

Figure 1. A bad drawing

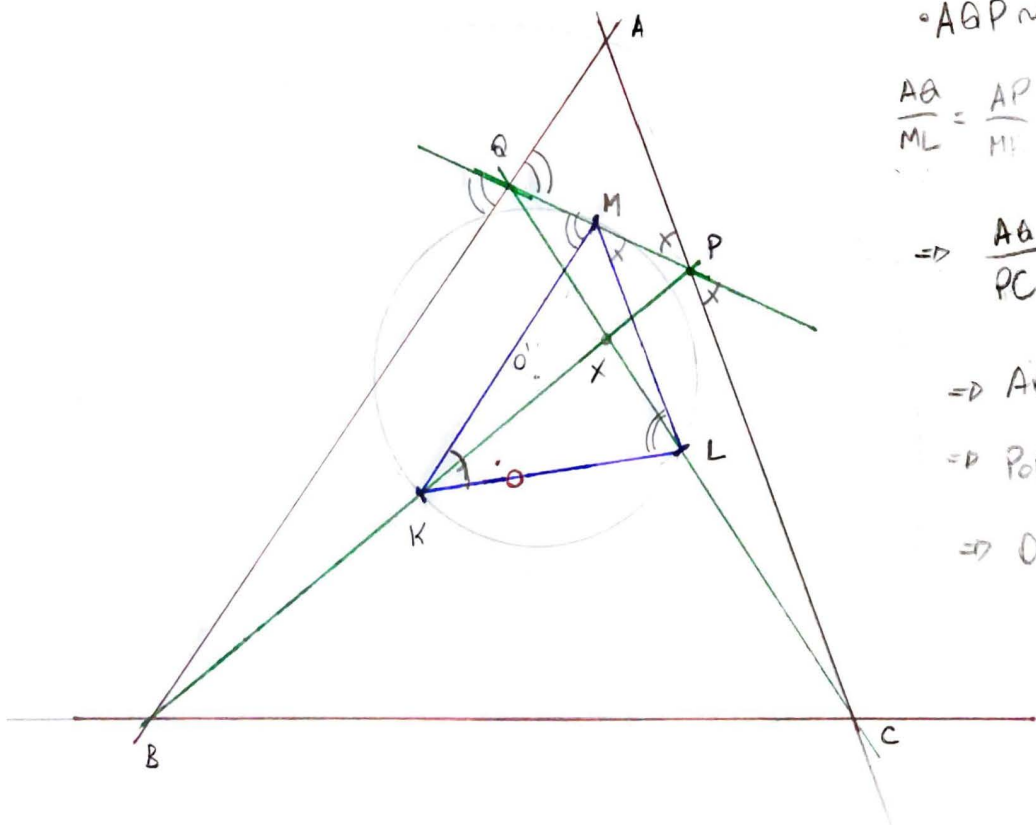


Figure 2. Decent Drawing

$$\triangle AGP \sim \triangle MLK$$

$$\frac{AG}{ML} = \frac{AP}{MK} \Rightarrow$$

$$\Rightarrow \frac{AG}{PC} = \frac{AP}{GB}$$

$$\Rightarrow AG \cdot GB = AP \cdot PC$$

$$\Rightarrow \text{Pot } G = \text{Pot } P$$

$$\Rightarrow OG = OP$$

□