

ANNEXE I

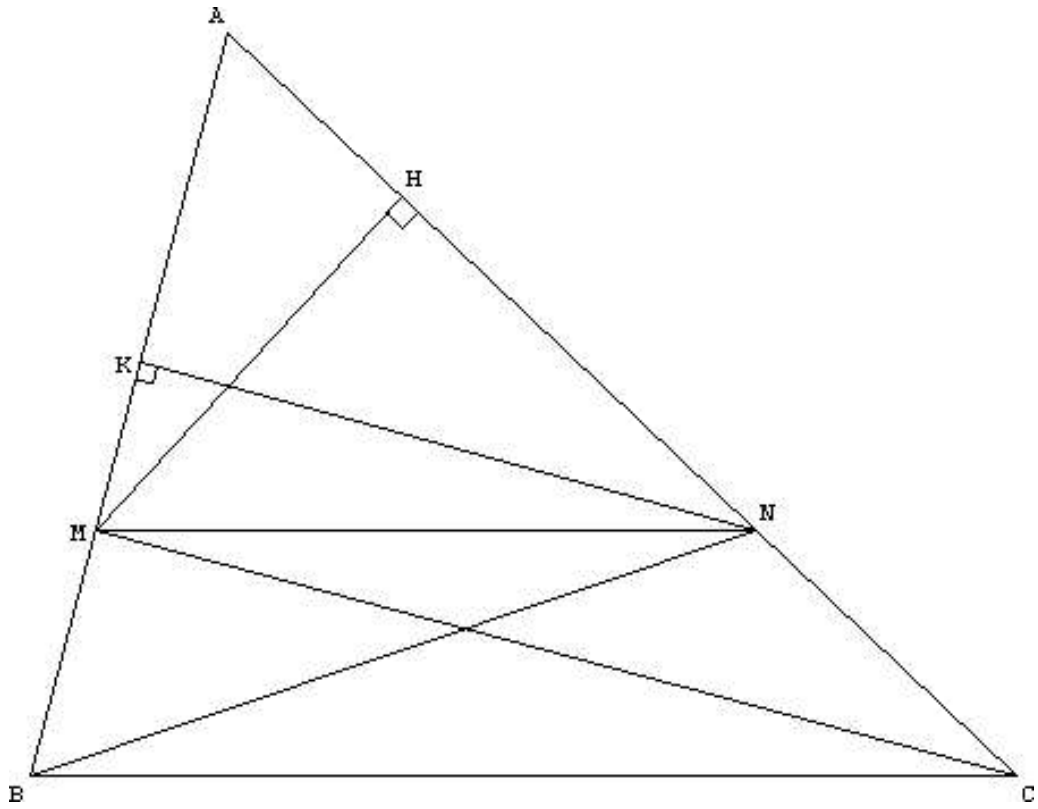


FIG. 1. Triangles ANB et AMC

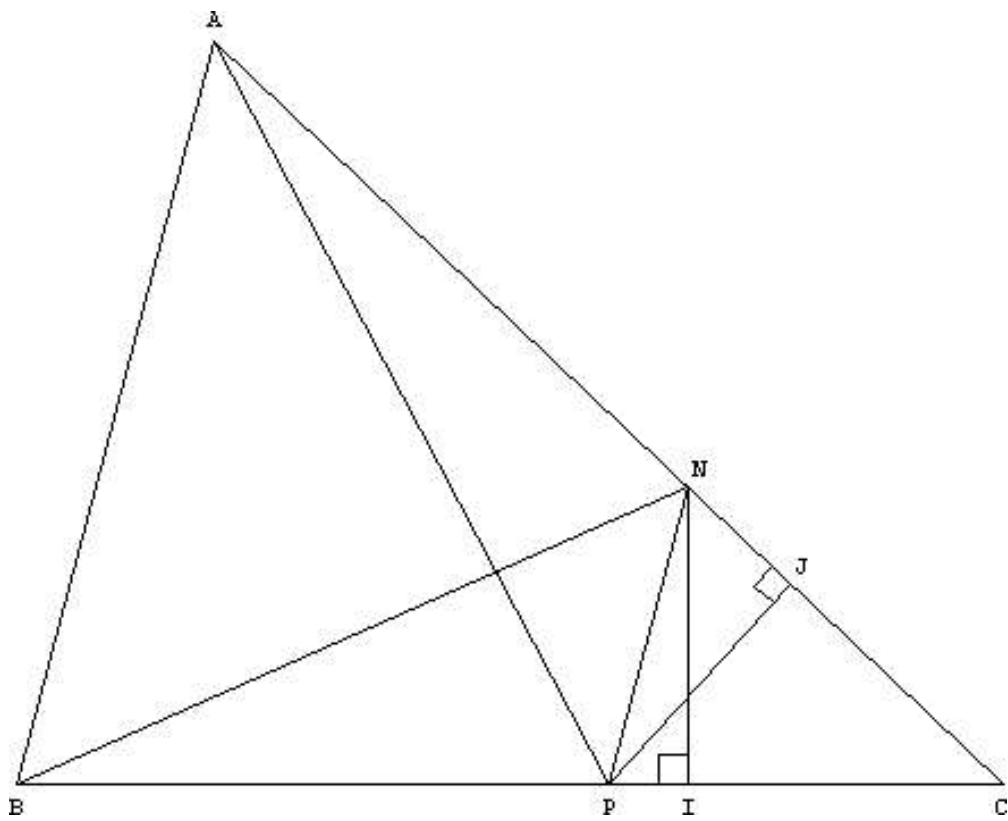


FIG. 2. Triangles APC et BNC

Figure 1.

$$\text{Aire}(MAN) = 0,5 \times MH \times \dots = 0,5 \times NK \times \dots = \text{Aire}(MAN)$$

$$\text{Aire}(MAC) = 0,5 \times MH \times \dots = 0,5 \times NK \times \dots = \text{Aire}(NAB)$$

$$\frac{\text{Aire}(MAN)}{\text{Aire}(MAC)} = \frac{\text{Aire}(MAN)}{\text{Aire}(NAB)} = \dots = \dots = \dots = \dots$$

Figure 2.

$$\text{Aire}(APN) = 0,5 \times PJ \times \dots = 0,5 \times NI \times \dots = \text{Aire}(BPN)$$

$$\text{Aire}(APC) = 0,5 \times PJ \times \dots = 0,5 \times NI \times \dots = \text{Aire}(BNC)$$

$$\frac{\text{Aire}(APN)}{\text{Aire}(APC)} = \frac{\text{Aire}(BPN)}{\text{Aire}(BNC)} = \dots = \dots = \dots = \dots$$

Première conclusion

$$\dots = \dots = \dots$$

Que dire du quadrilatère *BMNP*?

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Seconde conclusion

$$\dots = \dots = \dots$$