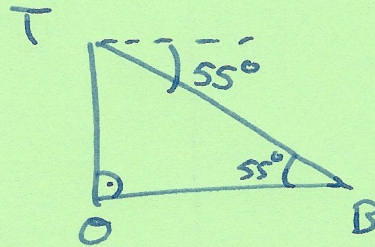
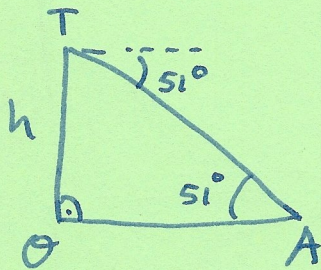


6.95

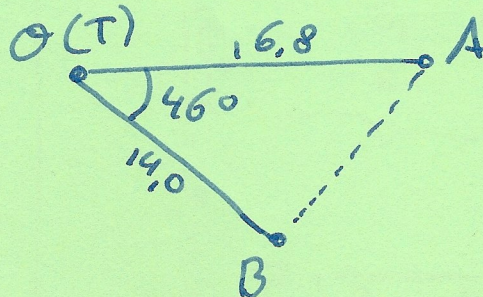


MS

$$OA = \frac{h}{\tan 51^\circ} = 16,8 \text{ m}$$

$$OB = \frac{h}{\tan 55^\circ} = 14,0 \text{ m}$$

Von oben:



$$\begin{aligned} AB^2 &= (OA)^2 + (OB)^2 - 2 \cdot OA \cdot OB \cdot \cos 46^\circ \\ &= 478 - 2 \cdot 16,8 \cdot 14,0 \cdot 0,695 \\ &= 151,2 \text{ m}^2 \Rightarrow AB = 12,3 \text{ m} \end{aligned}$$