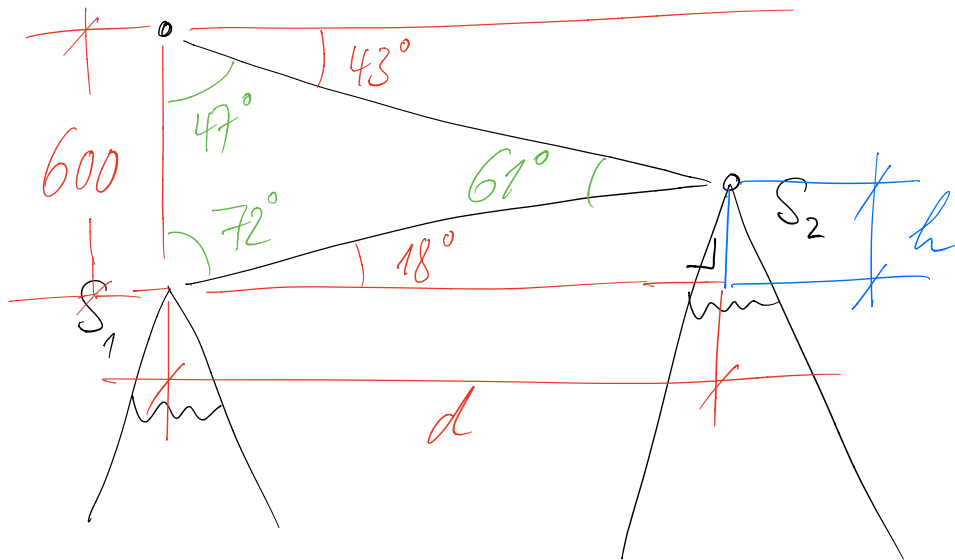


5.22

2C



$$\frac{600}{\sin 61^\circ} = \frac{S_1 S_2}{\sin 47^\circ} \Leftrightarrow 686,01 \approx \frac{S_1 S_2}{\sin 47^\circ}$$

$$\Leftrightarrow S_1 S_2 \approx 686,01 \cdot \sin 47^\circ \approx \underline{501,72}$$

$$\sin 18^\circ = \frac{h}{S_1 S_2} = \frac{\text{Opp}}{\text{Hyp}}$$

A' vol d'ordonnée

$$\Rightarrow h = \sin 18^\circ \cdot S_1 S_2 \approx 155,04$$

$$\text{Altitude } S_2 : 1560 + 155 \approx \underline{1715 \text{ m}}$$

$$d \approx \sqrt{501,72^2 - 155,04^2} \approx \underline{477,16 \text{ m}}$$

↑
sur la
carte