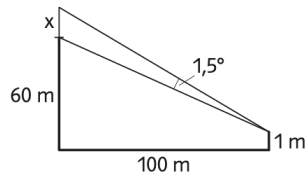
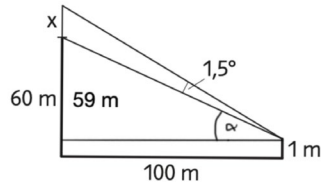


LÖSUNG ZU 875:

a)



1)



2)

$$\tan(\alpha) = \frac{59}{100} \quad \rightarrow \quad \alpha = \arctan\left(\frac{59}{100}\right) \approx 30,54^\circ$$

$$\tan(30,54^\circ + 1,5^\circ) = \frac{59+x}{100}$$

$$x = 100 \cdot \tan(30,54^\circ + 1,5^\circ) - 59 \approx 3,59 \text{ m}$$

