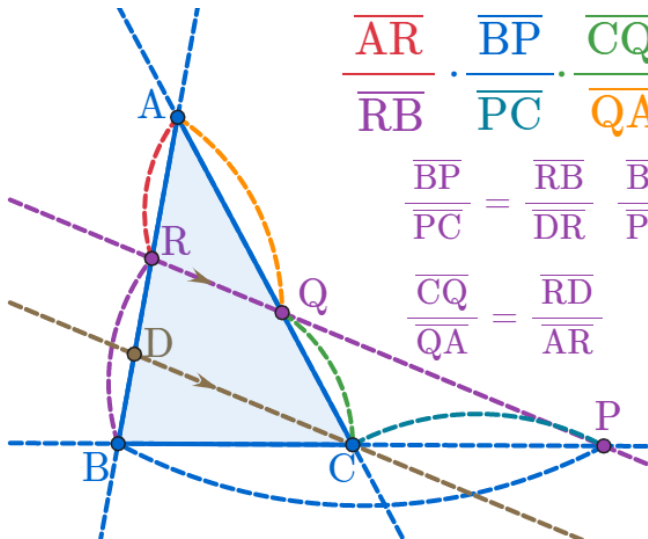
$$\frac{\overline{AR}}{\overline{RB}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{CQ}}{\overline{QA}} = 1$$

$$\frac{\overline{BP}}{\overline{PC}} = \frac{\overline{RB}}{\overline{DR}}$$



$$\frac{\overline{AR}}{\overline{RB}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{CQ}}{\overline{QA}} = 1$$

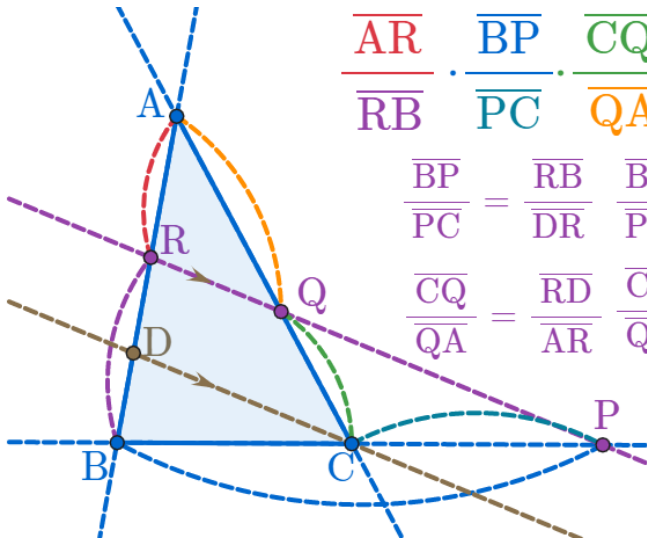
$$\frac{\overline{BP}}{\overline{PC}} = \frac{\overline{RB}}{\overline{DR}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{DR}}{\overline{RB}} = 1$$



$$\frac{\overline{AR}}{\overline{RB}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{CQ}}{\overline{QA}} = 1$$

$$\frac{\overline{BP}}{\overline{PC}} = \frac{\overline{RB}}{\overline{DR}} \quad \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{DR}}{\overline{RB}} = 1$$

$$\frac{\overline{CQ}}{\overline{QA}} = \frac{\overline{RD}}{\overline{AR}}$$



$$\frac{\overline{AR}}{\overline{RB}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{CQ}}{\overline{QA}} = 1$$

$$\frac{\overline{BP}}{\overline{PC}} = \frac{\overline{RB}}{\overline{DR}} \cdot \frac{\overline{BP}}{\overline{PC}} \cdot \frac{\overline{DR}}{\overline{RB}} = 1$$

$$\frac{\overline{CQ}}{\overline{QA}} = \frac{\overline{RD}}{\overline{AR}} \cdot \frac{\overline{CQ}}{\overline{QA}} \cdot \frac{\overline{AR}}{\overline{RD}} = 1$$

Github:

<https://min7014.github.io/math20200225001.html>

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