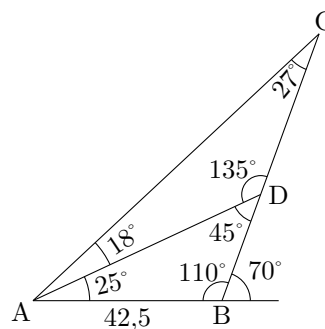


17.5

$$\begin{aligned}\widehat{DBA} &= 180^\circ - 70^\circ = 110^\circ \\ \widehat{ADB} &= 180^\circ - (25^\circ + 110^\circ) = 45^\circ \\ \widehat{CDA} &= 180^\circ - 45^\circ = 135^\circ \\ \widehat{ACD} &= 180^\circ - (18^\circ + 135^\circ) = 27^\circ\end{aligned}$$



$$\frac{BC}{\sin(18^\circ + 25^\circ)} = \frac{42,5}{\sin(27^\circ)} \quad \text{implique} \quad BC = \frac{42,5 \cdot \sin(43^\circ)}{\sin(27^\circ)} \approx 63,84$$

$$\frac{BD}{\sin(25^\circ)} = \frac{42,5}{\sin(45^\circ)} \quad \text{donne} \quad BD = \frac{42,5 \cdot \sin(25^\circ)}{\sin(45^\circ)} \approx 25,40$$

$$\frac{AD}{\sin(110^\circ)} = \frac{42,5}{\sin(45^\circ)} \quad \text{fournit} \quad AD = \frac{42,5 \cdot \sin(110^\circ)}{\sin(45^\circ)} \approx 56,48$$

$$\frac{AC}{\sin(110^\circ)} = \frac{42,5}{\sin(27^\circ)} \quad \text{délivre} \quad AC = \frac{42,5 \cdot \sin(110^\circ)}{\sin(27^\circ)} \approx 87,97$$