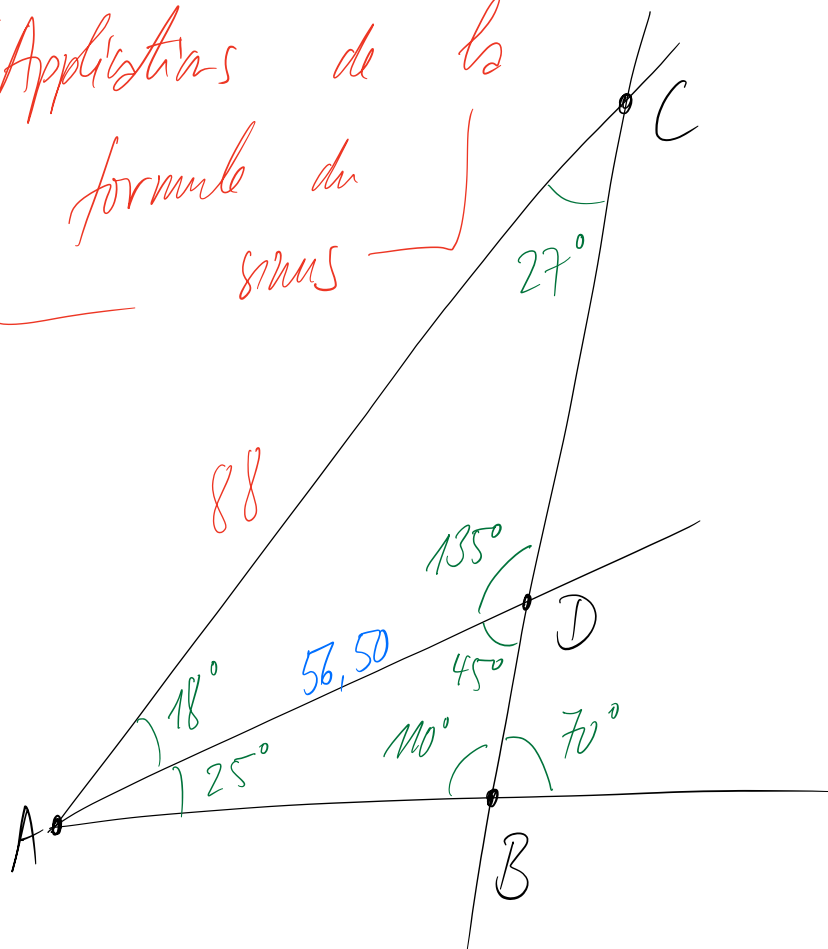


Applications de la
formule du
sinus



$$\frac{88}{\sin 135^\circ} = \frac{CD}{\sin 18^\circ} = \frac{AD}{\sin 27^\circ}$$

$$\Rightarrow CD = \frac{88 \cdot \sin 18^\circ}{\sin 135^\circ} \approx 38,46$$

$$\Rightarrow AD = \frac{88 \cdot \sin 27^\circ}{\sin 135^\circ} \approx 56,50$$

$$\frac{56,50}{\sin 110^\circ} \approx \frac{BD}{\sin 25^\circ} \approx \frac{AB}{\sin 45^\circ}$$

$$\Rightarrow BD \approx \frac{56,50 \cdot \sin 25^\circ}{\sin 110^\circ} \approx 25,41$$

$$\Rightarrow AB \approx \frac{56,50 \cdot \sin 45^\circ}{\sin 110^\circ} \approx 42,52$$

$$\Rightarrow BC = BD + DC \approx 63,87$$